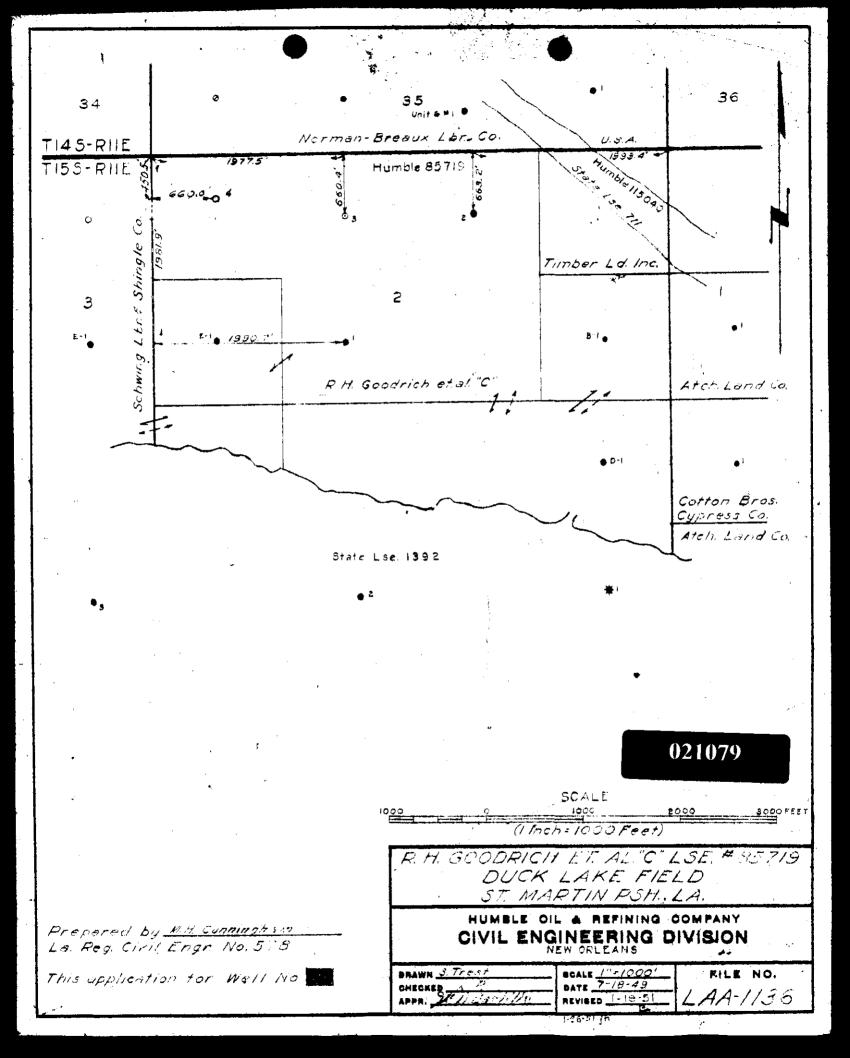
NO ROMAN QUADRUPLICATE TO DISTRICT OFFICE
NO 12030 A GUADROPEICATE TO DISTRICT OFFICE
大部分,也是最后的人的最后,我们就是我们的一个人,我们就是一个人的人的,我们就是一个人的人的人,这个人的人的人,这个人的人,这个人的人,这个人的人的人,这个人的
AMENDED PERMIT TO DRILL FOR MINERALS
BATON ROUGE LA
PARISH FIELD PLANT OPERATOR TO THE PARISH TO THE PARISH
1000000000000000000000000000000000000
ADDRESS
LOCATION OF WELL
。 《大學》:"我們是一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個一個
,这是 <u>你是这个女子,你一个</u> 一个一个,我们就是我们的,我们就是我们的,我们就是我们的,我们就是我们,我就是这个好好,我们就是这个人,他们也是不是一个,我们的一个
Yourare hereby; authorized to drill
Well=No: The second control to sunder application bearing serial No.
application Dearing Section No.
dated:
This well to be drilled to
cancels Drilling Permit No. 19
The latest the second of the s
SALE OF LOUISIANA CONTROL OF L
DEPARTMENT OF CONSERVATION
Commissioner, Department of Conservato
TormiMD-15-Railing and the same section of the
我就是你的,我只见她就是你,只是我们的心里,我们的这个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一个一

				The state of the s
No.	12482 A	QUADRUPEICATE	TO DISTRICT OFFIC	
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PARISH OPERATO	<b>建设设置的基础的基础的</b>		FIELD	
ADDRESS	The state of the s			
The state of the s				10日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日本の日
And the second second second second	reby: authorized to d		Sec	概(関係) はくがたさ たい なんがき さいしょうしょ
Well No.	to be drilled to	THE PERSON AND THE PARTY OF THE	signed by	
cancels Dr	illing Permit No. 12		Issued	
14.77.12		DEPARTMENT	F LOUISIANA OF CONSERVATION	
Form-MD-1	ommissioner, Department	troup to the ten	Note that the same and	Chief Engineer

Form No LAD-26

### STATE OF LOUISIANA MINERALS DIVISION DEPARTMENT OF CONSERVATION

WELL LOCATION CERTIFICATION			
I, M. H. Cunningham		, h	ereby certify
that the location of HUMBLE OIL & RE	FINING COMPANY	S	
R. H. Goodrich, et al "C"	We]	ll No	4
(Name of Location)			
Duck Lake	Field,	St. Martin	Parish,
Louisiana, is as follows: From the n	orthwest corner	of Section	n 2,
southerly 450.5 feet along the west	line of the sec	tion; then	ce, easterly
660 feet, at right angles, to the lo	cation.		
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	<del></del>		
· · · · · · · · · · · · · · · · · · ·	Sec.	77.70	.158 R 11E
	Signed: ////.	Jenn	ugram_
	Licens Engine	ed Surveyor er No. 57	r or Civil
	State	of Louisian	ıa
	Employ	ree of Humbl Refining	le Oil & g Company
	Positi	on Office	Civil Engineer



COPERATOR. L'OCATION OF WELL ADDRESS. ou are hereby authorized to drill 🖁 🔭 his well to be drilled to. TRACTOR Februa: to the least on , referred to under application bearing scrial No. DEPARTMENT OF of the section; thence, masterly DEPARTMENT OF CONSERVATION TO DRILL , 1951 , signed by ................. STATE OF LOUISIANA 1000th Corner of Section BATON ROUGE, LA. taeduo: CONSERVATION zone on surface area o FIELD.\_Duck FOR MINE

- ATFIDAVIT OF TEST OF CASING IN WELL -

WORK PERIT NO. <u>42791</u>

E <u>March</u>	7	<u>, 1951</u>
ľ	E March	E March 7

Houma, Louisiana
(One copy to be filed with the District Office)

NOTE: THIS REPORT WILL HE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED	
PARISH St. Martin FIELD Duck Lake SEC. 2 TWP.15S	RGE 11E
COMPANY Humble Oil & Refg. Co. LEASE R. H. Goodrich "C" WELL NO.	<u>1</u>
TOTAL DEPTH 2,1001	
SIZE OF CASIFG 10-3/4 IN: WT.PER FT. 40.5 #: MAKE National	
no. of threads per if. 8 grade j-55 stamless X new X 2nd	
IF SECOND HAND, WAS PIPE TESTED?DESCRIBE	<del></del>
DEPTH LANDED BELOW DERRICK FLOOR 2,079 FT. SACKS OF CEMENT 500	
SIZE OF HOLE 14 IN.: AMOUNT OF CEMENT LEFT IN PIPE 44.	<del></del>
METHOD OF CEMENTING Halliburton CEMENT SET 12-3/4 HOURS UNDER 500	LBS.
	HOURS
DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG	
DATE OF TEST: March 8, 19 51 . GAUGE PRESSURE ON CASING 1000	_ LBS.
PRESSURE AT END OF THIRTY MINUTES (30) 1000 DROP O	
TEST FLUID: WATER MUD 9.8 LBS. PER GAS: VISCOSITY 33	
REMARKS:	
THIS WORK WAS DONE ACCORDING TO THE RULES AFT REGULATIONS OF THE DEPARTMENT OF SERVATION, MINERALS DIVISION.	' COF-
SIGNED: Humble Oil & Refining Company COMPANY	<del>, ,</del>
MITNESS: HATONO Allegan	
Representative A. J. Chesney, Dist. Supt.	<del></del>
As o oncorogy or box	

Torm Csg. (T)-MD16 WULL

Csg. (T)-MD16

# MINERALS DIVISION DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

6 195)

- APPIDAVIT OF TEST OF CASING IN WELL -

	PERMIT		_ ,,
TIEW.	SERIAL	NO. 12	<u> 791</u>

DATE WORK DONE March 28, 1951

Houma, Louisiana
(One copy to be filed with the District Office)

		•							
<u> 고파</u> : 고프	IS REPORT WII	l 35 returnşi	O I P NO	r PROPERLY	FILED	IN AND S	IGNED		
PARISH	St. Martin	FI	eld <u>d</u>	uck Lake		SEC	. <u>2</u> T	/P. <u>15</u> 8	GE 11E
	mble Oil & R								
SIZE OF C	TH 11,905* ASIYG 7	IN: WT.PER F	23 <b>,</b> 26 32,35	,29 <b>,</b> #:	MAKE J	ones-Lau	ghlin		
	READS PER IN								
	HAUD, WAS P	•							
			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<del>,</del>				<del></del>	
DEPTH LAN	DED BELOW DE	RRICK FLOOR	1,902	_FT. SACK	S OF CEMI	MT 1500	)	<del></del>	
SIZY OF H	OLE 9-7/8	IN.: AMOUN	T OF CE	MANT LEFT	IN PIPE	991	. <del></del>	-	
METHOD OF	CEMENTING I	alliburton	Cement	SET 12	HOURS	UNDER_	500	<del></del>	LBS.
PRESSURE_	<u> </u>		TOTAL T	im set_	Plug not	drilled	<u> </u>	, <del></del>	_HOURS
4		DETAIL OF PR		•					
DATE OF I	PST: 3-30-	19 <u><b>51</b></u> .	GAUGE	PRESSURE	ON CASIN	15	500		_ LBS.
	AT END OF TH								
TEST FLUI	D: WATER_	MUD 10.2	LBS.	PER GAS	: VISCO	SITY <u>l</u>	18		_ SEC.
REMARKS:					·····			<del></del>	
			<del>_</del>		<del> </del>	<del></del>	<del></del>		<del></del>
THIS WORK SERVATION	K WAS DONE AC M, MINERALS D	CORDING TO THE	e rule	AND REGU	'LATION'S	OF THE D	EPARTI	Cena Or	CON
			SIGNED	Humble	e <b>011 &amp; F</b> CO	defining	Compa	ny	<del></del>
witness:	Alle	ted_	<del></del>	<i>A</i> -	Q. Ches	new	,		
	٠			A. J.	Re		tive Supt.		
Form	<u> </u>				,				

WHE

·#					-'6			
<b>6</b> 5∫.		WORK	PERMIT					
PERMIT	TO Perforate		DATE_	March	29, 1	951		
PARISH	St. Martin		-DATIG	Duck 1		<del></del>	—— –	
COMPAN	v Humble Oil &	Refining	Company	:		<del></del> -		
ADDRESS	$_{\rm S}$ P. O. Box 218	O. Houst	on 1, 19:	xas —			—·—	
WELL N.	ME R. H. Good	rich "C"		<u>4</u>	2	155	115	
WELL PI	ERMIT SERIAL NO.	42791		r- ——SE	<del></del>	erfH	f#70 <sup>—</sup>	
LOCATIO	ERMIT SERIAL NO.	omer of	Sec. 2,	South	r1y 4	<del>50.51</del>	along	
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YOU ARI	angles to the	location	1.	<u> </u>		<b>-</b>		₩
				ate 7	casi	OR W/7	2 shot	te.
<u></u>	from LL,654	to 11,66	101	product	don t	est.		-
·	<u> </u>					11,	9051	
PERMIT :	REQUESTED BY		I. J. Che	eaney	<u> </u>	.TD	<del></del> -	: . : - <u>.</u>
				Représent	live //	<i>,</i>		
•		AUTHORIZ	ED BY	<u> </u>	Ma	10		
	•		noum	<b>4.</b>				- 74.7
Form DM 4R			Dis	trict Office			1	- :
· 20M 3-50∴								

# DEFART: EFT OF COFSERVATION STATE OF LOUISIANA

- PERFORATING RECORD -

	MORK PERMIT HO.
DAT "ORK DONE April 1, 1951	WORK STRIAL FO. 42791
Hon	ma, Louisiana
(One Copy to be	e filed with the District Office)
FOTE:	
THIS REPORT WILL BE PETURE !	D IF FOT PROPURLY FILLED IF AND SIGNED
PARISH St. Martin	FIELD Duck Lake SEC 2 TVP 158 RGE 11k
COMPATY Humble Oil & Refining Co.	LEASE R. H. Goodrich "C" "ELL MO. 4
TOTAL DEPTH 11,905	NEW OR OLD WELL New
SIZT CASIFG 7"	DEPTH OF CASING 11,902
DEPTH OF PLUG BELOW PTRECRAFIONS	11 <sub>i</sub> 01
PERFORATED FROM 11,654	TO 11,666'
FUMBER OF HOLES 60	SIZE OF HOLES 15/32"
PURFORATING COMPANY Lane-Wells	TRUCK FULBER 140
PURPOSE OF PURPORATIONS For Prod	duction
REMARKS:	
A.	
THIS MORK MAS DOFT ACCORDING TO MATCHES TO MATCH.	THUMS AND REGULATIONS OF THE DEPART FAT OF
	CTOUTD. W. 15. O.S. t. D. Ct. t. C.
	SIGTED: Humble Oil & Refining Company C O M P A N Y
•	a. D. Chesney
Warmen .	Representative
Form Perf - MD4	A. J. Chesney, Dista Supt.

PERFORATING DATA SHEET

LANE-WELLS COMPANY Ditrite St. 1.8. Operating Base Houses Date 11-31 S. O. 9781938 Truck No. 299 Operator Sct 200 12.5 Helpo Beeckfrounk Customer History In Control of the St. 1. On Authorited Span. Mr. Changes Line Name of Well Lill. Genetic in No. 1. Field Death and St. 1. On 1.			:		PERFUKATING			
Truck No. 224 Operator School							Number Jobs This Trip	)
Truck No. 224 Operator School		District		Operating	Base Houme	<del>)</del>	Date	s. o. # <i>TSJ438</i>
Now of Well of Canadaria No. A.M. Grownshy Pathin St. Marris A. Detection St. Marris A. M. A.M. Arrived At Location P.M. A.M. A.M. Arrived At Location P.M. M. Res. OH Job. A.M.		Truck	No. 294	- F	7.7.71	Help	oer 15.04 AYR	194 K
State Scheduled P.M. Arrived At Location P.M.					Reeg Co.		horized Agent	17 mg 5 1804
Job Scheduled  AM. Arrived At Location  AM. Arrived At Location  P.M. M. Ree. OH Job.  P		Name						
Job Scheduled P.M. M. Res. OH Job A.M. A.M. A.M. A.M. A.M. A.M. Standby Time P.M. M. Res. OH Job A.M. A.M. M. Res. OH Job A.M. A.M. A.M. A.M. A.M. A.M. A.M. A.M		State	Louisin	عير وسع	4 44	1	Wantin	A 14
On Job.  P.M.  M. Res.  Standby Time.  New or Old Well.  Purpose of Perforating.  Learning Record.  Casing Recond.  Casing Record.  Casing Record.  Casing Record.  Casing Rec		Job Sci	heduled		A.M. Arrived			
On Job. P.M. M. Ree. OH Job. P.M. M. Ree. Standby Time  Standby Time  New or Old Well. Lized. Purpose of Perforating Medical Class Kind of Fluid La Equations (Commented In. 2012). Liner Record. Lizer. Commented In. 2012 Liner Record. Lizer.		:	and the second	A184		_	A M	
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Cashing Record 7" 122" Camerited In The Country Depth J1227 Measure Method S.T.D. Customer's Depth J1227 Measure Method S.T.D. Buller Size. 620 Holes from 11667 to 11655 Pt. Type. Controller No. No. Property To. Type. The Controller No. No. Property To. Type. Type. The Controller No. No. Property To. Type. Type		Statistics	Old Wall #2 mad	Durnove of Perfor	wood Brotueti			
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Line-Walls Depth		Cuctors	rer's Depth 11807	Measure Met		Zero	Point 1' Blave	rotore
### Bullet Stee ### Holes from ### ### Holes from ### Holes from ### Holes from ### Holes from ### ### Holes from ### Holes from ### Holes from ### Holes from ### ### Holes from ### Holes from ### Holes from ### Holes from ### ### Holes from #### Holes from ### Holes from ### Holes from #### Holes from #### Holes from ### Holes from #	15."	Lane-W	/elle Denth // 75%	Size Gun	. No. No.			
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FORM 122 10M 11-50 M

RUNNING TIME **REMARKS** 1) A.M. P.M. In From A.M P.M Out From Fluid Out. Holes. Total Misses Total 2) A.M. In From .to. \_P.M. A.M. \_P.M. Out From. Fluid Out. .Total Total Misses. 3) A.M. P.M. A.M. P.M. In From Out From ·Fluid. Out. ln\_ Holes\_ .Total Misses\_ Total A.M. \_P.M. In From A.M. P.M. Out From\_ Fluid \_Out\_ Holes. .Total Misses\_ \_Total 5) A.M. \_P.M. A.M. \_P.M. In From Out From • \ 5. 50 m + 5.3 % Fluid\_  $I_{I} \otimes \wedge_{I}$ ln\_ Out. \_\_Total\_ Holes. 28 P. J. G. S. S. S. S. . . . \_\_\_\_Total\_ Misses. La Marie Marie A.M. P.M. A.M. P.M. 6) In From Out From. Fluid Out 1 ln. Holes .Total Selection of the £ . 4.<sub>2</sub>, .  $2\pi_{\rm e}$ · Misses 25 72 2 23 73 and the second 3 G 804 Sec Mileage: From Mileage: From.

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#### POTENTIAL REPORT



Type Well: Oil X X \_\_\_Gas\_\_ Type Test: Comp. XX Recomp. Retest. Parish At Marker Field Duck Lake Company Humble Dit Reliant Serial No. 42791 Well Name & No. R. H. Anndrick "C-4 Location: Sec. 2 Twp. 15 Rge. // Flowing / Pump. Prod. Horizon 1/600 Perf. Int. 1/654 to 1/666 Casing Setting: Size 7 @ 11902 Tubing Setting: Size 2 1/6 @11573 T. D. 11905 Date Completed 4-3-5/ Date Gauged 4-6-5/ Acidize with gals, Elev. of Derr. Floor TEST DATA -Closing TK Gge. 1 tt. 9/2 in. @ 1:00P.M. Time Opening TK Gge. / ft 6 in. @ 10:00A-77. Time Diff O ft 3/2 in 3 Hours (Time) Tank No. 2766 Tank Coef. 5.4/ Bbls, Per 3 Hrs. 18.94 Est. Bbls. Per Day 152 Daily Gas Vol. 620 \*"M"C.F. G/O Ratio 4079/ B.S.&W. 10% Corrected Gravity 34.0 Deg. A.P.L. Witnessed O.A. Kall & Title Farm 18 District Office Houma, La Remarks: Das!" Plate 4" & J. 5" Pres 9.2 1-10 Chart 5 00" meter

<sup>•</sup> Thousands

	CONTRA	Фертн <u>12,50(</u>	)	NEW	•	<b>-5-51</b>
	<b>.</b>					
i	PARISH St					
-		ck Lake		FINAL		
	SERIAL No	42791	<del></del>	sec <u>2</u>	_ TWP_]	L <u>5S r. 119</u>
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	right angle	s to the loc	ation in !	Sec. 2, T-1	5S, R-1	.1E.
	COMPANY_	Humble Oil	& Refining	c Company		
	LEASE 1	R. H. Goodri	ch et al	ii C ii	WELT. N	
		DED IN				
	CASING SET  Conductor  Surface		079i/5	Intermediate Ø <b>d</b> Oil String		
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);	3-29-51	Ref-4#70				
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		C.P.O. B.S. +				
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#### ORIGINAL

(THREE TYPEWRITTEN COPIES MUST BE FURNISHED THIS SEPARTMENT)

# STATE OF LOUISIANA DEPARTMENT OF CONSERVATION MINERALS DIVISION

#### LOG OF WELL

F	IELD_	1000				COMPANY	Sept of	1.64	Ceine	Commen	·
_	26.26	Sellen medic Herry	٠	. Also	n. <b>海豚</b> 或	5 m 4 4 4 5 mm	Derri	ick Floor	21,0	)*	——— <del>-</del>
P	arish A		ا معتمدی والمعتمد م	Sec.	Twp. Ages March Ages	Rge. Elev	Grou	nd	<del>- Micr</del>		
L	ocation &	er meran		Tree of	PERSONAL PROPERTY.	2, tentheri	HETERET OF	Marie .	NO COME	660° ±	o lebelion.
	ense <b>tt_ St</b> _	ineda.	· ·	Vell No.		Permit No.	2773 (7	Permit	t Serial No	4.270	<b>1</b>
	. The da	ıta given l	herewith is	a complete	record of	the well and all	work done ther	eon as d	letermine	from al	l available
	ecords.		he	Amile. Will	10	Completed		<b>4</b>	44.4		19
Н	Began Drilling		mpleted as	Oil (Mar)		Condensa		y ( )	Well		- 1-0
	OU AN	D GAS Z				WATER SAND	16	F	RESH W	ATER SA	ANDS
_									Marie.		
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,F	rom	to 🐙	feet feet		From	to	leet	From		to	
					DRII	LL STEM TEST	s				
D	epth		Recovery in Si	ands		Chokes	Lbs. Pressure	e I	Date	Time	Size D. S.
Sent	Bottom	Oil	Water	Sd. or Muc	Тор	Bottom	Тор Во	ottom			· _
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Size	Wt. Per	Foot	1	Make		Where Landed	No. of Sks. Cen	nent	Stood Ho	urs	Pressure Test, Lb
<b>16</b> #	55		<b>Metal</b>	<b>9</b>		135.93		_			
io a A	20.5			<u> </u>		*****					1029
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	 ö				COM	IPLETION DAT	A				
7	Liner Size		Weight	Tæ		Screen siz		age	Lo	ength	
	Casing Perfo	- Andrew	=	_	-		666	•	No. of ho	les	<b>.</b>
					signl or oh	emical treatment					
		4. 44.4				bbls./day	-				
						lbs./sq. in	•				_
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	D. S. & W		%. Gas €	ravity			, F	. Gais.	Gasonne,	M. O. F.	
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,	COLO MIGINSI	5 <b>4</b> *	chott		to	<del></del>					
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	Latitude	-				. Average		<i>;</i> ≯	ternial (	ATT COMMI	
•	Drilling Cont	ractor		70018		Signed			~		
	Date		فضدد نص	4-4.		Title	سقد فقال الاستين العنظوف	445		<b>-</b>	

The state of the s

Houma, Louisiana DISTRICT APK #
WELL COMPLETION OR RECOMPLETION REPORT
OIL WELL (X)
DIS. WELL ( ) One copy to be filed with District Of-
GAS WELL ( ) fice within three (3) days of date of completion or recompletion (as per Order Vo. 29-A, Section X, Paragraph A, Article 1.)  RECOMPLETION ( )  PERMIT  SERIAL NO. 42791
PARISH St. Martin FIELD Duck Lake SEC 2
SEC. 2 TWP. 138 RING. 11E
COMPANY Humble Oil & Refg. Co. LEASE: R. H. Goodrich "C" WELL NO. 4
DRILLING CONTRACTOR Co. Rig #29 DAME SPUDDED (MXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
DATE COMPLETED ***********************************
COMPLETION DATA:
INITIAL PRODUCTION - 138 BBLS./DAY (NET)
Management
Overse and the control of the contro
CHOVE
D. C. A. M.
CAG WASH WATER(X)
GAS VOLUMEMCF/DAY
GAS/OIL RATIO 2.722 CF/BBLS.
GRAVITY 34.0 (60° A.P.I.)
PRODUCING DEPTH 11,65h; FT. TO 11,666 FT.
PERFORATED YES (X) NO () BOTTOM TUBING 11573 FT. SIZE 2-7/8[N. OD
CASING (OIL STRING) SIZE 70 IN. I.D. ( ) C.D. ( X ) BOTTOM SEAT FT.
TOTAL DEPTH DRILLED 11,905 FT. TERRICK FLOOR ELEVATION 21.0 FT.
Additional clearance is requested for barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on
Humble Oil & Refining Company C O M P A N Y  Cover)  Company  Comp

This side to be used when requesting clearance for oil produced on Brill Ste. Test or other production tests; made previous to official completion or recompletion.

Section X, Peragraph B of Order Fo. 29-A Allowables given to wells for oil produced on drill stem tests, production test and any miscellaneous production of oil shall be in accordance with the following rule: All operators are required, within five days, to file three signed copies

of the record of the daily production from the well, showing the number of hours the well produced and the interval of production; as "from 8:00

A. M., August 5th, to 3:00 P. M., August 8th, 1942."

•	TEST DATA	AMOUNT OF OIL PRODUCED
DATE OF TEST		BARRELS
. 19	P1, 1V	BARRELS
19	.M. TOM.	BARRELS
19	M. TOM.	BARRELS
19	.W. TO .W.	BARRELS
19	.м. том.	BARRELS
19	M. TOM.	BARRELS
19.	M. TOM.	BARRELS
1.9	.N. TO	BARRELS
19	M. TOM.	BARRELS
19	.M. TO	BARRELS
	. K. TO	BARRELS
·	, TOTAL:	**************************************
The above total bar	rrels of oil was produced from	Ft. to
		COMPANY
		COMPANY REFRESENDATIVE

FORM -SDM-1-R (LAGE)

7.	WORK PERMIT
	ERMIT TO Norkdyor DATE 2-18-52
	PARISH St. Martin PHELD Duck Lake
	Rumble 911 & Rfg. Co.
٠	TOX SIGN, HOUSION, TOXAB
	WELL NAME R. A. GOOGRICH "I" No. SEC. T. T. R.
	WELL PERMIT SERIAL NO. WORK BERMIC NO.
	COUNTY ANDE FES HA COLOR SEC.S. DITA GOOD STORE OF WATTING
	if the sec. thence s/ly, 660 at R/A to the loc.
.;	YOU ARE HEREBY AUTHORIZED TO ST. Present refferations in ?" desing
1	com 11,654 to 11,666 W/150 sz., coment & reperferate from
	11,630 to 11,642 w/24 shots for prod.
	TD 11(70)
٠.	PERMIT REQUESTED BY R. S. SEGTY
	Company Representative

AUTHORIZED BY

District Office

5rm.1)M-4F 43: C2 39

# - SQUEEZE AND PERFORATE RECORD - (Workover)

DATE WORK DONE 2-20-52	(MOLKOVEL)	WORK PERMIT NO. W.OH#3	32
DATE WORLDONE	<del></del>	WELL SERIAL NO. 12791	
·	Houma, Louisians to be filed with th		
<b>,</b> -	to be filed with th	e District Office)	
NOTE: THIS REPORT WILL BE RET	URNED IF NOT PROPERL	Y FILLED IN AND SIGNED	
PARISH St. Martin	FIELD Duck L	sec 2 Twp 15s RGE	_jje
COMPANY Humble Oil & Refg. Co.	LEASE R. H. (	loodrich "C" WELL NO. 1	
TOTAL DEPTH 11,905			
SIZE OF CASING 7"	DEPTH OF C	ASING 11,902	
METHOD OF PLACING CEMENT Dri	11 Pipe and Pump		
WHERE CEMENT RETAINER SET: DEF	TH 11,609 FT.		
ZONE OF SQUEEZE FROM 11,65L			
NUMBER OF SACKS USED			
BARRELS OF WATTE FUMPED LEFORE			
PREAKDOWN PRESSURE	OO# FINAL	PRESSURE <u>5600#</u>	
SQUEEZE JOB DONE BY Hallib			
PIF FORATED FROM 11,630	TO 11,642	-	
NUMBER OF HOLES 48	SIZE OF	HOLES Kone Shots.	<del></del>
PERFORATING COMPANY Lane-Well	s Company	TRUCK FO. 176	
REMARKS:			
THIS WORK WAS DONE ACCORDING TO SERVATION, MINERALS DIVISION.	O THE RULES AND REGUI	LATIONS OF THE DEPARTMENT OF	CON-
	SIGNED: Humble	Oil & Refining Company	
	10	COMERNI	
	Ki	V. User	
	ጉ. ዞ. ነ	Representative	

Form Sq & Perf -MD 13

, <del>4</del>	# PEDEODATIA	IG DATA SHEET		9
LANE-WELLS COMPANY	THE THE PARTY OF T	IG DATA SHEET	Perini I	Verbal
	Zhaza Operating Base Sa ka -	New Thosen	Number Jobs This Trip	) (I) ONE BORGE
Truck No. ZZG	Operator Mushing, W.E.	H	Lelper <i>AOP641 S</i>	), U. #_ <del>/*U/8</del>
Customer Aunible Name of Well RH. Gra		A	uthorized Agent	service & L
State LOUISIONA		No. Samuel Parish 53	ield. <u>QUCA LOA</u> A MONTAN	<u> </u>

PEINTED IN M.E.A.

State_	Louisiana	<del></del>		Parish 52	Montin	<u> </u>
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	y Time	F.M	M. Res. C		Temp P.A	۸N
Mar or	Old Well OM	2 Purpose of Perfor	ating Product	Kind of Fluid	Mist V.s L	evel Fig !
asing	Record_ 4"26	Cemented In_	918" Q.H Lin	er Record		
ustom	er's Depth	Measure Method	Stroin	Zer	o Point <u>/4 (2)/</u>	US THE S
ane-W	/ells Depth // 45/6	Size Gun <u>5</u>	NoNo	Type		No. <i>681</i> No
uliet S	Size 70	Holes from 11641	_to///629_Ft	Holes	from jor	
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Out From	to	P.M.						<del></del>	
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Holes	Total								
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Out From		P.M.			<u> </u>				
Fluid		-				<u> </u>			<del>_</del> ————
In	Out			<del></del>	· · · · · · · · · · · · · · · · · · ·			<del></del> -	
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Misses	Total								
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Out From	to	A.M P.M. ]							2.5° × \$1 P 25143 (25)
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6)		A.M.		<u></u>	<u> </u>			<del></del>	10
In From	to	P.M. A.M.	<u></u>	<del></del>	<del></del>			-	<u> </u>
Out From_	<u></u>	A.M.	1 87.53 T	· · · · · ·					
Fluid	15135.13				16.770	est in the second	معرائع فروع الاردوميغ		
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Holes	Total_	150,000 m	The second of the second	<b>3</b>			1. Can 6. 1 34	99 - 99 (p.)	6 22
Misses	Total	- * . *. *. * <u>*</u>	The second second	- in Nove			4 1	City di Tab	
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Mileage: Fra	om				_10				

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### 10 POTENTIAL REPORT Type Well: Oil X K Gas Recomp: X KRetest Type Test: Comp. Parish At Maritan Field Duck Lafte Company Heart & Cel SHig Soffi No. 42791 Well Name & No. Goodwich C Location: Sec. 2 Two 15 Sage // Eplowing X Pump Prod. Horizon // 600 Perf. Int. 11630 to 11642 Casing Setting: Size\_ 21/2 @11512 TD/1905 Tubing Setting: Size R 52 Date Gauged 2 Date Completed \_\_\_gals. Elev. of Derr. Floor\_\_ TEST DATA TP 1/900 CP 314 0 10:0 Diff. Dett. 2 /2 In Tank No. 2765 Tank Coef. 5. Bbls. Per 2 Hrs 13.5 2st. Bbls. Per Day / 6 3 Daily Gas Vol. 165 "M"C.F. G/O Ratio 1010 % Corrected Gravity 37.6 Cog. A.P.I. B.S.&W. 110 District Office 14032 (assign Form S D M-2 1050

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٠.	•	DEPTH		NE	W ELL_	_ <del></del>
	DRLG. CONT	TRACTOR		wo	RK OVER_	
	a.			EXI	PIRED	
· 🕍	parish_S1		<del></del>	REI	NEWED	
	FIELD Du			FIN		
	SERIAL No.	42791	SE	c2	TWP. <u>1.5</u> 1	S RIE
•	LOCATION (	of well <u>F</u> r	om the IN	Cor. of S	ec 2, <b>S</b>	/1y 450.51
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	the loc.				· · · · · ·	
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	COMPANY_	Humble Oil	& P.f.=	Co.		_
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	CASING SET				<del></del>	
1	Conductor	·		Intermedia	ıte_	
				Oil String.		
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	2-22-52	(W.O.)Perm	it to so	present p		<del></del>
		ions in 711	Casing f	rom 11,654	- <u>20</u>	· <del> </del>
<u>:</u> .		11,666' w/	150 sx	cement & r	eDerfor-	<del> </del>
:		ate from 1	1,630 to	11,642' w/	<u>opozioi -</u> 24shots	
di e		for prod.		E Car March 1 (1994) March		11,905
	Secretar Mark California and Paris - No.		)			
	2-29	(W.O.)	- comp	2-23-	52	
		162-6	us, on	10 3. 7	T. P. 1902	
		Cy P. C	) <u>k</u> y <u>s</u>	Aw. 1/2		 
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OIL WELL ( DIS. WELL GAS WELL (	WELL CO  WELL CO  One co within tion o	STATE OF  Duma, Louisia  MPLETION OR  NO  Py to be fill  three (3) d  r recompleti	RECOMPLETION REPORT  COMPLETION ()
•	· • • • • • • • • • • • • • • • • • • •		
PARISH · ·	St. Martin FI	ELD Duck	Lake SEC. 2 TWP.15S RNG.11E
			H. Goodrich "C" WELL NO. 4
•	·		DATE SPUDDED (OR W.O.) 2-15-52
a			
DATE COMPL	ETED OR RECOMPLETE	D 2-23-	1952, ATA.M. 02:21 P.M.
	<u>C</u> <u>O</u> <u>M</u>	<u>P L E T I O</u>	N D A T A:
Ī	NITIAL PRODUCTION	162	BBLS./DAY (NET)
Ť	UBING PRESSURE	1900	_#/sQ.in.ga. Flowing (_X_) shut in ()
C.	ASING PRESSURE	Ö	#/SQ.IN.GA.
C	HOKE SIZE	1/8"	POSITIVE (X) ADJUSTABLE -()
В	. S. & W.		PERCENT SALT WATER () WASH WATER(_X_)
G.	AS VOLUME	1.55	_MCF/DAY
G.	AS/OIL RATIO	1020	_CF/BBLS.
Gl	RAVITY	37.2	_(60 <sup>©</sup> A.P.I.)
	DODUGENO: DEPORT	77 /20	

PRODUCING DEPTH 11,630 FT. TO 11,642 FT.

PERFORATED YES (X) NO (\_\_\_) BOTTOM TUBING / FT. SIZE 2-1/2 IN.

CASING (OIL STRING) SIZE 7 IN. I.D.(\_\_\_\_) O.D.(\_X\_\_) BOTTOM SEAT/FT.

TOTAL DEPTH DRILLED 11,905 FT. DERRICK FLOOR ELEVATION 21.0 FT.

Additional clearance is requested for \_\_\_\_\_ barrels of oil produced on drill-stem or other production tests. (See Section X, Paragraph B, of Order No. 29-A on reverse side.)

HUMBLE CIL & REFINING COMPANY

COMPANY REPRESENTATIVE R. H. Ussery, Dist. Supt.

FORM - SDM -1-R (Over)

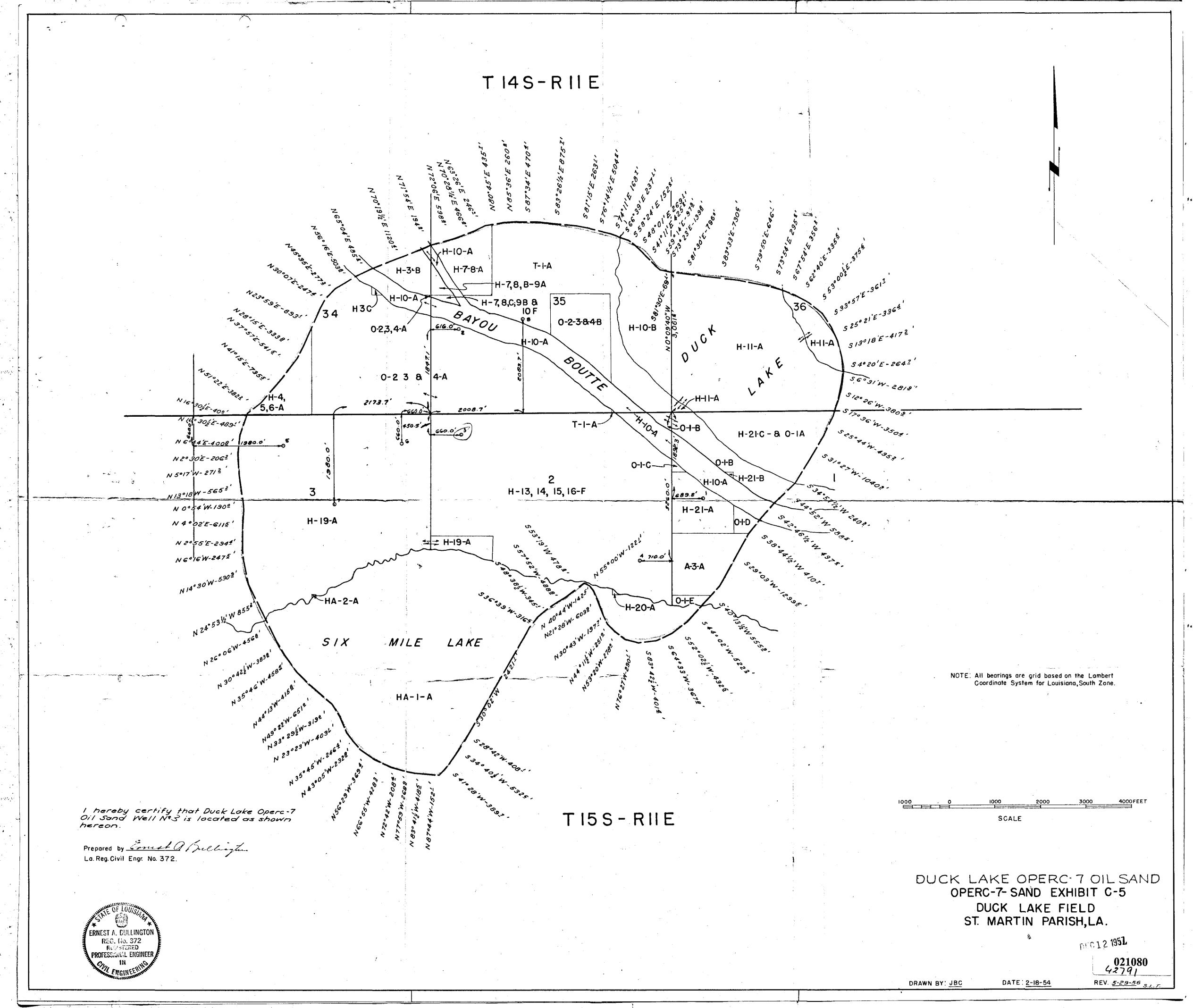
# DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

This side to be used when requesting clearance for oil produced on Drill Stem Test or other production tests; made previous to official completion or recompletion.

DATE OF TEST	TEST TIME OF	DAATTAA TEST	AMOUNT OF OIL PRODUC
 19	M. TO	M.	BARREIS
. 19	M. TO	.M.	BARRELS
19	M. TO	•M•	BARRELS
19	M. TO	•M•	BARREIS
19	-M. TO	•M•	BARRELS
19	M. TO	•M•	BARRELS
19	M. TO	•M•	BARRELS
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19	M. TO	•M•	BARRELS
19	-M. TO	•M•	BARRELS
19	M. TO	M.	BARRELS
	TOT	'AT.	BARRELS

FORM - SDM-1-R (Over) COMPANY REPRESENTATIVE

COMPANY



13	To Vering	r Cross	Q	UADRUPLICA	TE TO DISTR	ICT OFFICE	end will	. MATE	a no.	
:	$N_0$	1074	'· <b>-</b>	DEPARTME	NT OF CONSE	ERVATION	. :		7 (	
		7	AMENDE	D PERMIT	TO DRILL	FOR MI	NERALS		X	
A Later Saint	PARISH	St. H		notining.	BATON ROU	ige, la., Duck Lake	Decelio	r.31.	19.	<u>57</u>
Ž,	OPERATO	OR	2160. Ho	uston, Tex	OR.S	·				
Ï	ADDRESS	-	From N	W/Cor. of	Sec. 2, 5/	ly 45045*	along t	I/L of	Section	<b>松</b>
ę.	thence	"t/Ty "65	0.0° at R	JA to loce	zion.					
Y	Former.	ly R. H.	Goodrich	et al #C	Well #4					<u> </u>
1. 1.					les Operc.	r Sec. 2	T	158	, R. 11	<u> </u>
11	You are h	ereby auth	orized to drill				1.00000			
a A C Sh	Well No.	12/11	157-, referre		plication bearing		elent An			
	This well	to be drille	£.1	221		on surface	area of		19	_acres
9 6 7	DRILLIN	G CONTRA	ACTOR	D STA	TE OF LOUIS	ANA	<del></del> .			
* A. A. S.	Lo	lm 1.	3. 4		ENT OF CONS		_			
í. E			Department of	ConserVation			Chief Eng		M Sets 9-5	4 T.J.M
	Form MD-	15-R			,	******				*****

Apr

Work PERMIT	
Courage & Postrometre 1/201/20	
PARTON St. Partin FIELD Buck Lake	- '
Himble (41 & Refinite Communic	
P A Rev 218A Houston ( "Yeas	
	N.O.
WORK PERMIT NO. THEY CLIENTED	70/
and the state of t	× 19
thomas Rive 660.08 at RiA to location.	
VOUSABE HERERY AUTHORIZED TO Squeeze present perforations in	70
casing from 11,630 to 11,642 feet W/150 sacks of Co	MOLL
and perforate from 11,740 to 11,765 feet W/100 shot	8.
<sub>TD</sub> 11.905	
T T Chamler	
Company Representative	
Ja Han A techand	ノル
AUTHORIZED BY CONTRACTOR	(*** a)
ACCOUNTY OF THE PROPERTY OF TH	
	COMPANY Himble Oil & Refiring Company ADDRESS P. O. Box 2180 Houston 1, Texas WELL NAME D. L. Operc. 7 Oil Sand No. 3 SEC 2 T 158 118 WELL PERMIT SERIAL NO. 12/31 WORK PERMIT NO. 563-76-77. 118 LOCATION From NW/Cor. of Sec.2, S/1y 450-5 along W/L of Sec thence E/ly 660.01 at R/A to location. YOU ARE HEREBY AUTHORIZED TO Squeeze present perforations in casing from 11,630 to 11,642 feet W/150 sacks of ce and perforate from 11,740 to 11,765 feet W/100 shot

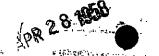
### -SQUEEZE AND PERFORATE RECORD-

DATE WORK DONE 4-20-58	WORK PERMIT NO. W.O.H-98
	WELL SERIAL NO. 42791
Houma, Louisiana	·
One copy to be filed with	the District Office)
N O T E: THIS REPORT WILL BE RETURNED	IF NOT PROPERLY FILLED IN AND SIGNED
PARISH St. Martin FIELD Duck	Lake SEC 2 TWP 158 RGE 11E
Humble Oil & COMPANY Refining Company LEASE Duck La	ke Operc. 7 Oil Sand WELL NO. 3
TOTAL DEPTH 11.905 feet	NEW OR OLD WELL Old
SIZE OF CASING 70	DEPTH OF CASING <u>11,902</u> feet
METHOD OF PLACING CEMENT	and pump
WHERE CEMENT RETAINER SET: DEPTH	<u></u>
ZONE OF SQUEEZE FROM	то 11,642
NUMBER OF SACKS USED 150	HOURS CEMENT SET 24
BARRELS OF WATER PUMPED BEFORE CEMENT	10 AFTER 5
BREAKDOWN PRESSURE 3200#	FINAL PRESSURE 5500#
SQUEEZE JOB DONE BY <u>Haliiburton</u>	
PERFORATED FROM 11.740	TO <u>11,765</u>
NUMBER OF HOLES 100	SIZE OF HOLES Kone Shots
PERFORATING COMPANY Lane-Wells Compan	TRUCK NO. 137
REMARKS: <u>Nixed 150 sacks of cement, squ</u>	eezed 7h sacks through perforations,
left 6 sacks in casing below tool, and	reversed out 70 sacks.
THIS WORK WAS DONE ACCORDING TO THE RUI OF CONSERVATION, MINERALS DIVISION.	ES AND REGULATIONS OF THE DEPARTMENT
	SIGNED: Humble Gil & Refining Company C O M P A N Y
	Sel Wheelell
	REPRESENTATIVE

JBBJUL 1 6 1958

E. E. Marshall, District Superintendent

Form
Sq & perf-MD 13



# PERFORATING DATA SHE

ه بر	OR 201		*.	24 - 24 - 24 - 24 - 24 - 24 - 24 - 24 -	- (**	
<b>P</b>	2.1	PI	RFORATING	DATA SH	-	not VEREA
LANE-V	WELLS COMPANY			contribute of the con-	Number Jobs This	Trip DHE BARE
District_	SOLA	Operating E	Base N.E.	·	Date_ 4 - 23 - 58	_s. o. # <i>59806</i> _
Truck N	0.437	Operator # 1.5	7. + 1.		Helper #1# FTI	
Custome	er Humai	E OPERCHT	CHE CO	/	Authorized Agent	· · · · · · · · · · · · · · · · · · ·
Name of	-0015,AM	A DERENIA	ALC ZANO No	County/Parish_5	rield <u>vuck er i</u> rim ar v	
Sidie	7 M. V. Marie		A.M	Location		A.M.
Job Sch	reduled	·	P.M. Arrived	At Landing	· · ·	P.M.
On Joh		A.M. P.M	AN Res	Off Joh	A. P./	M. <u>VM.</u> Res.
Ctanalla.	. <del>The State of the State of th</del>	•		Max	c. Temp	° F.
New or	Old Well Old Well	Purpose of Perfor	ating Pro D	Kind of Flu	id 1015-50 1	evel FULL
Casing	Record 323	Cemented In_	ii	iner Record	ero Point /BELCU	
Custome	ers Depth	Measure Method	S No No	4	Controller	No.786 No
Bullet S	ize /00	Holes from 11766.	to 1174/ Ft_	Holes	ofromto	Ft
Holes fi	romto	Ft. Shooting	Zones Approved B	y. 73 0 (N.	laure	Title
	1	2 20	Ī			
	Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
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RUNNING TIME		REMARKS	
1)	A.M.		
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Out Fromto	P.M.		
Fluid			
InOut			
HolesTotal			. <del></del>
Misses Total			
2) In Fromto	A.M. P.M.		·
Out Fromto	A.M. P.M.		
Fluid			
InOut			
HolesTotal			
MissesTotal			
3)	A.M.		
In Fromto	P.M. A.M.		
	P.M.		
Fluid			
InOut		•	
, HolesTotal			
MissesTotal			
4) In Fromto	A.M. P.M.		
Out Fromto	A.M. P.M.		
Fluid			
InOut			<del> </del>
HolesTotal			
Misses Total			· ·
1 5)	A.M.	\$5.50	<del></del>
In Fromto	P.M. A.M.		
Out Fromto	P.M.	1141 3000	
Fluid		17.45	
InOut		Section of the sectio	
Holes Total	<u> </u>	The second secon	<del>*</del>
MissesTotal			
6) In From to	A.M. P.M.		
	A.M.	#1.4%	
Out From to State	P.M.		
In Quit		,	
Holes	£3	HI EN IN THE	
Misses Total		1. E. m. 1. M.	7.11.5
<del></del>		17.1.15	45.45.4 C
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Wileage: From		to	<u> </u>

LONG

# DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

Houma, Louisiana DISTRICT

### WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL () Three copies to be filed with District Office within three (3) days of date of	COMPLETION ()
DIS. WELL () completion or recompletion (as per	RECOMPLETION (X)
Order No. 29-A, Section X, Paragraph GAS WELL ( ) A, Article 1.)	PERMIT SERIAL NO. ( <u>42791</u> )
GAS INJECTION WELL PARISH St. Martin FIELD Duck Lake	SEC 2 TWP158 RGE 11E
COMPANY Humble Cil & Refining Co. LEASE Duck Lake Op	Sand erc. 8 Oil/WELL NO. 9
Williams Drilling DRILLING CONTRACTOR Co. Rig #2 DATE S	PUDDED (OR W.O.) 4-16-58
DATE COMPLETED OR RECOMPLETED 4-26- 19	58, AT 06:00 (A.M.)(XEXXXXX)
COMPLETION DATA	
INITIAL PRODUCTION -	BBLS./(NET)
	ING( ) SHUT IN ( )
	ADJUSTABLE
B.S. & W PERCENT SALT WATER ( )	
	-
GAS VOLUME -	MCF/DAY
GAS/OIL RATIO	CF/BBLS.
GRAVITY	(60 degrees A. P. I.)
PRODUCING DEPTH 11,740 FT. TO	11,765 FT.
PERFORATEDYES (X) NO () BOTTOM TUB	
CASING (OIL STRING) SIZE 7 IN. I.D. () O.D. (_	
TOTAL DEPTH DRILLED 11,905 FT. DERRICK FLO	OR ELEVATION 21.0 FT.
	s of oil produced on drill-
stem or other production tests. (See Section X, Paragraph Freverse side.)	3, of Order No. 29-A on
Thumble Oil	L & Refining Company COMPANY
	COMPANY
FORM SDM-1-R  JBB Minerals, Houna Dist COMPAR  Acting Dist	_
FORM SDM-1-R  JBB Minerals, Houma DistCOMPAI  E. J. Star	NY REPRESENTATIVE
Acting Dist	trict Superintendent

## DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

This side is to be used when requesting clearance for oil produced on Drill Stem Test or other Production tests, made previous to official completion or recompletion.

#### SECTION X, PARAGRAPH B OF ORDER NO. 29-A

Allowables given to wells for oil produced on drill stem tests, production test and miscellaneous production of oil shall be in accordance with the following rule.

All operators are required, within five days, to file three signed copies of the record of the daily production from the well, showing the number of hours the well produced and the interval of production -- as "from 8:00 A.M. August 5 to 3:00 P.M., August 8, 1952."

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:	T E-S T- D A T A	4 M	OUNT OF OIL
DATE OF TEST	TIME OF TEST		PRODUCED
	м. то	_M	BARRELS
	м. то	M	BARRELS
	м. то	_м	BARRELS
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	м. то	_M	BARRELS
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c ,	м. то	M,	BARRELS
:\\ e_i_	м. то	M	BARRELS
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*			BARRELS
The above total barrels of oil we			
REMARKS:			
<u> </u>	<u>,i</u>		
		СОМ	IPANY
FORM SDM-1-R		COMPANY REF	PRESENTATIVE

				ISSUED	
CONTRACT	DEPTH		N	WELL	/20/58
DRLG. CONT	RACTOR	PR			
	ST. MARTI	ΞN			
PARISH	UCK LAKE			NEWED	
				NAL EXP	
SERIAL No.	42791 F WELL FR	OM NW/COE	C~	7WP. 175	8. 114. 60 61
LOCATION O	WELL 11 W/L OF SEC	THENCE	E F/LY 660	OF AT R/A	TO LOC.
	,		2/22 000	7. 11 11/1:	
	HUMBLE	OIL & RI	EFINING CO	MPANY	<del></del>
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		Se.	תאדאם ד		
	DED IN				, 19
CASING SET					
			Oil Strin	ıg	<del></del>
	WORK	PERMITS IS	SSUED ON T	HIS WELL	··· <del>····</del> ··
Date	Pormit	Date	Permit	!! Date	Permit
4/20/58	W.O.H#98		i i		
		 		<u> </u>	
		•	<u> </u>	-	
·	<u> </u>	<u></u>	 	<u> </u>	<u> </u>
Date	<u></u>	Conditio:	n of Well		Total Depth
a <b>5</b> 2/58	(W.O.) SQ				
			TO 11,64		
	<del></del>			ERF. FROM	
بارد والمستخدم	11,740 TO	11,765 F	TET W/100	SHOTS.	11,905
	1 10 10	12	11.26 71 11 T	*.	
3 4	1.6		7/- 0		
	# 8	S. D.	-2-20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	7.2 o -/	
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NO: 126	07 A AVENDED	NOREIUA DE T	O DISTRICT OFF	ICE TOTAL	-P2
		EPARTMENT OF	CONSERVATION	The state of the s	Who was
A CASE OF THE PROPERTY OF THE	AMENDED P	ERMIT, TO	DRILL FOR	MINERALS	
to the confidence of the	Notice of the state of the state of	ВАТО	N.ROUGE, LA.,	THE PROPERTY AND THE PARTY AND	jaite o li
PARISH			FIELD RESE	The same of the sa	
OPERATOR M	The second second	100		Control of the Contro	
ADDRESS		The Paris		<u>amina ya kasa kwa 100 Na mata 1971 ya</u> Maraka 1981 a Mara 1981 a 1981	<u>.h. 1</u>
LOCATION OF	VELL TRANS	Part Colonia Colonia	Service Commission of the Comm	en in the second of the secon	<u> </u>
	A THE SECOND	C. July 1. September 1971 September 1971	A STATE OF THE PARTY OF THE PAR	<b>用了种中心 \$26.2</b> 中华 中华	<u> La François</u>
			indra (filosoficial) de la completa br>En completa de la co	ANTERIOR AND ANTER	<del> </del>
West and the last of the last		e de la company de la comp La company de la company d	Alexander (1995)	Property of the second	******
You are hereby a		Second Second	Sec.	T	R
The state of the s	utnorized to drill	Committee of the Commit	CPULL S CL.	Mary 1	
	referred to u	nder, applicatio	n bearing sorial	No. 1837	
The same of the sa	And the second state of th	19	aigned by	The second secon	
This well to beed		And the second s	zono on surface	area of	
	Permit No. 2257	The second second	Issued		10
DRILLING CONT					
		STATE OF L	OUISIANA		7
aklon		ARIMENT OF	CONSERVATION	الما الما الما الما الما الما الما الما	· /
The state of the s	ongr Department of Conse	Loses		TO ME LY DOMESTIC TO A	

### PACKER SETTING CERTIFICATE

(To be submitted in duplicate with the District Manager in whose District the well is located)

I, A. H. Townsend , having full knowledge of the facts	here-
Name of Party Making Certification	
below set out, do state:	
That I am employed by Humble Oil & Refining Company in the capac	ity of
Field Superintendent , that on January 29 , 19 62  Date	, 1
personally supervised the setting of a 7", Model "D", Baker Production Packer	
Make and Type of Packer	
in Humble Oil & Refining Company . Duck Lake Operc. 8 Oil Sand	,
Operator of Well Lease Name	
Well No. 9, located in the Duck Lake Field, St. Martin	
Field	
Parish, Louisiana at a subsurface depth of 11,670 feet, said depth measurement	hav-
ing been furnished me by Wire Line Measurement; that the purpose of se	tting
this packer was to effect a seal in the annular space between the two strings of pipe v	here
the packer was set so as to prevent the commingling, in the bore of this well, of fluid	s pro-
duced from a stratum below the packer with fluids produced from a stratum above the p	ack-
er; that this packer was properly set and that it did, when set, effectively and absorber	lute1y
seal off the annular space between the two strings of pipe where it was set in such ma	nner
as that it prevented any movement of fluids across the packer.	
This is to certify that, to the best of my knowledge and belief, the information	con-
tained herein is true and correct.	
Signed A. H. Townsend	
Title Field Superintendent	
·	<del></del>
Representing Humble Oil & Refining Company	··

From P. S. No. 1

Form MD-15-R-C DISTRICT OFFIC	E COPY	No. 27331	A-C
STATE OF LOUISIANA AMEND WELL NAME	& SELL NO.	No. 27331	11-0
DEPARTMENT OF CONSERVATION	70	Amended Permi	t (Corrected)
AMENDED PERMIT TO DRILL	FOR MINEDALS		
	BATON ROUGE, L FIELD: <b>Duck: I</b>	:A. <u>, 3-14-02:</u> .ake	19
OPERATOR: Humble Gil & Refining Com		-	
ADDRESS: P.O. Box 61812	-		
New Orleans 60, La.			
WELL NAME: DL Operc & SU:Goodrich W	C#	NO.	4 (9)
LOCATION OF WELL; Sec. 2 T 158	B IIE NY	Cor. of Sec.2.	. s/l+
450.5 along W/L of Section, thence	E/ly 660.0' at R	/A to location	<b>3</b>
J		, ~	
(FMLY: Duck Lake Operc 8 0il Sd W	ell No. 9 )		1.5
Zone or Reservoir of proposed completion:			- 31 - 51 - 52
Applicable Department of Conservation Order: 298	& 174G		<del>a da a d</del>
Mamest Ill	and the second second	A 20 mg	
Commissioner		suing Authority	
	A Comment of the Comm	Ventrasi den samba	

# DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

### PERFORATING RECORD

DATE WORK DONE 1-10-63 WORK SERIAL NO.
(One Copy to be filed with the Dist Office)
(one dopy to be remain and bell a certain,
NOTE: THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED
PARISH St Martin FIELD Duck Lake SEC TWP RGE
COMPANY Humble Oil & Refg. LEASE Cp-8 Oil sd.Un. # WELL NO 9
TOTAL DEPTH IISIC NEW OR OLD WELL Old
SIZE OF CASING 7" DEPTH OF CASING
DEPTH OF PLUG BELOW PERFORATIONS
PERFORATED FROM 11742 TO 11763
NUMBER OF HOLES 2-1/16 82 SIZE OF HOLES 2-1/16
PERFORATING COMPANY McCullough Tool Co. TRUCK NUMBER 943
PURPOSE OF PERFORATING New Perforations Rooms in
REMARKS: None
——————————————————————————————————————
This work was done according to the rules and regulations of the Department of Conservation.
Madullando Paglido
Drener.
COMPANY Anti-Nuthu Representative
IAN I i i i i i i i i i i i i i i i i i i
Form:

Perf - MD-4

# MINERALS DIVISION DEPARTMENT OF CONSERVATION STATE OF LOUISIANA

### WORK PERMIT

*	
PERMIT TO Workover	DATE 1-15-63
PARISH St. Martin	PIPITO Decale Value
COMPANY Humble 011 & Ref	a Co
ADDRESS P 0 Box 2180;	Vonctor 1
THE PARTY AND TH	TOUS COR I, Texas
WELL NAMEDL OPERC. 8 SU;G	codrich "CWo4 (9)EC 2 T 15S R 11E
WELL PERMIT SERIAL No. 42	791 Blodge Brown 118
LOCATION	791 WORK PERMIT No. WO. L#11
E	
40.1	
YOU ARE HEREBY AUTHORIZED 11762	Perforate 7" csg. from 1/88 additional shots to increase
Interest	TOO AUGICIONAL Shots to increase
Lujectivity. To	tal perforated interval: 11740-11765
	TT/40-11/05
DUDISTO DECEMBER	TD 11905
PERMIT REQUESTED BY	E. E. Setser
200) (191)	Company Representative
AUTHOR	IZED BY

Form MD-15-R LAF DISTRICT	OFFICE COPY	No.	55059	-A
STATE OF LOUISIANA DEPARTMENT OF CONSERVATION	KEND OPERATOR AND ELL NUMBER AIT TO DRILL FOR MI		ed Permit	\$25.00
	BATON ROUGE, I	• .		19 73
PARISH: ST. MARTIN	FIELD: DU			
OPERATOR: EXCON CORPORATION 4	<u> </u>			
ADDRESS: P. O. BOX 60526	ma zorko		<u>.</u> <u></u>	11.
WELL NAME: DL OPERC 8 SU: GOOD	: 🗓,		No.:4	in the second
LOCATION OF WELL: Sec. 2 T				· · · · · · · · · · · · · · · · · · ·
*FORMERLY: HIMBLE	OIL & REFINING COMPAN	Y		<del></del>
Zone or Reservoir of proposed completion:	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Applicable Department of Conservation Ord	The second	Section 1	( ) A ( ) ( ) ( )	<i>I</i> .
Commissioner		ssuing Aut	infority.	

	LAT ISIANA IT OF CONSERVAT  AMENDED PE	RMIT TO DI	RILL FO	R MIN	ERALS	(CORR	ECTED)	$\dot{A}_{i}$	
		_	Date	April	8, 19	74		<u></u>	<u>·</u>
erial No	42791		Field	Duck	<u>Lake</u>				<del>- :</del>
arish	St. Wartin	a					•	• •	
- 17		•	•			•	_		
)norator	Exxon Corpor	<u>ation                                    </u>		<del></del>		· ·			
		'JA			<del></del>		- :	26.00	
Address	New Orleans,	Lauisiana	70160	<u> </u>				**	W
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4474					_	F. e.			:
	Formerly: I	I. OPERC 8	SU: God	parich					
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· · · · · <del></del>						<u> </u>		<u> </u>	
<u> </u>					Garage		<i>i</i> .		
Zone or Res	ryoir of Proposed Con	mpletion	<del></del>	<u> </u>	17:40	49-3	77		*** 6 <b>%</b> ***
				. '_	THE POLICE				<del></del>
Zone or ∡Kes	epartment of Consessi				Menc	<u> 12-1</u>	<u> 12 </u>	- <u>- Franc</u>	• • • • • • • • • • • • • • • • • • • •

	Work Permit		
	LOUISIANA DEPARTMENT C		/
Well Name & No. DL OPER	RC 8 RA SU: GOODRICH C	#4Sec _2 _ T _	155 R 17E
Permit Serial No4279]	Lwa	ork Permit No. 14 C/	1 1983
	nead sqz perfs @ 1 .740 & perf well based on 1		
			<del></del>
Sand & Rescryoir To Be Tested	OPERC 6	TD	11,905'
•	CORPORATION, REVENUE & F	REGULATORY ACCO	UNTING
City, State & Zip NEW ORI	EANS, LOUISIANA 70160		
GP/ Permit Requested By	Juneys.	Date	<u>5-11-8</u> 3
Permit Authorized By		La Jaijetta Date	5/13/82
A 45 (100	See Instructions On Reverse		A
<b>网络</b> 特别是特别的特殊的特别,可能是这个一个一个一个	See manufichons On Reverse	200e - 1 Martin 1-13-1	LOLÚ MANIAK

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception on original and three copies are required.

- 1. Abandon (Plug
- 2. Deepen
- 3. Perforate
- 4. Squeeze
- 5. Plugback
- 6. Sidetrack

DEST. OF CONSTRUCTION Salt Water Disposal W-11 PT. OF CONSLIP. Drill Salt Water Disposal Well

LAFAYETTE, 11. Drill Product Storage W. "

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

## Work Permit

STATE OF L	OUISIANA DEPARTMENT OF C	ONSERVATION
Well Name & No. DL OPERC	8 RA SU; GOODRICH C #4	ST. MARILA - 15S R 11E
In addit	tion to work permit # 501	,1983, set cmt retainer
Description of Work	OPERC 7 perfs at 11630-	11666'EL.
at11628. & resuz	OLCUP T DOLLS HE TANAS	
Sand & Reservoir To Be Tested	OPERC 6	TD 11905'
Address POST OFF	ORPORATION, REVENUE & REG FICE BOX 60626 EANS, LOUISIANA 70160	ULATORY ACCOUNTING
Permit Requested By	oleg D	Date 8-8-83
Permit Authorized By	District District	Jalle 8/10/18

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required. -1 117

 $\subseteq$ 

- 1. Abandon (Plua
- (G, 2) 1---2. Deepen  $[\Gamma_{i}]$ 1983
- 7. Pull Casing 8. Change Zone of Selective Completion

3. Perforate

9. Drill Salt Water Disposal Well

4. Squeeze

10. Convert to Salt Water Disposal Well

5. Plugback

11. Drill Product Storage Well

- . 6. Sidetrack
- To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject

to prosecution.

	•		·Work Pe	rmit			
j	, st	rate of LC	DUISIANA DEPART	MENT OF CO	NSERVATION	İ	
	Well Name & No. I Field DUCK LA	OL OPERC 8 AKE 2791	RA SU; GOODRI	SH_C_#4 Parish S Work Perm	Sec. 2T. T. MARTIN hit No. 1 # 87	155 , 11E	
	OPERC 3 per Reperforate	rfs at 109 e OPERC 6	ion to work per 925-33'EL & spr at 11432-42'El		<u>. 1983: Re</u> t 11422-32	'EL	
	Sand & Reservoir T	o Be Tested	ODEDC 6	<u>· · · · · · · · · · · · · · · · · · · </u>	ŤD	119051	
	Operator Address City, State & Zip	POST OFFI	RPORATION, REVE CE BOX 60626 ANS, LOUISIANA 7		LATORY ACC	OUNTING	
i i i i i i i i i i i	<b>Permit Requested</b> B	, All	ely		E	8-10-83	
	Permit Authorized I	Ву		_ District	ayetti.	Date 8/15/	<i>{</i> 3:
Aller Co		all visiting Sc	See Instructions	On Reverse Side		Mail Form. DANR	Revir. U/

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

- 1. Abandon (Plug & 2. Deepen
- 3. Perforate
- 4. Squeeze
- 5. Plugback
- 6. Sidetrack

9. Drill Salt Water Disposal Well 10: Convert to Salt Water Disposal Well
11. Drill Product Storage Well

Change Zone of Selective Completion

To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

<del></del>	<del> </del>		7				
29-E COMPLIANCE				STATE	OF LOUISIAN	₹A	
29-E UNIT ATTACHED	YES 'N	)		OFFICE O	F CONSERVA	TION	
27 CONT AT TACHED	YES NO	)	   WEL	L COMPLETION	OR RECOMPL	ETION REPOR	₹T
0.	C. USE ONLY			DISTRICT	1 5 € 5 1 6 4 4		••
CODE	D. 75	Marc	h 9, 1984	DISTRICT	1 · ON-S	<del></del>	<del></del>
NUMBERS:	DATE			-	1 3 · OFF		
050	PARISHS	t. Marti	n		\$EC2	т <u>155</u>	R
3444	FIELD D	<u>uck Lake</u>	<del></del>		00	C ORDER NO	<del></del>
1747	OPERATORE	xxon Cor	poration				
I	WELL NAME DL	OPERC 6	RA SU; Goodric	h C NO.	4	SERIAL NO. 42	791
	0	perc 6		NO	3-05-84	10:	
· · · · · · · · · · · · · · · · · · ·	RESERVOIR		<del></del>		COMPLETION		IME X
REMARKS: Submitte	d under sepa	rate cove	er	Original Spud	d 3-5-51		<u>X</u> ] -
COMPLETION DATA:							
A	RIMARY PRODUCT	PRIMARY P	PRODUCT CHANGE?	PRODUCING MET	HOD ST	ATUS OF WELL	
1 - ORIG. COMP 2 - RE-COMP.	1 - OI L 2 - GAS 3 - DRY GAS		1 - YES 2 - NO	GL GAS	WING LIFT PING	1 1	REVERSE SID
* IF THIS IS A RE-COMPLETION S	SPECIFY: SAME	RESERVOIR	DIFFERENT	RESERVOIR X	]		
114 BOPD	63 M	CF/DAY	300 PSIG LOWING TUBING PRESSURE	SHUT-IN TUBI PRESSURE		900 CASING PRESSU	PSIG RE
32 /64" 2 2 - ADJUS	_	39 D. BPD .	55 % BS & W	550 GOR	CF/BBL	34.5 GRAVITY	API AT 60° F
PERFORATIONS11432	-442 'EL				тот	TAL DEPTH	02'
CLEARANCE & CERTIFICATION:							

#### CI

ADDITIONAL CLEARANCE IS REQUESTED FOR PRODUCED ON DRILL-STEM OR OTHER PRODUCTION TEST: (SEE SECTION X PARAGRAPH B OF ORDER 29-B ON REVERSE SIDE).

#### CERTIFICATION

I HEREBY CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.

INSTRUCTIONS

THREE (3) COPIES TO BE FILED WITH THE DISTRICT OFFICE WITH-IN THREE (3) DAYS OF DATE OF COMPLETION OR RECOMPLETION (AS PER ORDER 29-B, SECTION X, PARAGRAPH A, ARTICLE 1).

Exxon Corporation

SIGNATURE OPERATOR

Revenue & Regulatory Accounting Supervisor

TITLE

finh Card



FIELD
Duck Lake
SERIAL NO
42791
PRODUCING INTERVAL
11432-11442
RESERVOIR (COMPANY SAND IDENTIFICATION)
OPERC 6

TO THE PARTY OF TH						CING INT								
				11432-11442										
OFFICE OF CONSERVATION  WELL HISTORY AND WORK RESUME REPORT					RESERVOIR (COMPANY SAND IDENTIFICATION) OPERC 6									
		typewritten c ad within twent												
	10-/	CTIVE				LEASE	AND WELL	DATA						
СНЕ	CK APPROPI	RIATE BOXES	•	31 IN	ACTIVE DRY H	OLE FUT. UTI	L	PRODU	ст	IF R	ECOMPLETIC	ON .		DATE COMP.RECOM
	NEW W					IOLE NO FUT. NG ON PIPEL		=	OIL GAS		=	RESERVO		• H D Y
	PSA	PLETION		=		ING ON MARKS		=	OTHER		<u> </u>	, NENT RE	JERTOIR	3-05-84
OP	RATOR					CODE		RESS			N 0		- 1	
		on Corpora	ation_			174	7 P.	0. 1	30x 606	26	New U		<del></del>	isiana 7016 
WEI	L NAME	PERC 6 RA	A C11.	Coodwic	h C							WELL	no. 4	
PAF	IISH C	PERC O RA	4 50;	GOOGFIC	<u> </u>				_	$\neg$	DATE PERM	J	<del></del>	
	St.	Martin			\$EC.	2 <sup>TW</sup>	<sup>e.</sup> 15S	RGE	11E		Wo	rkove	r	
	E SPUDDED	CATE RE	ADY TO PR	ODUCE *	TOTAL D	EPTH		_			PBTD.			•
	3-5-5 <u>1</u>	3-5-	-84			11902'				$\perp$	1181			
GRO	UND ELEVA	TION			CASING H	EAD FLANGE		N			DISTANCE I	FROM RKB 9.50	TO CHF	
DAT	 F WELT TIL	RNED INTO TANK	· q		SINGLE. I	2.75		ETION?			HOTEL			<del> </del>
041	3-5-		. <b>-</b>			Dual					FURN	HIS IS A P HISH A SE H COMPLE	PARATE RE	OMPLETION, PORT FOR
		RECTIONALLY	]	WAS DIRECT	IONAL SURV	NAL SURVEY MADET WERE 3 COPIES FILED OFFICE OF CONSERVATION				THE	DATE	FILED		
	AE OF ELE	N/A	HED I ORS	BIIN (CIRCL)	 - 1005 EU E	D WITH OFF	ICE OF C	ONSERV	ATION)	l n	ATE FILED			<del></del> .
' '	- U U L L L	N/A	11211 2000	NON (OMOLI					,		-	_		
							AND 71/9	INC BECO	190					· · · · · · · · · · · · · · · · · · ·
						CASING, LINER	AND ICE	ING MECC			;			
•	CASING SIZE	HOLE SIZE	CASING WEIGHT		EPTH SET TO	SACKS CEMENT	-	EST SSURE	HOURS UNDER PRESSURE		TESTED CSTEST (YY CO MI		TVATION AGE	NESS - STATE IF NT OR OFFSET
191	- <del></del>			<u>_</u>	<u>'</u>		<u> </u>					<del> </del>		
182			<u> </u>			-NO CHA	NGF		\ <u></u>					
103	_			!		110 0113								
184			<del> </del> -	<u>:</u>			+							
	BING SIZE	2-7/8"	DEF	TH OF TUBING	1097	'O'	<b>€</b> 0EP1	H OF PAG	CKER(S):	10	970'	<del>_</del>		
						IAL COMPLET	ION OR RE	-COMPL	ETION DATA			<del>***</del>		
				GAS VOLU			GOR		-		CHOKE SI	ZE	PRODUCING	METHOD
181	TIAL PRODU	114	BOPD	ļ		3 MCF/DAY	3011	550	c	F/BBL		2 /64"		ifting
FLC	WING TUBIN	G PRESSURÉ		- IN TUBING P			RESSURE				ODUCTION	1	BSaw	
		300	sig		psi	g	9	00			139	BPI		
GR.	AVITY		9HP(SH			/EN	COMP	ANY REF	PRESENTATIV	Ε			DATE GAUGE	.o 5-84
_	34	.5 *API#60* F			057 TAK	CEN par	9						<del></del>	J-04
				-		PLUG AND	MODINABA	(P & A) D	ATA					
	ASING SIZE	AMOUNT Pulled	FRO	14	CE TO	MENT PLUGS	<del></del>	HOW PL	ACED		DATE WORK PERFORMED	CONS		THESS-STATE IF
							:			<u>.</u>		_		
			<u>i</u>				!							<del></del>
		<del> </del>	<u>i _</u>			_	<u>   i                                 </u>			_L_	<u> </u>	L		
		CERTIFICATE	l, the un	dersigned	state: That	lam semp	loved h	Exx	on Corp	ora	ation "	nd that	l am autho	orized
	`	,				his report								

Title: R&R Accounting Supervisor

<sup>\*</sup>Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well,

WORK PERMIT NO.	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#501, 1983	7-05-83		Ran TDT Log from 11656-8400'. Cmt sqz'd perfs at 11740-765'
	7-15-83		Perf'd from 11432-42'EL.
L#857, 1983	8-04-83		Set cmt retainer at 11628'EL.
& L#876,	8-05-83	1	Spotted cmt plug from 11628-11528', plugging off old OPERC 7 perfs at 11630-66'.
1983	8-05-83		Cmt sqz'd OPERC 3 perfs at 11925-33'EL & OPERC 6 perf at 11432-42'EL.
	2-25-84		Set pkr at 10970', ran 2-7/8" tbg & stung into pkr.
	   3-03-84 		Reperf'd from 11432-42'EL.
i			

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

<del></del>	<del></del>	······
FORMATION	DEPTH	FORMATION DEPTH
		1 - 16 1/1
		MAR 1 5 102
	l lil	DEPT. OF CONSERVATION
		UF CONCL
		LAFALL
		LAFAYETTE, TOUISTANA
		FIANA

FORM MD-15-RC (R 2-1976) AMENDED PER	STATE, OF LOUISIANA STATE, OF LOUISIANA DEPARTMENT OF CONSERVATION Amended Permit (Corrected)
42791 Schal No.	L Date March 28, 1984
050 PARISH	St. Martin Duck Lake
344 FIELD	Exxon Corporation P.O. Box 60626
ADDRESS CITY & STAT	- <del> </del>
501234 WELL NAME	DL OPERC 6 RA SU; Goodrich C* No. 4
LOCATION OF WELL: Sec. 2	T 158 R 11E Former Well No.
DL OPERC 8 RA SU;G	podrich C
Applicable Department of Conserva	Issuing Authority Jriss A-C
	The second substitute of the second of the s

#### STATE OF LOUISIANA OFFICE OF CONSERVATION AMENDED PERMIT TO DRILL FOR MINERALS

...\$100.00

042791 SERIAL NO DATE 07/13/94 **EFFECTIVE 06/09/94** CURRENT CODES receimed a 050 PARISH ST MARTIN DISTRICT LAFAYETTE 3444 FIELD DUCK LAKE JUL 2 1 1994 H032 OPERATOR HILCORP ENERGY COMPANY 1 PRODUCT ATTN: JAMES ANHAISER LAFAYETTE DISTRICT OFFICE L000945 MA P. O. BOX 61229 OF CONSERVATION HOUSTON, TEXAS 77208

2-501234 WELL NAME DL OPERC 6 RA SU; GOODRICH C NO. 004 LOCATION OF WELL SEC 002 T 15S R 11E FORMER OPERATOR NAME: EXXON CORPORATION 1747

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON

FELIX J. BOUDREAUX

COMMISSIONER DISTRICT OFFICE

ISSUING AUTHORITY

## Work Permit

		TY OIK I CITTO			
STATE OF	LOUISIANA	DEPARTMENT	OF	CONSERVATION	
JIMIL O.	• • • • •			^ I	159

STATE OF COOLSTAN
Well Name & No. DL OPERC 6 RA SU; GOODRICH C-4 Sec. 2 T 15S R 11E
Well Name & No. DL OPERC 6 RA SU; GOODITON  Field DUCK LAKE  Parish ST. MARTIN  Field DUCK LAKE
Field DUCK LAKE Parmit No. L#239-95
Field DUCK LAKE  Permit Serial No042791
Permit Serial No
Description of Work PLUG EXISTING OF THE PROPERTY OF THE PROPE
Description of Work FLOG EXISTED PERFORATE IN OPERC 2 AT 10,848-64'
Sand & Reservoir To Be Tested OPERC 2 SAND TD 11,600
South of Medical Co. 10 and 10
HILCORP ENERGY COMPANY
Operator P.O. BOX 61229
Address P.U. BUA 01229 77208-1229
Address City, State & Zip  HOUSTON, TEXAS 77208-1229
Date 2/7/95
Dote Dote
Permit Requested By GARY BENTZ and RV
Original Signed By.
CALDWELL IR. District A Land Balle
GARY BENTZ Original Signed By:  Original Signed By:  Permit Authorized By — J. E. CALDWELL, JR. Districts AFAYETT Bole
整理 化二氯乙烷 化二氯苯二甲二氯苯二甲二氯苯酚 医多二角 医反射性 电电阻电阻 医温温温度

A single application will suffice for one, or combinations of, the below operations provided that if more than one operation is requested on one form, such work must be performed consecutively.

If additional applications for Work Permits are necessary on any one well, each should be numbered 1, 2, etc. in the order requested. An original and one copy of this form will suffice for all work with exception of plug and abandon, for which an original and three copies are required.

3. Perforate  4. Squeeze Con 0 1 2 2 10	7. Pull Casing  8. Change Zone of Selective Completion  9. Drill Salt Water Disposal Well  9. Convert to Salt Water Disposal Well  1. Drill Product Storage Well
---	--

NOTICE: To perform any of the above, as well as any other possible operations in Louisiana, without first obtaining a Permit is an infraction of the law and subject to prosecution.

#### STATE OF LOUISIANA OFFICE OF CONSERVATION AMENDED PERMIT TO DRILL FOR MINERALS

(CORRECTED)

042791 SERIAL NO DATE 12/14/95 EFFECTIVE 05/05/95 CURRENT CODES 050 PARISH ST MARTIN DISTRICT LAFAYETTE 3444 FIELD DUCK LAKE H032 OPERATOR HILCORP ENERGY COMPANY 1 PRODUCT ATTN: JAMES ANHAISER MA P. O. BOX 61229 HOUSTON, TEXAS 77208

2-501232 WELL NAME DL OPERC 2 RA SU; GOODRICH C NO. 004 LOCATION OF WELL SEC 002 T 15S R 11E FORMER WELL NAME: DL OPERC 6 RA SU; GOODRICH C 2-501234

APPLICABLE OFFICE OF CONSERVATION ORDER 174-F-1

ERNEST A. BURGUIERES, III FELIX J. BOUDREAUX

COMMISSIONER DISTRICT OFFICE

ISSUING AUTHORITY

A CONTRACTOR OF THE CONTRACTOR					9
20 E COURT LANCE			, STATE OF L	OUISIANA C	
29-E COMPLIANCE	YES NO		OFFICE OF CO		
	YES NO	W	ELL COMPLETION OR RE	ECOMPLETION REP	ORT
0	.C. USE ONLY		DISTRICT Laf	avotto	· · · · ·
CODE	1	J	DISTRICT LIALS	1 1 ON-SHORE	<del></del>
NUMBERS:	DATE July 13	,1995	<b>-</b> 1	3 - OFF-SHORE	
050 _/	PARISH <u>St. Martin</u>		SE(	с. <u>2</u> т <u>15 S</u>	R <u>11 E</u>
3444	   FIELD   Duck Lake	· -		OC ORDER NO. L	74-F, 174-F-1
Н032	'   OPERATOR <u>Hilcorp En</u>	ergy Company			
501232	WELL NAME_DL OPERC 2		h "C" NO. 4	SERIAL NO.	42791 <u> </u>
	I RESERVOIR <u>DL</u> OPERC	2 RA SU	May (	05,1995 (	04:00
	I		CO	MPLETION DATE	TIME X
MPORTANT:	IS A FORM MD-10-R-A BEING F	ILED WITH THIS REPOR	RT? IF NO.EXPLAIN	YES X NO	
REMARKS:					<u> </u>
OUBLETION DATA		· · · · · · · · · · · · · · · · · · ·			
OMPLETION DATA:  TYPE COMPLETION  F	PRIMARY PRODUCT PRIMARY	PRODUCT CHANGE?	PRODUCING METHOD	STATUS OF WELL	-
2 2 - RE-COMP.	1 - OIL 2 - GAS 3 - DRY GAS	1 - YES 2 - NO	F - FLOWING G L- GAS LIFT P - PUMPING	1 0 SE	EE REVERSE SIDE FOR CODE
F THIS IS A RE-COMPLETION	SPECIFY: SAME RESERVOIR	DIFFEREN	NT RESERVOIR X		
55 BOPD		340 PSI FLOWING TUBING PRESSURE	G F SHUT-IN TUBING PRESSURE	PSIG — — CASING PRESS	SURE PSIG
Open 64" 2 2 - ADJUS		96.0 BS & W	GOR CF/E	BBL 36.0 GRAVITY	_ API AT 60°F
ERFORATIONS 10850	- 10858'	RECEL	VED	TOTAL DEPTH	11902
LEARANCE & CERTIFICATION:		SEP 18	1995		<u></u>
ADDITIONAL CLEARANCE IS PRODUCED ON DRILL-STEM X PARAGRAPH B OF ORDER	OP OTHER PRODUCTION TEXT.	EBELSLOFLOIL 1941	<u></u>	RTIFICATION	
	パにしてい	VED	I HEREBY CERTIFY TH TRUE AND CORRECT T	HAT THE ABOVE INFORM TO THE BEST OF MY KNO	ATION IS WLEDGE.
	âct 18 19			200	
	INSTRULATAYETTE DISTRI	ct office (	Janny /	flun	
	<del></del>		Hilcorp Energy C	SIGNATURE Ompany	
IN THREE (3) DAYS OF D.	FILED WITH THE DISTRICT OFF ATE OF COMPLETION OR RECOM SECTION X, PARAGRAPH A, AR	MPLETION }		OPERATOR	
<b>1</b>		,		T. T. C	

TITLE

FORM COMP ( REV. 178)

## OFFICE OF CONSERVATION STATE OF LOUISIANA

This side is to be used when req other Production Tests, made pre			
SECTION	X, PARAGRAPH B OF ORD	ER NO. 29-B	<del></del>
Allowables given to wells for oi cellaneous production of oil sha			
All operators are requiof the record of the da of hours the well produs: 5 to	ily production from t uced and the interval	he well, sh of producti 1952."	owing the number on as "from
Date of Test	TEST DATA  Time of Test		Amount of Oil Produced
	M. to	M.	Barrels
	M. to	м.	Barrels
	M. to	M.	Barrels
	M. to	M.	Bài S
	M. to	M.	Barrels
	TOTA	L	BARRELS
The above total barrels of oil w	vere produced from	F	t. toFt.
OPERATOR		(Signed)	OPERATOR REPRESENTATIVE
CODES TO USE IN REPORTING STATUS	 S OF WELL		

- 10 Active 33 Inactive-Future Utility (does not include waiting on pipeline or market) 36 Inactive waiting on pipeline 37 Inactive waiting on market



#### OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

•	 _		
	ъ.	 т	~1-

Duck Lake

serial no.042791

REALINED

PRODUCING INTERVAL

10850 - 10858

SEP 18 1995

RESERVOIR (COMPANY SAND IDENTIFICATION OF ETC. Uffice

Three typewritten copies of this report must be filed with the District Office of the Office of Conservation in which the well is located within twenty (20) days of the date of completion: NOTE: If not properly completed and signed this report will be returned. 31 INACTIVE DRY HOLE FUT, UTIL. PRODUCT IF RECOMPLETION DATE COMP., RECOM NEW WELL X orr 32 INACTIVE DRY HOLE NO FUT, UTIL. SAME RESERVOIR M D Y RECOMPLETION 36 INACTIVE WAITING ON PIPELINE GAS X DIFFERENT RESERVOIR 05**-14**-95 PBA 37 INACTIVE WAITING ON MARKET OTHER OPERATOR CODE ADDRESS H032 P.O. Box 61229, Houston, TX 77208-1229 Hilcorp Energy Company WELL NO. 4 DL OPERC 2 RA SU; Goodrich C PARISH DATE PERMIT ISSUED sec. 2 TWP. 15 S RGE. 11 E Workover/02-10-95 St. Martin DATE SPUDDED DATE READY TO PRODUCE \* TOTAL DEPTH 11,810' 11,902 03-05-51 GROUND ELEVATION CASING HEAD FLANGE ELEVATION DISTANCE FROM RKB TO CHF 2.75 19.50' NOTE IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION DATE WELL TURNED INTO TANKS SINGLE, DUAL OR TRIPLE COMPLETION? Single WERE 3 COPIES FILED WIT OFFICE OF CONSERVATION? WAS WELL DIRECTIONALLY WAS DIRECTIONAL SURVEY MADE? DRILLED? TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION) DATE FILED N/A CASING, LINER AND TUBING RECORD CASING CASING SACKS TEST HOURS DATE NAME OF TEST WITNESS - STATE IF DEPTH CONSERVATION AGENT OR OFFSET OPERATOR TESTED (MM DD YY) 101 182 NO CHANGE -IØ3 105 DEPTH OF TUBING 10509 ■ TUBING SIZE 2-7/8" INITIAL COMPLETION OR RE-COMPLETION DATA PRODUCING METHOD INITIAL PRODUCTION GAS VOLUME GOR Flowing 55 340 6182 Open GF/BBL ВОРО MCF/DAY CASING PRESSURE WATER PRODUCTION FLOWING TUBING PRESSURE SHUT-IN TUBING PRESSURE 1321 96 340 DATE GAUGED COMPANY REPRESENTATIVE BRP (SHUT - IN) GRAVITY 36.0 .AP1#60\* F May 30,1995 4915 pelg PLUG AND ABANDON (P & A) DATA NAME OF TEST WITNESS-STATE IF DATE WORK CASING CEMENT PLUGS AMOUNT PULLED CONSERVATION AGENT OR OFFSET OPERATOR SIZE HOW PLACED то SACKS CERTIFICATE: I, the undersigned, state: That I am employed by Hilcarn Evergy 6. and that I am authorized to make this report, and that this report was prepared under my supervision and direction and that all facts stated herein are true, correct and complete to the best of my knowledge.

Signature:

Title: Engineer

<sup>\*</sup>Date well is equipped to produce, but due to no available market, no pipe line connection, etc.; the well has been shut-in.

WORK RESUME

List below all work performed under Office of Conservation Work Permits while drilling and completing well.

WORK PERMIT NO	DATE WORK PERFORMED	SERVICE COMPANY	DESCRIPTION OF WORK
L#239-95	04-27-95		Dump Bail cement on fish, set CIBP on top of cement at 10880', dump bail 10' cement on top of CIBP.
11	05-04-95		Perforate 10850' - 10858'
H ,*	05-05-95		Set Packer at 10509'
			•

List below all important Paleofaunal or Geological Formation tops, Cap Rock and Salt Overhang bottoms.

FORMATION	DEPTH	FORMATION	DEPTH
	1 111		
	iii		

# STATE OF LOUISIANA OFFICE OF CONSERVATION



#### LOUISIANA STATE POTENTIAL REPORT

Field Duck 1AME Parish ST MARTIN Operator Nelsons Grow Comp Code H032  Sec. 2 TWP. 1055 RGE. 1/E Test Date 1/1 1/4 75'  TYPE OF WELL  TYPE OF TEST PRODUCING METHOD  1-OUNT 1-COMPLETION P-PUMPING P	1		<del>i:</del>	<del></del>		INPUT TY	PE
Parish ST. MARTIN  Operator Heloop Energy Comp Code H032   3 - Correction  Sec. J TWP. 1858 RGE. 1/E Test Date   1/4 / 95'    TYPE OF WELL TYPE OF TEST PRODUCING METHOD  I-OIL J-COMPLETION P-PUMPING 2-RECOMPLETION P-PUMPING 3-RETEST 20 G-GASLIFT  WELL SERIAL WELL NAME WELL NAME NO. NAME OF RESERVOIR  NO. 042791 Pl Opers JRB St. Martin Choke No. No. No. No. Depth FROM TO 164' BBLS/DAY BBLS/DAY MOF/DAY RATIO CIPBE  19 32 SB 43 48 51 57 63 68'  API GRAV. WATER BS & W & FLOWING PRES. CASING PRES. DATE OF COMPLETION MO. DAY Y.  34.5 1301 PB.7 JBB 101. SS PS No. No. DAY Y.  34.5 1301 PB.7 JBB 101. SS PS No. No. DAY Y.  34.5 1301 PB.7 JBB 101. SS PS No. No. DAY Y.  OPENTANK/METER GAUGE 12.P 10.P.Y IN JR. HOURS  TANK/METER NO. TANK COEF.  STATIC PRES. 25 DIFFERENTIAL PRES. 26 LINE SIZE 1000  PLATE SIZE 1.500 COEFFICIENT 144 METER SPRING B DIFF RANSE (144) 155. STATIC PRES. 150. STATIC PRES. 150. STATIC PRES. 25 DIFFERENTIAL PRES. 26 LINE SIZE 1.500  COEFFICIENT 144 METER SPRING B DIFF RANSE (144) 155. STATIC PRES. 150. STATIC PRES. 25 DIFFERENTIAL PRES. 26 LINE SIZE 1.500  COEFFICIENT 144 METER SPRING B DIFF RANSE (144) 155. STATIC PRES. 150. STATIC PRES. 25 DIFFERENTIAL PRES. 26 LINE SIZE 1.500  COEFFICIENT 144 METER SPRING B DIFF RANSE (144) 155. STATIC PRES. 150. STATIC PRES. 150. STATIC PRES. 25 DIFFERENTIAL PRES. 26 LINE SIZE 1.500  COEFFICIENT 144 METER SPRING B DIFF RANSE (144) 155. STATIC PRES. 150. STATIC PRES	District dar	AYETT	E	<del>-</del>		1	- OC Only
PORTIS ST. MARTIN.  Operator Lilage Energy Comp Code H032  TWP. SS. RGE. I/F Test Date 1/ / 1/ 195  TYPE OF WELL  TYPE OF TEST  PRODUCING METHOD  1-OIL  2-GAS  19 3-RETEST  PRODUCING METHOD  F-FLOWING P-PUMPING 2-RECOMPLETION  3-RETEST  WELL SERIAL  WELL NAME  WELL SERIAL  WELL NAME  OF GAS CIL  RATIO COND.  GAS  GAS/CIL  RATIO COND.  APJ 393  330  APJ GRAV.  BS BUS/OAY  BO BUS/OAY  BO BUS/OAY  BS BUS/OAY  BO BUS/OAY  BS BUS/OAY  BO BUS/OAY  BO BUS/OAY  BO BUS/OAY  BS BUS/OAY  BO BUS/OAY  BO BUS/OAY  BO BUS/OAY  BO BUS/OAY  BUS/OAY  BUS/OAY  BS BUS/OAY  BO BUS/OAY  B	Field Duc			<del></del>		7	- Original
Sec. 2 TWP. 1055 RGE. 1/E Test Date 1/1 / 1/95'  TYPE OF WELL  TYPE OF TEST  PRODUCING METHOD  1-OIL 2-GAS 19 3-RETEST  WELL SERIAL WELL NAME WELL	Parish ST			<del></del>		<u> </u>	· ·
TYPE OF WELL  TYPE OF TEST  PRODUCING METHOD  I-OIL 2-GAS  I-OIL 2-GAS  IP-PUMPING 2-RECOMPLETION P-PUMPING P-PUMPIN	Operator Hile	up E	neigy Com	Code/	4032	3	
TYPE OF WELL  TYPE OF TEST  PRODUCING METHOD  1-OIL  1-OIL  2-GAS  1-OIL  2-RECOMPLETION  3-RETEST  WELL SERIAL  WELL NAME  OF RESERVOIR  NO.  NAME OF RESERVOIR  NO.  O'4 2 791  DO DEFT JRB SU Medical 4  DO DEFT JRB SU Medical 4  DO DEFT FROM  TO 64 BBLS/DAY  BBLS/D	Sec	TWP	_ /ぴぴ_ RGE.	<i>  E</i> Test		11 1	<del></del>
I-OIL 2-GAS  IB 1-OIL 2-GAS  IB 2-RECOMPLETION 2-RECOMPLETION 3-RETEST  WELL SERIAL WELL SERIAL NO.  WELL NAME WELL NAME WELL NAME WELL NAME WELL NAME WELL SERIAL NO.  NO.  NAME OF RESERVOIR  O'4 2 79/ B1 OPER: JRR St. Moderal 4  D1 apric J RASIZ  TOTAL DEPTH FROM TO /64" BBLS/DAY BBLS/DAY MCF/DAY RATIO CF/BBL  II 90 J 10 P 50 10 P 58 3/4 / 1/2 - 393 J 3/2  33 38 43 48 51 57 63 69  API GRAV. BBLS/DAY BS BW % FLOWING PRES. CASING PRES. DATE OF COMPLETION (PSIG) MO. DAY Y.  34 5 1301 P30 10 P3 7 3P0 10 0 5 5 95  TOTAL DEPTH FROM TO /64" BBLS/DAY BS BW % FLOWING PRES. CASING PRES. DATE OF COMPLETION (PSIG) MO. DAY Y.  34 5 1301 P3 7 3P0 10 0 5 5 95  TOTAL DEPTH FROM TO /64" BBLS/DAY BS BW % FLOWING PRES. DATE OF COMPLETION MO. DAY Y.  JANA HOURS  TANK/METER GAUGE 13.2 10 F.Y  OPEN TANK/METER GAUGE 00.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					· · · · · · · · · · · · · · · · · · ·	2 Mo. D	ay Yr.
I-OIL 2-GAS  IB 1-OIL 2-GAS  IB 2-RECOMPLETION 2-RECOMPLETION 3-RETEST  WELL SERIAL WELL SERIAL NO.  WELL NAME WELL NAME WELL NAME WELL NAME WELL NAME WELL SERIAL NO.  NO.  NAME OF RESERVOIR  O'4 2 79/ B1 OPER: JRR St. Moderal 4  D1 apric J RASIZ  TOTAL DEPTH FROM TO /64" BBLS/DAY BBLS/DAY MCF/DAY RATIO CF/BBL  II 90 J 10 P 50 10 P 58 3/4 / 1/2 - 393 J 3/2  33 38 43 48 51 57 63 69  API GRAV. BBLS/DAY BS BW % FLOWING PRES. CASING PRES. DATE OF COMPLETION (PSIG) MO. DAY Y.  34 5 1301 P30 10 P3 7 3P0 10 0 5 5 95  TOTAL DEPTH FROM TO /64" BBLS/DAY BS BW % FLOWING PRES. CASING PRES. DATE OF COMPLETION (PSIG) MO. DAY Y.  34 5 1301 P3 7 3P0 10 0 5 5 95  TOTAL DEPTH FROM TO /64" BBLS/DAY BS BW % FLOWING PRES. DATE OF COMPLETION MO. DAY Y.  JANA HOURS  TANK/METER GAUGE 13.2 10 F.Y  OPEN TANK/METER GAUGE 00.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	TYPE OF WELL		TY	PE OF TEST		PRO	DUCING METHOD
COLL   SERIAL   WELL NAME   WELL NAME   P-PUMPING G-GASLIFT					TION		
	1-01L			i		4	
WELL SERIAL   WELL NAME   WELL NAME   NAME OF RESERVOIR     04379    191 OPERT 3 PR St Station   191			L	┙╶╶╌╌	,,,,,,,	20	
NO.    NAME OF RESERVOIR   NO.   NAME OF RESERVOIR	10			, , , , , , , , , , , , , , , , , , , ,		20	5 5.10 2.11 7
TOTAL PERFORATED INTERVAL CHOKE BOLL COND. GAS GAS/OIL BELS/DAY BELS/DAY MCF/DAY RATIO CF/BBL    902			WELL NA	ME		NAME OF	FRESERVOIR
TOTAL PERFORATED INTERVAL CHOKE BOIL COND. GAS GAS/OIL RATIO CF/BBL    902	042791	191 00	=0= 2 Rn .	Pu d'anna P	4	19d asa.	and PASU
DEPTH	27		CAL WITH	- xomen -	L/	_ · pu	200 0 "" 10
1902   10850   10858   144   164   - 393   1367     33		PERFORATE					GAS/OIL
	DEPTH	FROM		64" BBLS/DAY	BBLS/DAY	MCF/DAY	RATIO CF/BBL
API GRAV. WATER BS&W% FLOWING PRES. CASING PRES. DATE OF COMPLETION MO. DAY Y.  34.5 /30/ 86 89 95 101  OFL WATER GAUGE 13.8 10 8.7 3 95 101  OFLOSE TANK/METER GAUGE 13.8 10 8.7 10 10 10 10 10 10 10 10 10 10 10 10 10	11902	10850	10858 9	64 166	-	393	2,369
### 1960° F. BBLS/DAY BS 84 70 (PSIG) (PSIG) MO. DAY Y.    34.5   30   86   89   95   101    CHOSE TANK / METER GAUGE 13.2   108.4   101   101    CHOSE TANK / METER GAUGE 13.2   108.4   101   101    CHOSE TANK / METER GAUGE 13.2   108.4   101    CHOSE TANK / METER GAUGE 13.2   101    CHOSE TANK / METER GAUGE 13.2   101    CHOSE TANK / METER SPRING & DIEF RANGE (40.4)    CHOSE TANK / METER	33 36	3	43 48	51	57	63	69*
THE SIZE 1.500 COEFFICIENT 1.44 METER SPRING B DIFF RANGE (40 KF)  REMARKS 189 95 101  OF 1 MATER 101  OF 2 MA			BS&W%				
THE SIZE 1.500 COEFFICIENT 1.44 METER SPRING B DIFF RANGE (42 KF 5-10-95)  THE BOOK BEN TANK / METER GAUGE 13.8 108.9 IN	34 5 15	2	802	20.	14.45		F 9.5"
CHOSE TANK / METER GAUGE 13.8 108.4 0 10:45 AM TIME  OPEN TANK / METER GAUGE 00.0 0 00.0 0 10:45 AM TIME  DIFFERENCE 13.8 108.4 in J. R. HOURS  TANK / METER NO. TANK COEF.  STATIC PRES. 25 DIFFERENTIAL PRES. 36 LINE SIZE 2000  PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFFERANCE (PARKS 10 PU) 20 1995  T.F. 1467 NOV 20 1995		801	1 - 0-			<del></del>	1 0 1/0
CHOSE TANK / METER GAUGE 13.8 108.4 0 10:45 P.M. TIME  OPEN TANK / METER GAUGE 00.0 0 00.0 0 10:45 A.M. TIME  DIFFERENCE 13.8 108.4 in J.R. HOURS  TANK / METER NO. TANK COEF.  STATIC PRES. 25 DIFFERENTIAL PRES. 36 LINE SIZE 2000  PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFFERANCE (PARK)  REMARKS 10 Put Sas 406  Output Sas 799 EFF 5-10-95  NOV 20 1995		<del></del>	<u> </u>	2070	= 0		<del></del>
OPEN TANK / METER GAUGE 00.0 \$ 00.0 \$ 10:45 A M TIME DIFFERENCE 13.8 108.9 in 2 Rea HOURS  TANK / METER NO. TANK COEF.  STATIC PRES. 25 DIFFERENTIAL PRES. 36 LINE SIZE 4.000 PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFFERANCE (PARKS IN PUT Star 406  Autout Star 799 EFF 5-10-95  NOV 20 1995	GLOSE TAN	K/METER		108.4		12:45	<u>Рм.</u> тіме
DIFFERENCE 18.8 108.4 in 3 has HOURS  TANK/METER NO. TANK COEF.  STATIC PRES. 25 DIFFERENTIAL PRES. 36 LINE SIZE 2000  PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFFERANCE/PRING REMARKS 11.500 FOR 15.5 P. 10.95  T.F. 146?  NOV 20.1995	O <del>,DEN≃TAN</del> K	/METER	GAUGE DOLO	000.0	&	10:45 A	M_ TIME
STATIC PRES. 75 DIFFERENTIAL PRES. 36 LINE SIZE 7.000  PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFFERANCE (FRANCE (FRANCE))  REMARKS 18 PUT Star 406  Output Star 799 EFF 5-10-95  NOV 20 1995	DIFFEREN	CE	13.8	1084	in	I he	<u>♣</u> HOURS
PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFF RANGE/FRANC	TANK/MET	FER NO		TANK CO	)EF		<del></del>
PLATE SIZE 1.500 COEFFICIENT 1.44 METER SPRING & DIFF RANGE/FRANC		7			2/	=	4 4 4 4
REMARKS 1APUT Star 406  output star 799 EFF 5-10-95  NOV 20 1995							
7.F 1467 NOV 20 1995		_		ICIENI <u>4. 7.7</u>	MEIER :	PRING & LH	C. C. AND C. C. C.
7.F 1467 NOV 20 1995		•		EFF 5	-10 -9	5	
0 - OFFICE OF CONSERVATION		- CAAP				<u> </u>	NOV 20 1995
N C / N // N N OFFICE OF CONSERVATION	<del>-,-,-</del>	<u> </u>	0-4-1				1101 101
WITNESSED BY Jacoban GAUGED BY Ju 1 Comme	WITNESSED BY	Juins	Costalan	GAUGED	BY Jy	, 1 a	OFFICE OF CONSERVATIO
(17. 42.7)	TITLE	17:ELD	_		,		LAFAYETTE, LOUISIANA