



OFFICE OF CONSERVATION  
WELL HISTORY AND WORK RESUME REPORT

FIELD  
Duck Lake (3444)

SERIAL NO. 42791

PRODUCING INTERVAL 11458'-11516'

RECEIVED

MAY 22 2012

OFFICE OF CONSERVATION

RESERVOIR (COMPANY SAND IDENTIFICATION) WELL FILES DIVISION  
DL OPERC 6 RA SU

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  
04/07/11

OPERATOR Hilcorp Energy Company

CODE H032

ADDRESS P.O. Box 61229  
Houston, Texas 77208-1229

WELL NAME DL OPERC 6 RA SU;GOODRICH C

WELL NO 004

PARISH

St. Martin (050)

SEC. 002 TWP. 15S RGE. 11E

DATE PERMIT ISSUED

02/27/12 (sidetrack) / 03/03/12 (completion)

DATE SPUDDED  
M D Y  
03/09/12

DATE READY TO PRODUCE\*

TOTAL DEPTH

12020'

PBTD

11926'

GROUND ELEVATION

CASING HEAD FLANGE ELEVATION

2.75'

DISTANCE FROM RKB TO CHF

19.5'

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?  
yes

WAS DIRECTIONAL  
SURVEY MADE?  
yes

WERE 3 COPIES FILED WITH THE  
OFFICE OF CONSERVATION? YES

DATE FILED  
04/30/12

WAS WELL HYDRAULICALLY FRACTURED? IF YES,  
INCLUDE WH-1 SUPPLEMENTAL PAGE 3

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

Gamma Ray / Compensated Neutron

DATE FILED  
04/30/12

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	7"	9-7/8"	29#	0	12020	1155	1500	.5	3/30/12	Jim Bardwell
102										
103										
104										
105										

TUBING SIZE: 2-7/8"

DEPTH OF TUBING. 11387'

DEPTH OF PACKER(S) 11375'

INITIAL COMPLETION OR RE-COMPLETION DATA

INITIAL PRODUCTION 454 BOPD	GAS VOLUME 967 MCF/DAY	GOR 698.232 CF/BBL	CHOKE SIZE 64 1/64"	PRODUCING METHOD F
FLOWING TUBING PRESSURE 120 psig	SHUT-IN TUBING PRESSURE --- psig	CASING PRESSURE 880	WATER PRODUCTION 267 BPD	BS&W .01 %
GRAVITY 38 API-60°F	BHP (SHUT-IN) --- psig	COMPANY REPRESENTATIVE Troy Simar	DATE GAUGED 04/07/12	

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 Company 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: Jeannie Groves, Senior Regulatory Tech

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

FORM WH-1(2-10)

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OFFICE OF CONSERVATION  
LAFAYETTE DISTRICT

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
LST#0015-12	03/04-08/12  03/09/12  03/10-19/12 03/20/12 03/24-27/12	Axxis Freedom	Cut & recover 7" csg. VA from Wayne Simar to set 1 cmt retainer & no cmt. TIH, tag cmt retainer @ 1933'. Test 10-3/4" csg to 750 for 30 min. Set whipstock @ 1933'. Mill window to 1928'. Drill new formation. Tested shoe to EMW = 11.2 ppg Drill ahead. Drilled to TD of 12020'. Shot SWC. Drove 26" DP over existing wellhead & 16" cond pipe. RD, MOL.
L#0477-12	03/27/12 03/29/12 03/30/12 03/31/12 04/01/12 04/02/12	GTWS #3	MIRU. Ran CBL & PDK 100 log. RIH with Arrowset 1-X packer & tubing. Tested 7" csg to 1000 psi for 30 min. Finished RIH with 3-1/2" tubing & set packer @ 11375'. Perf'd Operc 6 sand from 11496' – 11515'. Perf'd Operc 6 sand from 11458' – 11476'. DD, MOL.

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WELL FILES DIVISION

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

# HILCORP ENERGY

New Drill  
Last Recompletion 4-1-12

GLM

#16- 1914'  
#15- 3125'  
#14- 3955'  
#13- 4500'  
#12- 5109'  
#11- 5653'  
#10- 6205'  
#9- 6800'  
#8- 7346'  
#7- 7889'  
#6- 8434'  
#5- 8979'  
#4- 9523'  
#3- 10,099'  
#2- 10,582'  
#1- 11,062'

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LAFAYETTE DISTRICT

TD 12,020'

16" 85# @ 137'

10-3/4" csg. @ 2,079' cement  
W/ 400 sks lt & 100 sks neat.

2-7/8" 6.5# 8rd L-80 IPC tubing [354 jts]

7" X 3-1/2" Arrowset 1-X IPC packer  
at 11,375' W/ WLRG

Perfs @ 11,458'-516'

PBTD 11,926'

7" 26# P-110 LTC Csg @ 12,020"

WELL NAME/NUMBER Goodrich C-4 ST-1	DESCRIPTION As Completed 4-1-12 AFE# 1210538		Serial # 042791 API #
FIELD/LEASE/AREA Duck Lake	PREPARED BY Jim Bardwell	APPROVED/DATE 4/1/2012	