



RAILROAD COMMISSION OF TEXAS

Form W-2

1701 N. Congress
P.O. Box 12967
Austin, Texas 78701-2967

Status: Approved
Date: 10/25/2016
Tracking No.: 162404

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: CONOCOPHILLIPS COMPANY Operator No.: 172232
Operator Address: ATTN AMY JOHNSON EC3 10 W286 600 N DAIRY ASHFORD HOUSTON, TX 77079-0000

WELL INFORMATION

API No.: 42-003-45088 County: ANDREWS
Well No.: 236 RRC District No.: 08
Lease Name: UNIVERSITY ANDREWS Field Name: EMBAR (PERMIAN)
RRC Lease No.: 01270 Field No.: 28843666
Location: Section: 30, Block: 10, Survey: UL, Abstract: U314

Latitude: Longitude:
This well is located 17 miles in a SW
direction from ANDREWS, TX,
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Well Record Only
Type of completion: Other/Recompletion
Well Type: Producing Completion or Recompletion Date: 09/08/2016

Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 02/26/2013 755091
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 04/26/2013 Date of first production after rig released: 09/08/2016
Date plug back, deepening, recompletion, or drilling operation commenced: 08/31/2016 Date plug back, deepening, recompletion, or drilling operation ended: 09/08/2016
Number of producing wells on this lease in this field (reservoir) including this well: 120 Distance to nearest well in lease & reservoir (ft.): 665.0
Total number of acres in lease: 4393.42 Elevation (ft.): 3246 GL
Total depth TVD (ft.): 7930 Total depth MD (ft.):
Plug back depth TVD (ft.): 7400 Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours):
Is Cementing Affidavit (Form W-15) attached? No
Recompletion or reclass? Yes Multiple completion? No
Type(s) of electric or other log(s) run: Gamma Ray (MWD)
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease : No
of lease on which this well is located: 7974.0 Feet from the South Line and
2762.0 Feet from the West Line of the
UNIVERSITY ANDREWS Lease.

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Field & Reservoir Gas ID or Oil Lease No. Well No. Prior Service Type

PACKET: N/A

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:		
GAU Groundwater Protection Determination	Depth (ft.):	Date:
SWR 13 Exception	Depth (ft.):	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION	
Date of test: 09/13/2016	Production method: Pumping
Number of hours tested: 24	Choke size:
Was swab used during this test? No	Oil produced prior to test:
PRODUCTION DURING TEST PERIOD:	
Oil (BBLs): 81.00	Gas (MCF): 149
Gas - Oil Ratio: 1839	Flowing Tubing Pressure:
Water (BBLs): 273	
CALCULATED 24-HOUR RATE	
Oil (BBLs): 81.0	Gas (MCF): 149
Oil Gravity - API - 60.: 42.2	Casing Pressure:
Water (BBLs): 273	

CASING RECORD											
Row	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size	Size	Depth	Stage	Tool		Amount	Volume	Cement	Determined
		(in.)	(in.)	(ft.)	Depth (ft.)	Depth (ft.)	Class	(sacks)	(cu. ft.)	(ft.)	By
1	Surface	8 5/8	12 1/4	1390			C	750	1190.0	0	Circulated to Surface
2	Conventional Production	5 1/2	7 7/8	7914			LITECRET E/TXI	1300	2319.0	2398	Cement Evaluation Log

LINER RECORD									
Row	<u>Liner Size (in.)</u>	<u>Hole Size (in.)</u>	<u>Liner Top (ft.)</u>	<u>Liner Bottom (ft.)</u>	<u>Cement Class</u>	<u>Cement Amount (sacks)</u>	<u>Slurry Volume (cu. ft.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
N/A									

TUBING RECORD				
Row	Size (in.)	Depth	Size (ft.)	Packer Depth (ft.)/Type
1	2 7/8	7142		/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L 6206	7213.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.			
Was hydraulic fracturing treatment performed? No			
Is well equipped with a downhole actuation sleeve? No			
If yes, actuation pressure (PSIG):			
Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:			
Actual maximum pressure (PSIG) during hydraulic fracturing:			
Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No			
Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
1	Cast Iron Bridge Plug	SET CIBP @ 7400' WITHOUT CEMENT	7400 7400

FORMATION RECORD					
<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
LOWER CLEARFORK	No	6018.0		No	
WICHITA ALBANY	No	6411.0		No	
ELLENBURGER	No	7718.0		No	
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)?					Yes
Is the completion being downhole commingled (SWR 10)?					No

REMARKS
SET CIBP @ 7400' WITHOUT CEMENT, LEASE ACREAGE CHANGED WHICH AFFECTED THE LEASE LINE DISTANCES.

RRC REMARKS
<p>PUBLIC COMMENTS:</p> <p>CASING RECORD :</p> <p>TUBING RECORD:</p> <p>PRODUCING/INJECTION/DISPOSAL INTERVAL :</p> <p>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</p> <p>POTENTIAL TEST DATA:</p>

OPERATOR'S CERTIFICATION	
Printed Name: Gayle Foord	Title: Regulatory Technician - MCBU
Telephone No.: (281) 206-5613	Date Certified: 09/26/2016