

Form No LAD-26

STATE OF LOUISIANA
MINERALS DIVISION
DEPARTMENT OF CONSERVATION

MAP 7

50

WELL LOCATION CERTIFICATION

I, M. H. Cunningham, hereby certify

that the location of HUMBLE OIL & REFINING COMPANY'S

R. H. Goodrich, et al "A" (Pooled Unit)

Well No. 1

(Name of Location)

Duck Lake

Field, St. Martin

Parish,

Louisiana, is as follows: From the northwest corner of Section 2, T 15 S,

R 11 W, 1977.3 feet southerly along the west line of Section 2; thence

660.0 feet easterly, at right angles, to the location.

Sec. 2 T. 15 R. 11

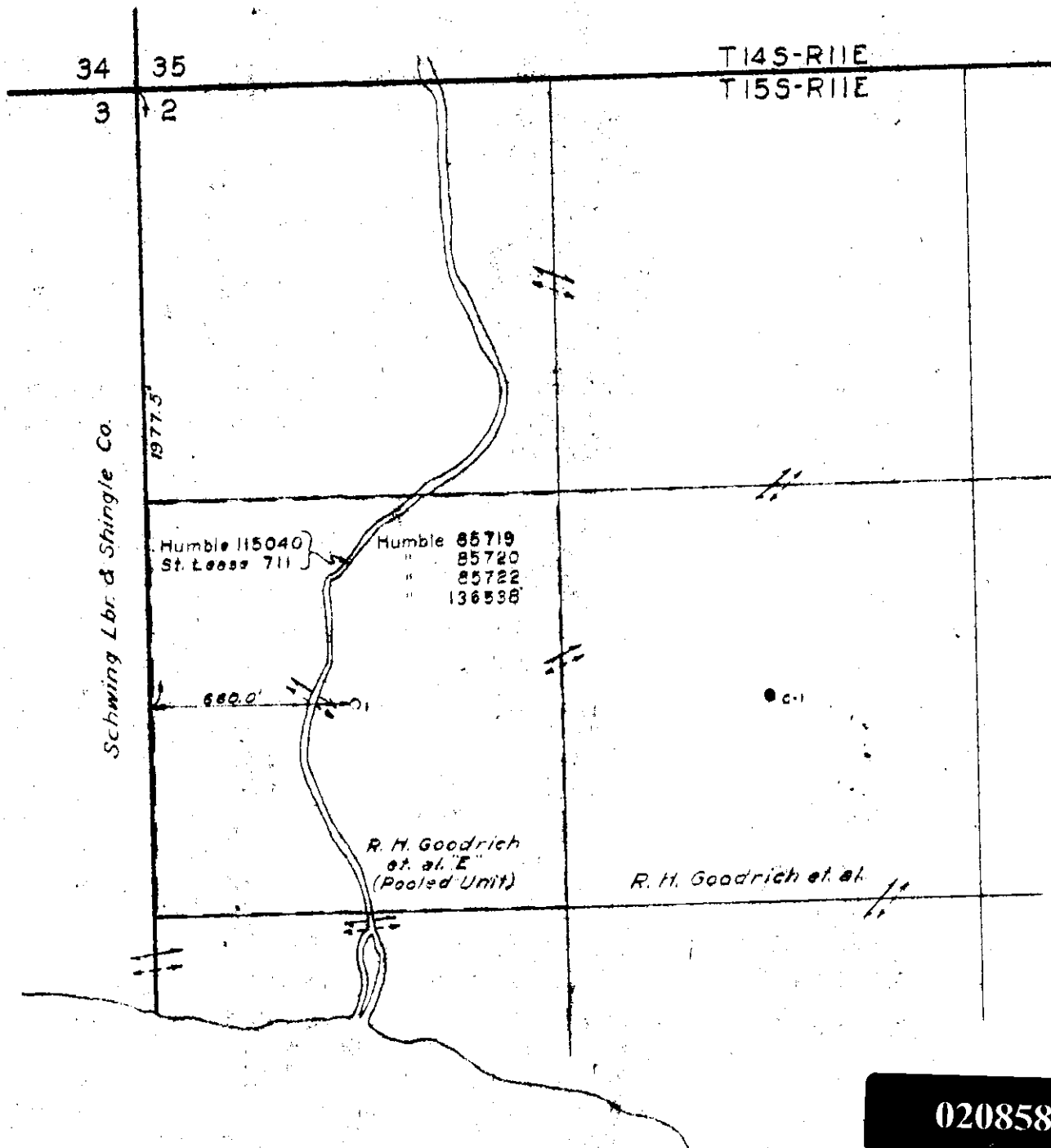
Signed: M. H. Cunningham

Licensed Surveyor or Civil
Engineer No. 578

State of Louisiana

Employee of Humble Oil &
Refining Company

Position Office Civil Engineer



500' 0 500 1000 1500 FT
SCALE

R. H. GOODRICH ET. AL. "E" (POOLED UNIT)
DUCK LAKE FIELD
ST. MARTIN PSH., LA.

HUMBLE OIL & REFINING COMPANY
CIVIL ENGINEERING DIVISION
NEW ORLEANS

Prepared by *M. H. Williamson*
La Reg Civil Engr. No. 578

This application for Well No. 1

DRAWN *S. Frost*
CHECKED *R. G. G. G.*
APPROVED *M. H. Williamson*

SCALE *Shown*
DATE *2-21-50*
REVISED

FILE NO.

LAA-1262

HUMBLE OIL & REFINING COMPANY

PRODUCTION DEPARTMENT

LOUISIANA DIVISION

1405 Canal Building

NEW ORLEANS 12, LA.

March 2, 1950

MAR 7

Humble
Mr. Frank J. Fava, Dist. Mgr.
Department of Conservation
Division of Minerals
627 Jefferson Street
Lafayette, Louisiana

Dear Sir:

Attached in duplicate is Application for Permit to Drill our R. H. Goodrich, et al, "E" (Pooled Unit) Well No. 1, Duck Lake Field, St. Martin Parish, Louisiana.

Also attached is our check No. 20946 LA, in the amount of \$50.00 to cover permit fee.

Yours very truly

HUMBLE OIL & REFINING COMPANY

BY

[Signature]
Division Superintendent

CWP/cel.
Attachments

cc: Mr. W. E. Hubbard
Bayou Sale District
File

March 7, 1950

Mr. S. L. Digby, Commissioner
Department of Conservation
Division of Minerals
State Capitol Building
Baton Rouge, Louisiana

Att'n: Mr. T. M. Winfield, Chief Engr.

Dear Sir:

Attached is application for permit to drill with plat
and Check No. 20946 LA in the amount of \$50.00 from
the Humble Oil & Refining Company to cover fee for
drilling their R. H. Goodrich, et al "E" (Pooled Unit)
Well No. 1, Duck Lake Field, St. Martin Parish,
Louisiana.

Yours very truly,



Z. J. Sanders, Ass't. Mgr.
Houma District Office

RPR/rpr

Attachment

POTENTIAL REPORT

after 11/7/57
W7

Type Well: Oil XX Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. _____ Retest XX Regauge _____

Parish: St Martin Field Duck Lake

Company: Humble Oil & Ref. Co. Serial No. 40345

Well Name & No. L.H. Goodrich Prod Co "E" #1

Location: Sec. 2 Twp. 15S Rge. 11E Flowing XX Pump _____

Prod. Horizon 10900 Perf. Int. 10940 to 10946

Casing Setting: Size 7" @ 11788'

Tubing Setting: Size 2 1/2" @ 10867 T.D. 11888

Date Completed 3/8/50 Date Gauged 1/13/58

Acidize with _____ gals. Elev. of Derr. Floor. _____

— TEST DATE —

T. P. 1300 C. P. — Choke Size 8 /64th

Closing TK Gge. 12 ft. 0 in. @ 9:00 AM Time

Opening TK Gge. 11 ft. 6 in. @ 7:00 AM Time

Diff. _____ ft. 6 in. 2 Hours (Time)

Tank No. 2632.1 Tank Coef. 5.41

Bbls. per 8 Hrs. 16.56 Est. Bbls. per Day 199

Daily Gas Vol. 119 *M.C.F. G/O Ratio 605

B.S.&W. 40 % Corrected Gravity 39.0 Deg. A.P.I.

Witnessed [Signature] Title Farm. Boos

Gauged by Walter A. Richard Title Asst. Insp.
Department of Conservation

District Office Houma, LA

Remarks: Blockhead 2000" 100' in. dia.

Surface Rate 1/2" x 4" line State 3.6

Diff 4.4

No note shake-out taken before oil
entered treater.

Form S D M-2

50M 10-56 T.J.M.

POTENTIAL REPORT

Type Well: Oil XX Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. _____ Retest XX Regauge _____

Parish St martin Field Duck Lake

Company Humble Oil & Ref Co Serial No. 40345

Well Name & No. P.H. Goodrich "E" #1

Location: Sec. 2 Twp. 55 Rge. 11E Flowing XX Pump _____

Prod. Horizon 10900' Perf. Int. 10940' to 10946'

Casing Setting: Size 7" @ 11788'

Tubing Setting: Size 2 1/2" @ 10867' T.D. 11888'

Date Completed 3/8/50 Date Gauged 11/29/54

Acidize with _____ gals. Elev. of Derr. Floor. _____

— TEST DATA —

T. P. 1500 C. P. PKW Choke Size 12 /64th

Closing TK Ggc. 14 ft. 2 in. @ 11:00 AM Time

Opening TK Ggc. 12 ft. 6 in. @ 8:00 AM Time

Diff. 1 ft. 8 in. 3 Hours (Time)

Tank No. KG 2 Tank Coef. 2.75

Bbls. Per. 3 Hrs. 55.00 Est. Bbls. Per Day 440

Daily Gas Vol. 322 *"M" C.F. G/O Ratio 731

B.S.&W. 25 % Corrected Gravity 39 Deg. A.P.I.

Witnessed Henry Townsend Title Prod. Form.

Gauged by E. J. Richard Title P. E.
Department of Conservation

District Office _____

Remarks: not shake-out taken

before oil entered. Two 200# 100" motor. Drifted 1 1/2 x 4" casing
Static 5.3 Diff 880

* Thousands

Form S D M-2

20M 12-58 T.J.M.

POTENTIAL REPORT

Type Well: Oil XX Gas _____ Distillate _____

Type Test: Comp. XX Recom. _____ Retest _____ Regauge _____

Parish St. Martin Field Wack Lake

Company Humble Oil Ref. Co. Serial No. 40345

Well Name & No. R. H. Woodrich "E" 1

Location: Sec. 2 Twp. 15^S Rge. 11^E Flowing XX Pump. _____

Prod. Horizon 10900' Perf. Int. 10940' to 10946'

Casing Setting: Size 7" @ 11788'

Tubing Setting: Size 2 1/2" @ 10867' T. D. 11888'

Date Completed 3-8-50 Date Gauged 5-10-50

Acidize with _____ gals. Elev. of Derr. Floor 18.8

TEST DATA

T. P. 1900 C. P. 0 Choke Size 8/64th

Closing TK Gge. 14 ft. 0 in. @ 1:03 P. M. Time

Opening TK Gge. 12 ft. 6 in. @ 10:03 A. M. Time

Diff. 1 ft. 6 in. 3 Hours (Time)

Tank No. N. G. 42 Tank Coef. 2.75

Bbls. Per 3 Hrs. 49.50 Est. Bbls. Per Day 396 net

Daily Gas Vol. 241 *"M" C.F. G/O Ratio 609/1

B.S.&W. 1/10 % Corrected Gravity 36.0 Deg. A.P.I.

Witnessed Wesley H. (Signature) Pump

Gauged by 3085 (Signature) Title P. J. Brown
Department of Conservation

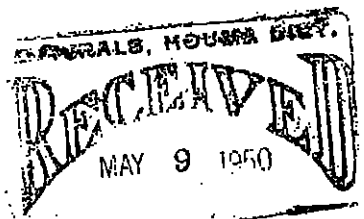
District Office Houma, La.

Remarks: Had 1" Plate 4" Press
L. 10 Chart. R 5.6" R 2.2"

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

HOUMA

DISTRICT



WELL COMPLETION OR RECOMPLETION REPORT

OIL WELL (☒)

DIS. WELL (☐)

GAS WELL (☐)

NOTE

One copy to be filed with District Office within three (3) days of date of completion or recompletion (as per Order No. 29-A, Section X, Paragraph A, Article 1.)

COMPLETION (☒)

RECOMPLETION (☐)

PERMIT

SERIAL NO. 40345

PARISH St. Martin FIELD Duck Lake SEC. 2 TWP. 15-S RNG. 11-E

COMPANY Humble Oil & Refg. Co. LEASE R. H. Goodrich "E" WELL NO. 1

DRILLING CONTRACTOR Co. Rig #33 DATE SPUNDED (OR W.O.) April 2, 1950

DATE COMPLETED OR RECOMPLETED 5-8 1950, AT 7:35 A.M. P.M.

COMPLETION DATA:

INITIAL PRODUCTION 381 BBLs./DAY (NET)

TUBING PRESSURE 1,850 #/SQ. IN. GA. FLOWING (☒) SHUT IN (☐)

CASING PRESSURE 0 #/SQ. IN. GA.

CHOKE SIZE 1/8" POSITIVE (☒) ADJUSTABLE (☐)

B. S. & W. 1/10 of 1% PERCENT SALT WATER (☒) WASH WATER (☐)

GAS VOLUME 232 MCF/DAY

GAS/OIL RATIO 609 CF/BBLs.

GRAVITY 36° (60° A.P.I.)

PRODUCING DEPTH 10,940 FT. TO 10,946 FT.

PERFORATED YES (☒) NO (☐) BOTTOM TUBING 10,867 FT. SIZE 2 1/2 IN.

CASING (OIL STRING) SIZE 7 IN. I.D. (☐) O.D. (☒) BOTTOM SEAT 11,788 FT.

TOTAL DEPTH DRILLED 11,888 FT. DERRICK FLOOR ELEVATION 18.8 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 OIL & REFINING COMPANY
COMPANY

FORM - SDM -1-R
(Over)

A. J. Chesney
COMPANY REPRESENTATIVE
A. J. Chesney, Dist. Supt.

MINERALS DIVISION
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.

Section X, Paragraph B of Order No. 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."

DATE OF TEST	TEST DATA TIME OF TEST	AMOUNT OF OIL PRODUCED
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
_____ 19 _____	_____ .M. TO _____ .M.	_____ BARRELS
	TOTAL:	_____ BARRELS

The above total barrels of oil was produced from _____ Ft. to _____ Ft.
REMAINS:

C O M P A N Y

COMPANY REPRESENTATIVE

No. 24884

DISTRICT OFFICE COPY
DEPARTMENT OF CONSERVATION

\$50.00

PERMIT TO DRILL FOR MINERALS

PARISH St. Martin BATON ROUGE, LA., March 10, 19 50
FIELD Duck Lake
OPERATOR Humble Oil & Refining Company
ADDRESS P. O. Box 2150, Houston 1, Texas
LOCATION OF WELL From the NW. Corner of Sec. 2, T15S, R11E, 1977.5'
Southerly along the West line of Sec. 2; thence 660.0' Easterly,
at right angles, to the location
- - - - - in Sec. 2, T. 15-S, R. 11-E
You are hereby authorized to drill R. H. Gondrich, et al (Pooled Unit)
Well No. E 1, referred to under application bearing serial No. 40345
dated February 28, 19 50, signed by G. C. Clifton
This well to be drilled to 17,500' zone on surface area of 40 acres
DRILLING CONTRACTOR

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

[Signature]
Commissioner, Department of Conservation
Form MD-13-R

[Signature]
Office Manager, Division of Minerals

2M SEP 8 1950

CONTRACT DEPTH 12,500

DATE SPUDED

NEW WELL 3-10-50

WORK OVER

EXPIRED

RENEWED

PARISH St. MartinFIELD Duck Lake

FINAL EXP.

SERIAL NO. 40345SEC. 2TWP. 15SR. 11E

LOCATION OF WELL From the NW Cor. of Sec. 2; T-15S, R-11E;
1977.5' Southerly along the W. line of Sec. 2; thence 660.0'
Easterly, at right angles, to the location in Sec. 2,
T-15S, R-11E.

COMPANY Humble Oil & Refining CompanyLEASE R. H. Goodrich et al (Pooled Unit) WELL NO. "E" 1

DATE SPUDED IN

4-2-50

, 19

CASING SET:

Conductor 16" @ 138' / 175 SX Intermediate

Surface

Oil String

WORK PERMITS ISSUED ON THIS WELL

Date	Permit	Date	Permit	Date	Permit
<u>5-2-50</u>	<u>Ref. H#98</u>				

Date	Condition of Well	Total Depth
<u>3-17-50</u>	<u>Location.</u>	
<u>3-24</u>	<u>LOC.</u>	
<u>3-31-50</u>	<u>LOC.</u>	
<u>4-7-50</u>	<u>Spudded 4-2-50, at</u> <u>16" Cond @ 138' W / 175 SX</u> <u>Set 10 3/4" @ 3023' / 500 SX</u>	<u>3023</u>
<u>4-14-50</u>	<u>7" @ 10335W / 500S</u> <u>" 788 WOC</u>	<u>10335</u>
<u>4-21-50</u>	<u>SH</u>	<u>10377</u>
<u>4-28-50</u>	<u>L.M. + SH.</u>	<u>11253</u>

Handwritten signature/initials

[illegible]

STATE OF LOUISIANA
DIVISION OF MINERALS
DEPARTMENT OF CONSERVATION

P. O. BOX 950
HOUMA, LA.
March 23, 1950

RECEIVED
BATON ROUGE, LA.

MAR 24 1950

DEPARTMENT
OF
CONSERVATION

Mr. S. L. Digby, Commissioner
Department of Conservation
Division of Minerals
State Capitol Building
Baton Rouge, Louisiana

Serial
40345

Att'n: Mr. T. M. Winfield, Chief Engr.

Dear Sir:

On March 7, 1950, we submitted application for permit to drill Humble Oil & Refining's R. H. Goodrich et al "E" (Pooled Unit) Well No. 1, Duck Lake Field, St. Martin Parish, Louisiana. Through error of this office we attached both plats and sent same to you. Please return our plat so that we can have our well file complete.

Yours very truly,

Z. J. Sanders

Z. J. Sanders, Ass't. Mgr.
Houma District Office

ERR/rpr

Mr. Z. J. Sanders
3/24/50

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

APR 11 1950

- AFFIDAVIT OF TEST OF CASING IN WELL -

DATE WORK DONE April 6, 1950

Houma, Louisiana

WORK PERMIT NO. 24884
WELL SERIAL NO. 40345

(One copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE 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 "E" WELL NO. 1

TOTAL DEPTH 3,050'

SIZE OF CASING 10-3/4 IN.; WT. PER FT. 40.5 #: MAKE National

NO. OF THREADS PER IN. 8 GRADE J-55 SEAMLESS X NEW X 2ND

IF SECOND HAND, WAS PIPE TESTED? DESCRIBE

DEPTH LANDED BELOW DERRICK FLOOR 3,023 FT. SACKS OF CEMENT 500

SIZE OF HOLE 14 IN.: AMOUNT OF CEMENT LEFT IN PIPE 43'

METHOD OF CEMENTING Halliburton CEMENT SET 8 HOURS UNDER 500 LBS.

PRESSURE TOTAL TIME SET 30 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: April 6, 1950 GAUGE PRESSURE ON CASING 1,000 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1,000 DROP 0 LBS.

TEST FLUID: WATER X MUD LBS. PER GAS: VISCOSITY SEC.

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: HUMBLE OIL & REFINING COMPANY

WITNESS: Howard
R. H. Parre

E. D. Smith
Representative

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO Perforate DATE May 2, 1950
PARISH St. Martin FIELD Duck Lake
COMPANY Humble Oil & Refining Company
ADDRESS P. O. Box 2180, Houston, Texas
WELL NAME R. H. Goodrich "E" NO. 1 SEC. 2 T15S R. 11E
WELL PERMIT SERIAL NO. 40345 WORK PERMIT NO. Perf. - 8498
LOCATION From the NW Corner of Sec. 2, T15S, R11E, 1,977.5' South-
ly along the West line of Sec. 2; thence 660.0' Easterly at right
angles to the location.
YOU ARE HEREBY AUTHORIZED TO
Perforate 7" C.D. Casing from 10,940 to
10,946 feet with 30 shots for production.

TD. 11,888'

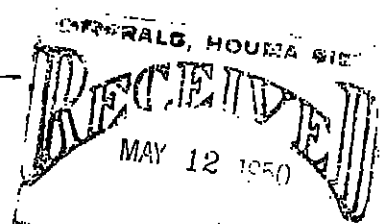
PERMIT REQUESTED BY A. J. Chesney
Company Representative

AUTHORIZED BY H. H. Keno

Houma

District Office

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA



- AFFIDAVIT OF TEST OF CASING IN WELL -

DATE WORK DONE May 5, 1950

Houma, Louisiana

(One copy to be filed with the District Office)

WORK PERMIT NO. 24884
WELL SERIAL NO. 40345

NOTE:

THIS REPORT WILL BE RETURNED IF NOT PROPERLY FILLED IN AND SIGNED

PARISH St. Martin FIELD Duck Lake SEC. 2 TWP. 15 SRGE. 11E

COMPANY Humble Oil & Refg. Co. LEASE R. H. Goodrich "E" WELL NO. 1

TOTAL DEPTH 11,888'

SIZE OF CASING 7 IN. WT. PER FT. 23-26-29-32#: MAKE National & A. O. Smith

NO. OF THREADS PER IN. 8 GRADE S-95 N-80 STAINLESS Yes NEW X 2ND

IF SECOND HAND, WAS PIPE TESTED? DESCRIBE

DEPTH LANDED BELOW DERRICK FLOOR 11,788 FT. SACKS OF CEMENT 1,300

SIZE OF HOLE 9-7/8 IN.: AMOUNT OF CEMENT LEFT IN PIPE 90'

METHOD OF CEMENTING Halliburton CEMENT SET 12 HOURS UNDER 500 LBS.

PRESSURE TOTAL TIME SET 36 HOURS

DETAIL OF PRESSURE TEST BEFORE DRILLING PLUG

DATE OF TEST: May 5, 19 50. GAUGE PRESSURE ON CASING 1,500 LBS.

PRESSURE AT END OF THIRTY MINUTES (30) 1,500 DROP 0 LBS.

TEST FLUID: WATER MUD 10.3 LBS. PER GAS: VISCOSITY 44 SEC.

REMARKS:

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: HUMBLE OIL & REFINING COMPANY

WITNESS: H. Woodward

E. H. Smith
Representative

Permit Verbal

PERFORATING DATA SHEET

LANE-WELLS COMPANY

Number Jobs This Trip 2 Barga

District SO. LA. NT Operating Base New Iberia Date 5-6-50 S. O. #

Truck No. BR 169 Operator J. M. Haddleton Helper E. J. Heidy - Rensselaer

Customer Humble Oil & Refg Co. Authorized Agent

Name of Well R. H. Goodrich No. E-1 Field Duck Lake

State Louisiana County/Parish St. Martin

Job Scheduled Following Log A.M. P.M. Arrived At Location Landing A.M. P.M.

On Job A.M. P.M. 58 M. Res. Off Job A.M. P.M. 58 M. Res.

Standby Time Max. Temp. °F.

New or Old Well New Purpose of Perforating Production Kind of Fluid Oil Level Full

Casing Record 7' 0" 29" Cemented In 9 1/4" Liner Record — Cemented In —

Customer's Depth 11.2 Measure Method Rock Zero Point 1' 3" above Rotary

Lane-Wells Depth — Size Gun No. No. Type Controller No. No.

Bullet Size 3.6 Holes from 10,946 to 10,940 Fr. Holes from to Fr.

Holes from to Ft. Shooting Zones Approved By: Geo. J. McElure Title Geol

Run No.	Run No.	Run No.	Run No.	Run No.	Run No.
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					

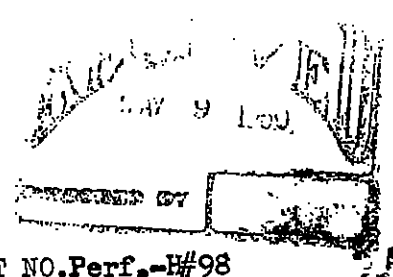
RUNNING TIME			REMARKS
1)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		
2)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		
3)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		
4)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		
5)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		
6)	In From _____ to _____	A.M. P.M.	
	Out From _____ to _____	A.M. P.M.	
	Fluid _____		
	In _____ Out _____		
	Holes _____ Total _____		
	Misses _____ Total _____		

Mileage: From _____ to _____

Mileage: From _____ to _____

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

- PERFORATING RECORD -



DATE WORK DONE May 7, 1950

WORK PERMIT NO. Perf.-H#98
WELL SERIAL NO. 40345

Houma, Louisiana

(One Copy to be filed with the District Office)

NOTE:

THIS REPORT WILL BE 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 "E" WELL NO. 1
TOTAL DEPTH 11,888' NEW OR OLD WELL New
SIZE CASING 7" O. D. DEPTH OF CASING 11,788'
DEPTH OF PLUG BELOW PERFORATIONS 172'
PERFORATED FROM 10,940' TO 10,946'
NUMBER OF HOLES 36 SIZE OF HOLES 15/32"
PERFORATING COMPANY Lane- Wells TRUCK NUMBER 177
PURPOSE OF PERFORATIONS Production

REMARKS: _____

THIS WORK WAS DONE ACCORDING TO THE RULES AND REGULATIONS OF THE DEPARTMENT OF CONSERVATION, MINERALS DIVISION.

SIGNED: HUMBLE OIL & REFINING COMPANY
C O M P A N Y

A. J. Chesney
Representative
A. J. Chesney, Dist. Supt.

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
MINERALS DIVISION

LOG OF WELL

FIELD South Lake COMPANY Mobile Oil & Refining Company
 Parish St. Martin Sec. 2 Twp. 15-2 Rge. 11-2 Elevation 13.00
 Location 1.70' south of the north line & 6.50' east of the west line of above section.
 Lease St. Martin Well No. 1 Permit No. 2400 Permit Serial No. 4005
 The data given herewith is a complete record of the well and all work done thereon as determined from all available records.
 Began Drilling April 8 19 30 Completed May 9 19 30

Completed as Oil () Gas () Condensate () Dry () Well

OIL AND GAS ZONES

From 1000 to 1000 feet
 From 1000 to 1000 feet
 From 1000 to 1000 feet

SALT WATER SANDS

In zone of production
 From 1000 to 1000 feet
 From 1000 to 1000 feet

FRESH WATER SANDS

From 1000 to 1000 feet
 From 1000 to 1000 feet
 From 1000 to 1000 feet

DRILL STEM TESTS

Depth		Recovery in Stands			Chokes		Lbs. Pressure		Date	Time	Size D. S.
Seat	Bottom	Oil	Water	Sd. or Mud	Top	Bottom	Top	Bottom			

CASING RECORD

Size	Wt. Per Foot	Make	Where Landed	No. of Sks. Cement	Stood Hours	Pressure Test, Lbs.
<u>10 3/4"</u>	<u>30.50</u>	<u>Amalgam</u>	<u>1000.00</u>	<u>100</u>	<u>10</u>	<u>100</u>
<u>10 3/4"</u>	<u>30.50</u>	<u>Amalgam</u>	<u>1000.00</u>	<u>100</u>	<u>10</u>	<u>100</u>
<u>10 3/4"</u>	<u>30.50</u>	<u>Amalgam</u>	<u>1000.00</u>	<u>100</u>	<u>10</u>	<u>100</u>

COMPLETION DATA

Liner Size 10 3/4" Weight 30.50 Length 1000.00 Screen size 10 3/4" Gage 10 3/4" Length 10 3/4"
 Casing Perforations (prod. depth) from 1000.00 to 1000.00 ft. No. of holes 10 3/4"
 Acidized with 10 3/4" gallons. Other physical or chemical treatment of 10 3/4" to induce flow 10 3/4"
 Prod. began 10 3/4" 19 30 Making 10 3/4" bbls./day of 10 3/4" I. Gravity Fluid on 10 3/4" Choke.
 Tub. Pres. 10 3/4" lbs./sq. in. Csg. Pres. 10 3/4" lbs./sq. in. Gas Vol. 10 3/4" M. C. F. Gas Oil Ratio 10 3/4"
 B. S. & W. 10 3/4" % Gas Gravity 10 3/4" B. T. U.'s/M. C. F. 10 3/4" Gals. Gasoline/M. C. F. 10 3/4"

WELL DATA

Indicate (yes or no) whether or not the following information was obtained.

Electrical Log 10 3/4" 19 30 Straight Hole Survey 10 3/4" Type 10 3/4"
 Time Drilling Record 10 3/4" Other Types of Hole Survey 10 3/4" Type 10 3/4"
 Core Analysis 10 3/4" Depth 10 3/4" to 10 3/4"

LOCATION OF WELL BOTTOM

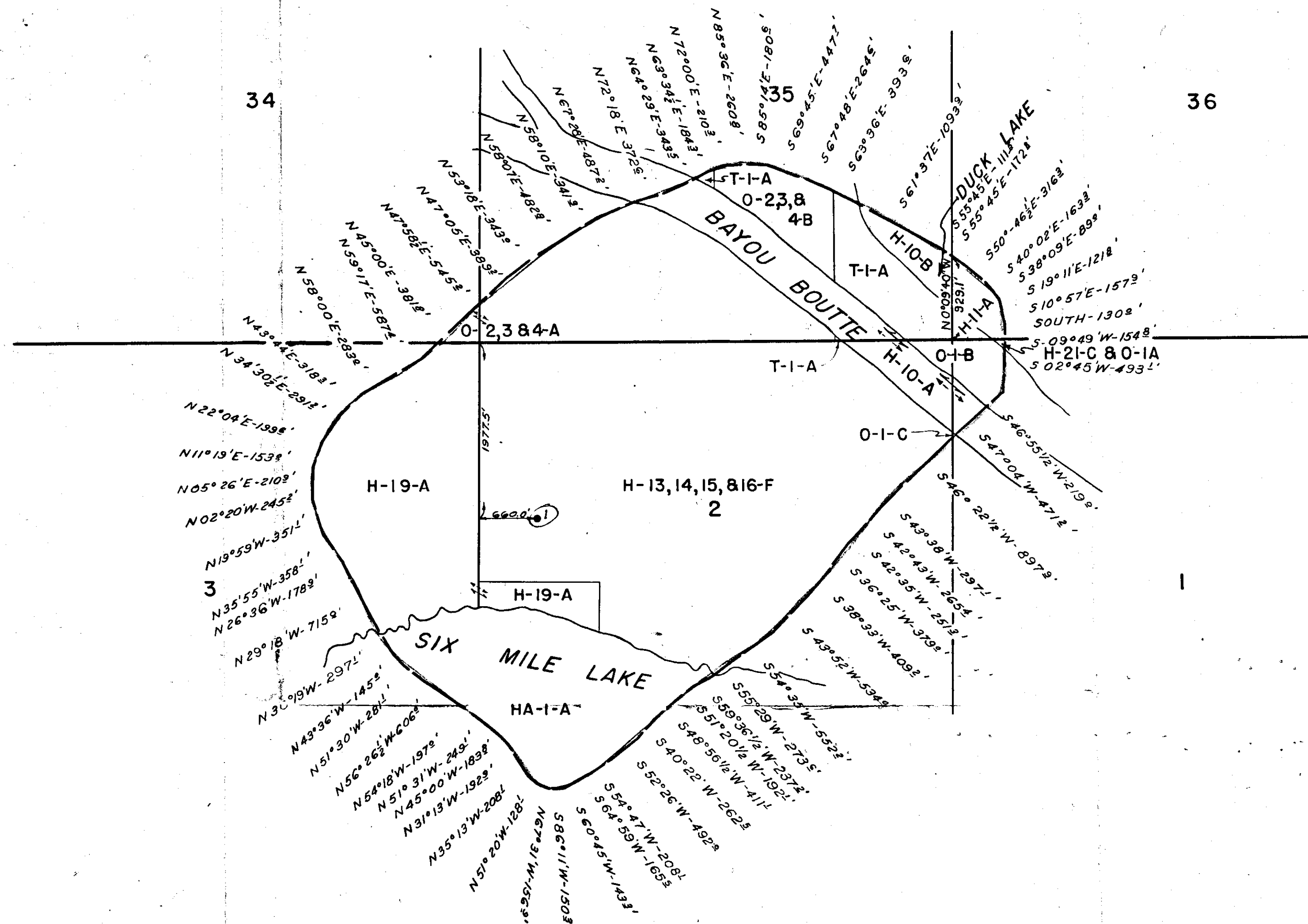
Latitude 10 3/4" ft. Longitude 10 3/4" ft. Average Inclination 10 3/4" Vertical Correction 10 3/4"
 Drilling Engineer 10 3/4" Signed 10 3/4"
 Date 10 3/4" 19 30 Title 10 3/4"
 Form No. 12-M-R

DEPARTMENT OF CONSERVATION
MINERALS DIVISION
LAFAYETTE, LOUISIANA

DRILLER'S LOG

From	To	Type of Formation	From	To	Type of Formation
0	1128	Sand & Gravel			
1128	1796	Shale with streaks Sand & Gravel			
1796	3090	Shale with Sand & Shell			
3090	4006	clitic			
4006	5340	Shale with Sandy Shale & Gravel			
5340	6381	clitic			
6381	7500	Shale			
7500	8277	Shale with streaks Hard Sand			
8277	9079	Hard Sand with streaks Shale			
9079	9772	Sandy Shale			
9772	10326	Shale with Sandy Shale			
10326	10674	Sand with Hard Shale			
10674	11168	Hard Shale with streaks Hard Sand			
11168	11510	Sand with streaks Hard Shale			
11510	11888	Hard Sand			
	T. O.				

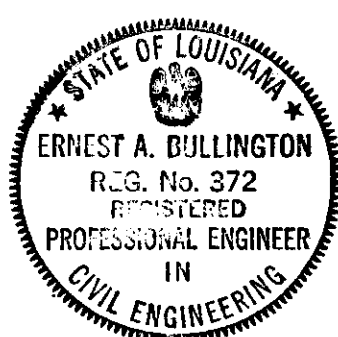
T14S - R11E



T15S - R11E

I hereby certify that Duck Lake Operc-3 Oil Sand Well N°1 is located as shown hereon.

Prepared by *Ernest A. Bullington*
La. Reg. Civil Engr. No. 372.



Note: All bearings are grid based on the Lambert Coordinate System for Louisiana, South Zone.



DEC 12 1957

DUCK LAKE OPERC-3 OIL SAND
OPERC-3-SAND-EXHIBIT C-3
DUCK LAKE FIELD
ST. MARTIN PARISH, LA.

020859
40345

DRAWN BY BC DATE 2-18-54 REV. 5-29-56 S.L.T.

POTENTIAL REPORT

Type Well: Oil ☒ Gas ☐ Distillate ☐

Type Test: Comp. ☐ Recomp. ☐ Retest ☒ Regauge ☐

Parish St. Martin Field Duck Lake

Company Humble Oil & Refining Co. Serial No. 40345

Well Name & No. Duck Lake Oper. 3 Oil Sand #1

Location: Sec. 2 Twp. 15S Rge. 11E Flowing ☒ Pump ☐

Prod. Horizon 10940 to 10946

Casing Setting: Size 7" @ 11,788

Tubing Setting: Size 2" @ 10,931 T.D. 11,888

Date Completed 11-18-54 Date Gauged 7-7-60

Acidize with 18.80 gals. Elev. of Derr. Floor 18.80

— TEST DATE —

T. P. 1350# C. P. 0 Choke Size 7 /64th

Closing TK Gge. 7 ft. 2 1/4 in. @ 01:00 A.M. 7-7-60 Time

Opening TK Gge. 6 ft. 3 3/4 in. @ 09:00 P.M. 7-7-60 Time

Diff. 0 ft. 10 1/2 in. 4 Hours (Time)

Tank No. 26323 Tank Coef. 2.70

Bbls. per 4 Hrs. 17.40 Est. Bbls. per Day 104

Daily Gas Vol. 44 *"M" C.F. G/O Ratio 427

B.S.&W. 40 % Corrected Gravity 35.7 Deg. A.P.I.

Witnessed [Signature] Title Dist. Supr Engr

Gauged by Valton A. Richard Title Asst. Supr

Department of Conservation

District Office Houma, Louisiana

Remarks: _____

(no Records)

HUMBLE OIL & REFINING COMPANY

PRODUCTION DEPARTMENT

POST OFFICE BOX 626

NEW ORLEANS 7, LOUISIANA

EASTERN DIVISION

C. L. FURSE
DIV. SUPERINTENDENT
J. D. LUTCH
ASST. DIV. Supt.
J. C. HOSKINS
ASST. DIV. Supt.
J. D. BAKER
ASST. DIV. Supt.
J. M. McFADDEN
ASST. DIV. Supt.

December 11, 1957

DEC 12 1957

Mr. R. H. Parro
Department of Conservation
Minerals Division
P. O. Box 950
Houma, Louisiana

Dear Mr. Parro:

Attached in duplicate are our Permits to Drill the following wells in the Duck Lake Field, St. Martin Parish, Louisiana, amended to change the name of the wells as follows:

From	To	Permit Serial No.
USA GLO-09287, et al "B" (Pooled Unit) No. 1	Duck Lake Operc. 7 Oil Sand, #8	42441
Atchafalaya Land Co., et al Unit No. 1	Duck Lake Operc. 7 Oil Sand, #1	36215
N. H. Breaux, et al (Pooled Unit) No. 1	Duck Lake Operc. 7 Oil Sand, #2	47050
Duck Lake Oil Unit #35, Well #1	Duck Lake Operc. 2 Oil Sand, #1	47646
R. H. Goodrich, et al Unit "B", #1	Duck Lake Operc. 6 Oil Sand, #1	37686
Schwing Lumber & Shingle Co. "E", No. 1	Duck Lake Operc. 2 Oil Sand, #8	39295
R. H. Goodrich, et al "C", No. 2	Duck Lake Operc. 6 Oil Sand, #2	40639
R. H. Goodrich, et al "C", No. 3	Duck Lake Operc. 6 Oil Sand, #3	42315
Schwing Lumber & Shingle Co. "E", No. 6	Duck Lake Operc. 7 Oil Sand, #6	43044
Schwing Lumber & Shingle Co. "E", No. 8	Duck Lake Operc. 7 Oil Sand, #7	44855
Schwing Lumber & Shingle Co. "E", No. 4	Duck Lake Operc. 7 Oil Sand, #5	42951
Duck Lake Oil Unit #36, Well #1	Duck Lake Operc. 2 Oil Sand, #2	47593
Salt Domes, Inc., Well #10	Duck Lake Operc. 2 Oil Sand, #7	44502
St. Lse. 711, et al Unit #1, #1	Duck Lake Operc. 8 Oil Sand, #5	43040
Salt Domes, Inc., Well #6	Duck Lake UL-3 Oil Sand, #2	45770
R. H. Goodrich, et al "C", Well #7	Duck Lake Operc. 2 Oil Sand, #4	44843
Salt Domes, Inc., Well #3	Duck Lake Operc. 8 Oil Sand, #1	40920
St. Lse. 711, Duck Lake et al "B" (Pooled Unit) #1	Duck Lake Operc. 2 Oil Sand, #9	46192
Albert Stockstill, et al (Pooled Unit) #2	Duck Lake Operc. 2 Oil Sand, #10	47647

Mr. R. H. Parro

-2-

December 11, 1957

From	To	Permit Serial No.
Salt Domes, Inc., Well #9	Duck Lake Operc. 6 Oil Sand, #4	43023
Salt Domes, Inc., Well #4	Duck Lake Operc. 8 Oil Sand, #2	41320
Salt Domes, Inc., Well #5	Duck Lake Operc. 2 Oil Sand, #6	47269
Schwing Lumber & Shingle Co. "E", No. 5	Duck Lake Operc. 6 Oil Sand, #5	43041
Schwing Lumber & Shingle Co. "E", No. 7	Duck Lake Operc. 8 Oil Sand, #4	43823
Williams, Inc. et al "E" (Pooled Unit) #2	Duck Lake Operc. 8 Oil Sand, #7	47648
Schwing Lumber & Shingle Co. "E", #3	Duck Lake Operc. 8 Oil Sand, #3	41353
R. H. Goodrich, et al "C" #4	Duck Lake Operc. 7 Oil Sand, #3	42791
R. H. Goodrich, et al "D" (Pooled Unit) #1	Duck Lake Operc. 7 Oil Sand, #4	39978
Salt Domes, Inc., #7	Duck Lake UL-3 Oil Sand, #3	48256
R. H. Goodrich, et al "F" (Pooled Unit) #1	Duck Lake Operc. 2 Oil Sand, #5	43586
USA GLO-09287, et al (Pooled Unit) #1	Duck Lake Operc. 2 Oil Sand, #11	41933
R. H. Goodrich, et al "C", Well #6	Duck Lake Operc. 2 Oil Sand, #3	44706
Williams, Inc. "D", #1	Duck Lake Operc. 8 Oil Sand, #6	41945
Salt Domes, Inc. Well #8	Duck Lake UL-3 Oil Sand, #4	47419
Salt Domes, Inc. Well #2	Duck Lake UL-3 Oil Sand, #1	48257
✓ R. H. Goodrich, et al "E" (Pooled Unit) No. 1	Duck Lake Operc. 3 Oil Sand, #1	40345

Please make these changes in the names of these wells effective January 1, 1958, at which time Humble will become operator of the units.

Applications to change the name of wells contributed by Hunt, Arkansas, Ohio, and The Texas Company to the unit will be forwarded to you within the next few days.

Yours very truly,

HUMBLE OIL & REFINING COMPANY

BY O L Furr

LEN:pf
Attachments

Mr. C.L. Foy
Nº 10735

QUADRUPLICATE TO DISTRICT OFFICE

DEPARTMENT OF CONSERVATION
AMENDED PERMIT TO DRILL FOR MINERALS

AMEND WELL NAME & NO.

December 31

1957

PARISH St. Martin BATON ROUGE, LA.
FIELD Duck Lake
OPERATOR Humble Oil & Refining Company
Box 21801, Houston, Texas
ADDRESS

LOCATION OF WELL From NW/Cor. of Sec. 2-153-11E, S/ly 1977.5' along W/L of Sec.
1/4 E/ly at N/A to location

Formerly E. H. Goodrich et al (Pooled Unit) Well #E-1

You are hereby authorized to drill Duck Lake Operc. 3 Oil Ed. Sec. 2, T. 153, R. 11E
Well No. 10735 referred to under application bearing serial No. 10735 10345
dated 12/11/57, 1957, signed by _____

This well to be drilled to _____ zone on surface area of _____ acres
Permit No. 24521, issued 3/10/50, 1950

DRILLING CONTRACTOR

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

Commissioner, Department of Conservation
Form MD-15-R

Chief Engineer

2M Sets 9-54 T.J.M.

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO workover DATE 6/21/60
PARISH St. Martin FIELD Duck Lake
COMPANY Humble Oil & Rfg. Co.
ADDRESS Houston, Texas
WELL NAME Duck Lk. Operc. 3 Oil Sq. No. 1 SEC. 2 T. 15S R. 11E
WELL PERMIT SERIAL No. 40345 WORK PERMIT No. W.O. H/214
LOCATION fr. NW/cor. of sec. 2 - 15S-11E/1y 1979.5' along W / L
of sec. 2 th. 660.0' E/ly at R/a to loc.
YOU ARE HEREBY AUTHORIZED TO perf. 7" csg. from 9039 to 9040
and from 9012 to 9013' and circulate and sq. cmt. behind
7" csg. perf. 9018-27 PD 10940-46
TD. 11888
PERMIT REQUESTED BY E.E. Setser

AUTHORIZED BY [Signature]
Houma
Company Representative

CONTRACT PTH

DATE ISSUED

DRLG. CONTRACTOR

NEW WELL

WORK OVER 6/21/60WO H# 214

EXPIRED

PARISH ST. MARTIN

RENEWED

FIELD DUCK LAKE

FINAL EXP.

SERIAL No. 40345SEC. 2TWP. 15SR. 11E

LOCATION OF WELL From NW/Cor of Sec. 2-15S-11E, S/ly
1977.5' along W/L of Sec. 2, thence 660.0' E/ly at R/A
to Loc.

COMPANY HUMBLE OIL & REFINING COMPANYLEASE DK. LK. OPERC 3 OIL SD.WELL No. 1

DATE SPUDDED IN

19

CASING SET:

Conductor

Intermediate

Surface

Oil String

WORK PERMITS ISSUED ON THIS WELL

Date	Permit	Date	Permit	Date	Permit
6/21/60	WO H# 214				

Date	Condition of Well	Total Depth
6/24/60	(WO) Perf. 7" csg. from 9039-40' & from 9012-13' & circulate & sq. cmt. behind 7" csg. Perf. 9018-22 PD 10940-46	11888
7-1	(W.I.) 50 P.D. 15 9015-22 D 6	11888
7-8	(W.D) Perf 10822-31 4 to 11 1/2'	11722
7/15	(W.D)	
	Decomp 7/7/60 10 1/2" P.D. 7162 CW - 1-1-1 N.D. 1354W 40.7 60 P 427 60 1/2" 35.7 PD 10940-46 P.D. 15	11858

[illegible]

JUN 28 1960

Run No. _____

Date 6.22.60

Company Humble Oil & Refg. Co. Address Morgantown C. Ky

Well Ope. 3 Oil Sand #1 Field Duck Lake

County St. Mary State Id.

Depth of Plug (By Schlumberger) _____ (By Driller) _____

Casing Specifications: (First) OD. 7 ID. 6.75 WT. 29 (Second OD. ID. WT.)

Drilling Fluid Characteristics: Nature: mud

Density 10.5 Viscosity - Fluid Level Full[illegible]

Bullet Diameter 12

Total Number of Shots: 4

Remarks

Observer

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

6/28/60

PERMIT TO squeeze DATE 6/28/60
PARISH St. Martin FIELD Duck Lake
COMPANY Humble Oil & Refg. Co.
ADDRESS Houston, Texas
WELL NAME Duck Lake Operc. 3 Oil Sd. No. 1 SEC. 2 T. 15S R. 11E
WELL PERMIT SERIAL No. 40345 WORK PERMIT No. Sq. H#83
LOCATION _____

YOU ARE HEREBY AUTHORIZED TO sq. perf. in 7" csg. from
9018 to 9022' w/125 sq. of cnt.

TD11888

PERMIT REQUESTED BY E.E. Selsor

Company Representative

AUTHORIZED BY R. E. Karr
Houma

District Office

WELL COMPLETION OR RECOMPLETION REPORT

JUL 11 1960

Re: Well Serial No. 40345

DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA
Morgan City DISTRICT

Gentlemen:

This is to advise that the following described well has been ~~(COMPLETED)~~
(RECOMPLETED) as an (OIL)(~~WATER~~) well and its status is as follows:

Producing ☒ Flowing ☒ Gas-lifting ☐ Pumping ☐ Shut-in ☐
Field Duck Lake Parish St. Martin Sec. 2 Twp. 15S Rge. 11E
Company Humble Oil & Refining Lease Duck Lake Operc 3 Oil Sand Well No. 1
Date completed or recompleted July 7, 1960 at 10:00 (~~XXXX~~)(P. M.)

COMPLETION DATA

Initial production 104 BOPD Gas volume 44 MCF/Day
Tubing pressure 1350 psig Casing pressure 0 psig
Choke size 7 /64 Positive ☒ Adjustable ☐ B. S. & W. 40 %
Gas/Oil ratio 427 CF/Bbl. Gravity 35.7 at 60° A. P. I.
Producing depth: From 10,940 Ft. to 10,946 Ft. T. D. 11,888 Ft.

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

(Three (3) copies to be filed with the
District Office within three (3) days
of date of completion or recompletion
(as per Order 29-B, Section X, Para-
graph A, Article 1).)

HUMBLE OIL & REFINING COMPANY
COMPANY

(Signed)

COMPANY REPRESENTATIVE

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-B

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."

T E S T D A T A

<u>Date of Test</u>	<u>Time of Test</u>	<u>Amount of Oil Produced</u>
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels
_____	_____ M. to _____ M.	_____ Barrels

TOTAL _____ BARRELS

The above total barrels of oil were produced from _____ Ft. to _____ Ft.

Remarks: _____

COMPANY

(Signed) _____
COMPANY REPRESENTATIVE

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO WORKOVER DATE 7/13/60
PARISH ST. MARTIN FIELD DUCK LAKE
COMPANY HUMBEL OIL & REC. CO.
ADDRESS HOUSTON, TEXAS
WELL NAME DK-LK. OBERC. 8 OIL SD. No. 1-D SEC 36 T. 14SR 11E
WELL PERMIT SERIAL No. 40920 WORK PERMIT No. W.O.H# 247
LOCATION _____

YOU ARE HEREBY AUTHORIZED TO Perf. 7" csg. from 10910-15' w/10
shots for DST

(ISSUED PENDING APPROVAL OF PERMIT TO DRILL) _____ TD. 11832

PERMIT REQUESTED BY _____ E. E. SETSER

Company Representative

AUTHORIZED BY [Signature]

HOUMA
District Office

MINERALS DIVISION
DEPARTMENT OF CONSERVATION
STATE OF LOUISIANA

WORK PERMIT

PERMIT TO PERFORATE DATE 7/13/60
PARISH ST. MARTIN FIELD DUCK LAKE
COMPANY HUMBLE OIL & RFG. CO.
ADDRESS HOUSTON, TEXAS
WELL NAME DK.LK.OPERC 3 OIL SD. No. 1-D SEC. 2 T. 15S R. 11E
WELL PERMIT SERIAL No. 40345 WORK PERMIT No. PERF H# 531
LOCATION _____

YOU ARE HEREBY AUTHORIZED TO Pef. 7" csg. from 10892-903' w/22
shots

(ISSUED PENDING APPROVAL OF PERMIT TO DRILL) _____ TD 11888

PERMIT REQUESTED BY E. E. SETSER

Company Representative

AUTHORIZED BY [Signature]

HOUMA

District Office

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATIONAMEND WELL NAME

Amended Permit (Corrected)

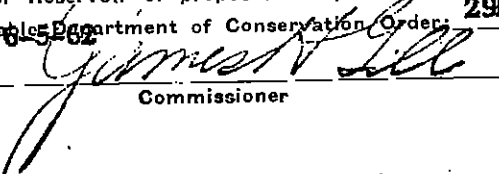
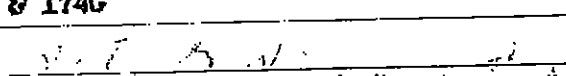
AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)SERIAL NO.: 40345 BATON ROUGE, LA. 5-14-62, 19____
PARISH: St. Martin FIELD: Duck LakeOPERATOR: Humble Oil & Refining Company
ADDRESS: P.O. Box 1812
New Orleans, La.WELL NAME: DL Operc 3 SU; Goodrich E NO.: 10
LOCATION OF WELL: Sec. 2 T 15S R 11E From NW Cor. of Sec. 2, T14 S,
R11E, southerly 1977.5' along W/L of Sec. 2, thence 660' easterly at R/A to
location.

(FMY: Duck Lake Operc 3 oil Sd.)

Zone or Reservoir of proposed completion:

Applicable Department of Conservation Order: 29B & 174G

EAF: 5-14-62


Commissioner
Issuing Authority

POTENTIAL REPORT

Type Well: Oil ☒ Gas _____ Distillate _____

Type Test: Comp. _____ Recomp. _____ Retest ☒ Regauge _____

Parish St. Martin Field Black Lake

Company Humble Oil & Ref. Co. Serial No. 40345

Well Name & No. Open 3561 Norwich E, #1 (1)

Location: Sec. 2 Twp. 15S Rge. 11E Flowing ☒ Pump _____

Prod. Horizon _____ Perf. Int. 10940 to 10946

Casing Setting: Size 7" @ 11788

Tubing Setting: Size 2 3/8 @ 10930 T.D. 11888

Date Completed 1-5-65 Date Gauged 1-15-65

Acidize with _____ gals. Elev. of Derr. Floor _____

TEST DATE
Dec 1st 1964 Installed

T. P. 1400 C. P. _____ Choke Size 8 /64th

Closing TK Gge. 1 ft. 8 1/2 in. @ 1:00 pm Time

Opening TK Gge. 1 ft. 2 1/2 in. @ 10:00 am Time

Diff. _____ ft. 6 in. 3 Hours (Time)

Tank No. _____ Tank Coef. 2.76

Bbls. per 3 Hrs. 16.56 Est. Bbls. per Day 132

Daily Gas Vol. 140 M.C.F. G/O Ratio 106/1

B.S.&W. 40 % Corrected Gravity 38.2 Deg. A.P.I.

Witnessed Paul J. Ammons Title Prod. Sup.

Gauged by D. J. Brundum Title Prod. Sup.
Department of Conservation

District Office Lafayette

Remarks: 4" X 1/2

1500

5-1 X 4.3 140,000 C.F.

95-75

#1-40345
#1-D-81401

PACKER SETTING CERTIFICATE

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

I, WARREN J. LEGER, having full knowledge of the
Name of Party Making Certification
facts herebelow set out, do state:

That I am employed by Williams Drilling Co in the capacity
of Tool Pusher, that on 4-10, 1971,
I personally supervised the setting of a Brook 7" D-5034 Pack
in Humble Oil & Ref. Co.,
Well No. 1 (1), located in the Duck Lake Field, St. Martin Parish, Louisiana at a subsurface depth of 10236. feet, said depth measurement having been furnished me by J. H. Black; that the purpose of setting this packer was to effect a seal in the annular space between the two strings of pipe where the packer was set so as to prevent the commingling, in the bore of this well, of fluids produced from a stratum below the packer with fluids produced from a stratum above the packer; that this packer was properly set and that it did, when set, effectively and absolutely seal off the annular space between the two strings of pipe where it was set in such manner 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 contained herein is true and correct.

Signed

Title

Representing

Work Permit

STATE OF LOUISIANA DEPARTMENT OF CONSERVATION

Well Name & No. DL Operc 3 SU; Goodrich E #1 (E) Sec. 2 T. 15S R. 11E
Field Duck Lake Parish St. Martin
Permit Serial No. 40345 Work Permit No. L# 1924, 1972
Description of Work Pull tbg. Sqz. perfs. 10,940-46' EL leaving top of
cmt. at approx. 10,910'. Return tbg. Perforate 9012-20' EL.
.....
.....
Sand & Reservoir To Be Tested DL-3 TD 11,888'
Operator HUMBLE OIL & REFINING COMPANY, OIL & GAS ACCTG. SUPV.
Address POST OFFICE BOX 60626
City, State & Zip NEW ORLEANS, LOUISIANA 70160
Permit Requested By *[Signature]* Date 10-10-72
DSJ/
Permit Authorized By _____ District Lafayette Date 10-11-72

INSTRUCTIONS

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.

- DEPARTMENT OF CONSERVATION
JAN 11 1972
REGISTRATION
1. Abandon (Plug & Abandon)
 2. Deepen
 3. Perforate
 4. Squeeze
 5. Plugback
 6. Sidetrack
 7. Pull Casing
 8. Change Zone of Selective Completion
 9. Drill Salt Water Disposal Well
 10. Convert to Salt Water Disposal Well
 11. 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.

AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION
Amended Permit (Corrected)

040345 Serial No. Laf Date September 9, 1977

CURRENT CODES

FORMER CODES

050 PARISH St. Martin
3444 FIELD Duck Lake
1747 OPERATOR Exxon Corporation
ADDRESS P.O. Box 60626
CITY & STATE New Orleans, Louisiana 70160

501228 WELL NAME DL HL-3 RA SU; Goodrich E * No. 1 501228

LOCATION OF WELL: Sec. 2 T 15S R 11E Former Well No. _____

Location Same

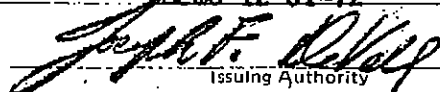
*Formerly: DL HL-3 SU; Goodrich E

Applicable Department of Conservation Order _____

Memo 12-01-72



District Office



Issuing Authority

DISTRICT OFFICE COPY

No. A-C

STATE OF LOUISIANA
DEPARTMENT OF CONSERVATION

AMEND OPERATOR

Amended Permit..... \$25.00

AMENDED PERMIT TO DRILL FOR MINERALS

SERIAL NO.: 40345 BATON ROUGE, LA., JANUARY 1, 1973

PARISH: ST. MARTIN FIELD: DUCK LAKE

OPERATOR: EXXON CORPORATION *

ADDRESS: P. O. BOX 60626

NEW ORLEANS, LOUISIANA 70160

WELL NAME: DL OPERC 3 SU; GOODRICH E NO.: 1

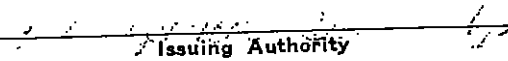
LOCATION OF WELL: Sec. 2 T. 15S R. 11E

LOCATION SAME.

*FORMERLY: HUMBLE OIL & REFINING COMPANY

Zone or Reservoir of proposed completion:

Applicable Department of Conservation Order: 29-B


Commissioner
Issuing Authority

EXXON COMPANY, U.S.A.

POST OFFICE BOX 60626 • NEW ORLEANS, LOUISIANA 70160

March 14, 1973

PRODUCTION DEPARTMENT
SOUTHEASTERN DIVISION

Well Name Change
Duck Lake Field

Mr. Frank J. Fava, Jr.
Department of Conservation
Minerals Division
Oil Center Station
P. O. Box 51285
Lafayette, Louisiana 70501

Dear Mr. Fava:

Attached is form MD-10-R-A, Application to Amend Well Name as follows:

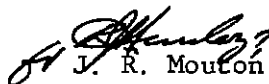
FROM: DL OPERC 3 SU; GOODRICH E (1), Well No. 1

TO: DL UL-3 SU; GOODRICH E (17), Well No. 1

The effective date of this change is October 27, 1972.

Yours very truly,

Exxon Corporation


J. R. Mouton

DSJ/

Attachment

March 15, 1973

Mr. T. M. Winfield, Chief Engineer
P. O. Box 44275-Capitol Station
Baton Rouge, La. 70804

Dear Mr. Winfield:

Enclosed herewith please find application from Exxon Corporation for permit to amend well name from DL Operc 3 SU; Goodrich E #1 to DL UL-3 SU; Goodrich E (17) #1, Serial #40345, Duck Lake Field, St. Martin Parish.

Yours very truly,

Frank J. Fava, Jr., Manager
Lafayette District

FJF:dd

Encls.

cc: Audit Section
Baton Rouge, La.

DISTRICT OFFICE COPY

NO.

A-C

STATE OF LOUISIANA

DEPARTMENT OF CONSERVATION

AMENDED PERMIT (Corrected)

To Correct Well Name
AMENDED PERMIT TO DRILL FOR MINERALS (CORRECTED)

Serial No. 40345 Date March 19, 1973
Parish St. Martin Field Duck Lake

Operator Exxon Corporation
Address P. O. Box 60626
City & State New Orleans, La. 70160
Well Name DL UL-3 SU; GOODRICH E* No 1
Location of Well: Sec. 2 T. 15S R. 11E
Location Same
*Formerly: DL OPERC 3 SU; GOODRICH E

Zone or Reservoir of Proposed Completion _____
Applicable Department of Conservation Order 174-F-1


COMMISSIONER
ISSUING AUTHORITY

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

...\$100.00

040345 SERIAL NO

DATE 07/13/94

EFFECTIVE 06/09/94

CURRENT CODES

050 PARISH ST MARTIN
3444 FIELD DUCK LAKE
H032 OPERATOR HILCORP ENERGY COMPANY
1 PRODUCT ATTN: JAMES ANHAISER
L000945 MA P. O. BOX 61229
HOUSTON, TEXAS

DISTRICT LAFAYETTE

RECEIVED

JUL 21 1994

77208

LAFAYETTE DISTRICT OFFICE
OF CONSERVATION

2-501228 WELL NAME DL UL-3 RA SU;GOODRICH E
LOCATION OF WELL SEC 002 T 15S R 11E
FORMER OPERATOR NAME: EXXON CORPORATION

NO. 001

1747

APPLICABLE OFFICE OF CONSERVATION ORDER

H. W. THOMPSON

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

DISTRICT OFFICE



OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

Duck Lake

SERIAL NO.

040345

PRODUCING INTERVAL

Salt Water Injection Well

RESERVOIR (COMPANY SAND IDENTIFICATION)

n/a

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.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

☐ NEW WELL

☒ RECOMPLETION

☐ P & A

☐

31 INACTIVE DRY HOLE FUT. UTIL.

☐

32 INACTIVE DRY HOLE NO FUT. UTIL.

☐

36 INACTIVE WAITING ON PIPELINE

☐

37 INACTIVE WAITING ON MARKET

PRODUCT

☐ OIL

☐ GAS

☒ OTHER

IF RECOMPLETION

☐ SAME RESERVOIR

☒ DIFFERENT RESERVOIR

DATE COMP. RECOMP.
OR P & A
M D Y

7/1/95

OPERATOR

Hilcorp Energy Company

CODE

H032

ADDRESS

P.O. Box 61229 Houston, TX 77208-1229

WELL NAME

Goodrich E SWD

WELL NO.

1

PARISH

St. Martin

SEC.

2

TWP.

15 S

RGE.

11 E

DATE PERMIT ISSUED

Workover

DATE SPUNDED

M D Y

DATE READY TO PRODUCE*

TOTAL DEPTH

11,888'

PSTD.

4,600'

GROUND ELEVATION

CASING HEAD FLANGE ELEVATION

DISTANCE FROM RKB TO CHF

DATE WELL TURNED INTO TANKS

SINGLE, DUAL OR TRIPLE COMPLETION?

single

NOTE:

IF THIS IS A MULTIPLE COMPLETION,
FURNISH A SEPARATE REPORT FOR
EACH COMPLETION

WAS WELL DIRECTIONALLY

DRILLED?

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE

OFFICE OF CONSERVATION?

DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	16	---	38.5	0	137.77	175				
102	10-3/4	13" (est)	40.5	0	3023.62	500				
103	7"	9" (est)	23.32	0	11788	1300				
104										
105										
TUBING SIZE: 4-1/2"		DEPTH OF TUBING: 4434'		DEPTH OF PACKER(S): 4387'						

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION		GAS VOLUME		GOR		CHOKE SIZE		PRODUCING METHOD	
n/a		n/a		n/a		n/a		injection	
FLOWING TUBING PRESSURE		SHUT-IN TUBING PRESSURE		CASING PRESSURE		WATER PRODUCTION		BS&W	
n/a		n/a		n/a		n/a		n/a	
GRAVITY		BHP (SHUT-IN)		COMPANY REPRESENTATIVE		DATE GAUGED			
n/a		n/a		n/a		n/a			

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT FLOWS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state: That I am employed by Hilcorp Energy Co 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: [Signature]

Title: Petroleum Engineer

*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
SWD APPL.#014233	6/16/95		Set cast iron bridge plug @ 6560' on short string cut chort string @ 4130' pull & lay down long string, 3530'
"	6/17/95		Pull & Lay down short string
"	6/18/95 to 6/22/95		Fish out tubing from short string to 5386' & long string to 5904'
"	6/23/95	Computalog	Set 7" cast iron bridge plug @ 5000' Run GR/Neutron/CCL from 5000' to 2000' Perf 2800-02'
"	6/24/95		Set cementer packer @ 2672', mix & pump 125 sks CLH neat.
"	6/25/95		Tag cement at 2779', drill through cement Wait on cement
"	6/27/95	Computalog	Run current bond log Perforate for squeeze @ 3175'-77'
"	6/28/95		Set cementer packer @ 3015', mix & pump 300 sacks of CLH cement
"	6/30/95	Computalog	Run cement bond log from 3300' to 2750' Perforate from 4,430' to 4,440'
"	7/1/95		Set 4-1/2" tbg @ 4434' with Baker 7" x 3-1/2" model AL-2 LoK packer at 4387'

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



OFFICE OF CONSERVATION

WELL HISTORY AND WORK RESUME REPORT

FIELD

Duck Lake

SERIAL NO.

040345

PRODUCING INTERVAL

Salt Water Injection Well

RESERVOIR (COMPANY SAND IDENTIFICATION)

n/a

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.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

☐ NEW WELL

☒ RECOMPLETION

☐ P & A

☒

31 INACTIVE DRY HOLE FUT. UTIL.

☐

32 INACTIVE DRY HOLE NO FUT. UTIL.

☐

36 INACTIVE WAITING ON PIPELINE

☐

37 INACTIVE WAITING ON MARKET

PRODUCT

☐ OIL

☐ GAS

☒ OTHER

IF RECOMPLETION

☐ SAME RESERVOIR

☒ DIFFERENT RESERVOIR

DATE COMP. RECOMP.

OR P & A

☒ M D Y

7/1/95

OPERATOR

Hilcorp Energy Company

CODE

H032

ADDRESS

P.O. Box 61229 Houston, TX 77208-1229

WELL NAME

Goodrich E SWD

WELL NO.

1

PARISH

St. Martin

SEC.

2

TWP.

15 S

RGE.

11 E

DATE PERMIT ISSUED

Workover

DATE SPUNDED

☒ M D Y

DATE READY TO PRODUCE*

TOTAL DEPTH

11,888'

PSTD.

4,600'

GROUND ELEVATION

CASING HEAD FLANGE ELEVATION

DISTANCE FROM RKB TO CHF

DATE WELL TURNED INTO TANKS

SINGLE, DUAL OR TRIPLE COMPLETION?

single

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY DRILLED?

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE OFFICE OF CONSERVATION?

DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101	16	---	38.5	0	137.77	175				
102	10-3/4	13" (est)	40.5	0	3023.62	500				
103	7"	9" (est)	23.32	0	11788	1300				
104										
105										

TUBING SIZE: 4-1/2" DEPTH OF TUBING: 4434' DEPTH OF PACKER(S): 4387'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION		GAS VOLUME		GOR		CHOKE SIZE		PRODUCING METHOD	
n/a		n/a		n/a		n/a /64"		injection	
FLOWING TUBING PRESSURE		SHUT-IN TUBING PRESSURE		CASING PRESSURE		WATER PRODUCTION		BS&W	
n/a		n/a		n/a		n/a		n/a %	
GRAVITY		BHP (SHUT-IN)		COMPANY REPRESENTATIVE		DATE GAUGED			
n/a		n/a		n/a		n/a			

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state: That I am employed by Hilcorp Energy Co 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: [Signature]

Title: Petroleum Engineer

*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
SWD APPL.#014233	6/16/95		Set cast iron bridge plug @ 6560' on short string cut chort string @ 4130' pull & lay down long string, 3530'
"	6/17/95		Pull & Lay down short string
"	6/18/95 to 6/22/95		Fish out tubing from short string to 5386' & long string to 5904'
"	6/23/95	Computalog	Set 7" cast iron bridge plug @ 5000' Run GR/Neutron/CCL from 5000' to 2000' Perf 2800-02'
"	6/24/95		Set cementer packer @ 2672', mix & pump 125 sks CLH neat.
"	6/25/95		Tag cement at 2779', drill through cement Wait on cement
"	6/27/95	Computalog	Run current bond log Perforate for squeeze @ 3175'-77'
"	6/28/95		Set cementer packer @ 3015', mix & pump 300 sacks of CLH cement
"	6/30/95	Computalog	Run cement bond log from 3300' to 2750'
"	7/1/95		Set 4-1/2" tbg @ 4434' with Baker 7" x 3-1/2" model AL-2 LoK packer at 4387'

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

FORMATION	DEPTH	FORMATION	DEPTH

90:2d 07.05800

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

(CORRECTED)

040345 SERIAL NO

DATE 03/01/96

EFFECTIVE 11/06/95

CURRENT CODES

050 PARISH

ST MARTIN

DISTRICT LAFAYETTE

3444 FIELD

DUCK LAKE

H032 OPERATOR

HILCORP ENERGY COMPANY

0 PRODUCT

ATTN: JAMES ANHAISER

MA

P. O. BOX 61229

HOUSTON, TEXAS

77208

WELL NAME GOODRICH E SWD

NO. 001

LOCATION OF WELL SEC 002 T 15S R 11E

FORMER WELL NAME: DL UL 3 RA SU;GOODRICH E

APPLICABLE OFFICE OF CONSERVATION ORDER

ERNEST A. BURGUIERES, III

FELIX J. BOUDREAUX

COMMISSIONER

ISSUING AUTHORITY

DISTRICT OFFICE



OFFICE OF CONSERVATION
WELL HISTORY AND WORK RESUME REPORT

FIELD

DUCK LAKE

SERIAL NO.

040345

PRODUCING INTERVAL

4430'-4460'

RESERVOIR (COMPANY SAND IDENTIFICATION)

SWD

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.

LEASE AND WELL DATA

CHECK APPROPRIATE BOXES

☐ NEW WELL
☒ RECOMPLETION
☐ P & A

☒ 31 INACTIVE DRY HOLE FUT. UTIL.
☐ 32 INACTIVE DRY HOLE NO FUT. UTIL.
☐ 35 INACTIVE WAITING ON PIPELINE
☐ 37 INACTIVE WAITING ON MARKET

PRODUCT

☐ OIL
☐ GAS
☒ OTHER

IF RECOMPLETION

☒ SAME RESERVOIR
☐ DIFFERENT RESERVOIR

DATE COMP. RECOMP.
OR P & A
M D Y

03/11/98

OPERATOR

HILCORP ENERGY COMPANY

CODE

H032

ADDRESS

P O BOX 61229, HOUSTON, TX 77208-1229

WELL NAME

GOODRICH E. SWD

WELL NO

001

PARISH

ST. MARTIN

SEC. 002

TWP. 15S

RGE. 11E

DATE PERMIT ISSUED

3/12/98 016891

DATE SPUDDED

M D Y

DATE READY TO PRODUCE*

TOTAL DEPTH

11,888

PBTD.

5006'

GROUND ELEVATION

CASING HEAD FLANGE ELEVATION

DISTANCE FROM RKB TO CHF

7'

DATE WELL TURNED INTO TANKS

SINGLE, DUAL OR TRIPLE COMPLETION?

SINGLE

NOTE: IF THIS IS A MULTIPLE COMPLETION, FURNISH A SEPARATE REPORT FOR EACH COMPLETION

WAS WELL DIRECTIONALLY
DRILLED?

WAS DIRECTIONAL SURVEY MADE?

WERE 3 COPIES FILED WITH THE
OFFICE OF CONSERVATION?

DATE FILED

TYPE OF ELECTRICAL OR OTHER LOGS RUN (CIRCLE LOGS FILED WITH OFFICE OF CONSERVATION)

DATE FILED

CASING, LINER AND TUBING RECORD

C	CASING SIZE	HOLE SIZE	CASING WEIGHT	DEPTH SET		SACKS CEMENT	TEST PRESSURE	HOURS UNDER PRESSURE	DATE TESTED (MM DD YY)	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
				FROM	TO					
101										
102										
103										
104										
105										

TUBING SIZE: 4 1/2" DEPTH OF TUBING: 4434' DEPTH OF PACKER(S): 4391'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION		GAS VOLUME		GOR		CHOKE SIZE		PRODUCING METHOD	
N/A		N/A		N/A		N/A		INJECTION	
FLOWING TUBING PRESSURE		SHUT-IN TUBING PRESSURE		CASING PRESSURE		WATER PRODUCTION		BS&W	
N/A		N/A		N/A		N/A		N/A	
GRAVITY		BHP (SHUT-IN)		COMPANY REPRESENTATIVE		DATE GAUGED			
N/A		N/A		N/A		N/A			

PLUG AND ABANDON (P & A) DATA

CASING SIZE	AMOUNT PULLED	CEMENT PLUGS				DATE WORK PERFORMED	NAME OF TEST WITNESS - STATE IF CONSERVATION AGENT OR OFFSET OPERATOR
		FROM	TO	SACKS	HOW PLACED		

CERTIFICATE: I, the undersigned, state: That I am employed by **HILCORP ENERGY CO.** 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:

M. J. Schell

Title:

REG. MAN

*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
VIC-016891	03/11/98	TLS WIRELINE SERVICE	PERF INTERVAL 4440'-60'

Page 4

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

FORMATION	DEPTH	FORMATION	DEPTH

NO. 1011-011111
1011-011111

98 MAY 12 PM 12:05

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
017629	2/24/99- 3/8/99	PERF-O-LOG	PULL TUBING & PACKER PERFORATE 4305'-20' RUN 4 1/2" TUBING TO 4310' SET ARROW TYPE 440 PKR AT 4265' RUN UIC-5 TEST

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

FORMATION	DEPTH	FORMATION	DEPTH

1999 APR 22 PM 11:34
INJECTION AND
MINING DIVISION
OFFICE OF CONSERVATION