



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 10/30/2023
Tracking No.: 300129

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Table with Operator, PIONEER NATURAL RES. USA, INC., Operator 665748, and AMBER MCFADDEN PO BOX 3178 MIDLAND, TX 79702-0000.

WELL INFORMATION

Table with well details: API 42-003-48666, Well No.: 104H, Lease UNIVERSITY 6-48D, RRC Lease 58588, Location Section: 48, Block: 6, Survey: UL, Abstract: ANDREWS, County: ANDREWS, RRC District 08, Field SPRABERRY (TREND AREA), Field No.: 85280300, Latitude, Longitude, and direction from ANDREWS.

FILING INFORMATION

Table with filing details: Purpose of Initial Potential, Type of Other/Recompletion, Well Type: Producing, Completion or Recompletion 05/13/2023, Type of Permit, Date 08/05/2022, Permit No. 882701, Rule 37 Exception, Fluid Injection, O&G Waste Disposal, Other:

COMPLETION INFORMATION

Table with completion details: Spud 11/13/2022, Date of first production after rig 05/13/2023, Date plug back, deepening, drilling operation 01/16/2023, Date plug back, deepening, recompletion, drilling operation 05/01/2023, Number of producing wells on this lease this field (reservoir) including this 7, Distance to nearest well in lease & reservoir 301.0, Total number of acres in 1280.00, Elevation 2933 RKB, Total depth TVD 8970, Total depth MD 19510, Plug back depth TVD, Plug back depth MD, Was directional survey made other inclination (Form W- Yes, Rotation time within surface casing Is Cementing Affidavit (Form W-15) 31.8 Yes, Recompletion or Yes, Multiple No, Type(s) of electric or other log(s) Gamma Ray (MWD), Electric Log Other Description:, Location of well, relative to nearest lease of lease on which this well is 518.0 Feet from the South Line and 1821.0 Feet from the West Line of the UNIVERSITY 6-48D Lease. Off Lease : Yes

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

Table with columns: Field & Reservoir, Gas ID or Oil Lease, 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	1700.0	Date	08/27/2022
SWR 13 Exception	Depth	2054.0		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of	08/17/2023	Production	Pumping
Number of hours	24	Choke	
Was swab used during this	No	Oil produced prior to	44700.13
PRODUCTION DURING TEST PERIOD:			
Oil	1037.00	Gas	621
Gas - Oil	598	Flowing Tubing	
Water	1910		
CALCULATED 24-HOUR RATE			
Oil	1037.0	Gas	621
Oil Gravity - API - 60.:	38.8	Casing	
Water	1910		

CASING RECORD

<u>Ro</u>	<u>Type of Casing</u>	<u>Casing Size (in.)</u>	<u>Hole Size</u>	<u>Setting Depth</u>	<u>Multi - Stage Tool</u>	<u>Multi - Stage Shoe</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
1	Surface	13 3/8	17 1/2	1995			C	2050	3582.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/4	6850			C	1730	4053.0	0	Circulated to Surface
3	Conventional Production	5 1/2	8 1/2	19490			C	2140	4116.0	4195	Calculation

LINER RECORD

<u>Ro</u>	<u>Liner Size</u>	<u>Hole Size</u>	<u>Liner Top</u>	<u>Liner Bottom</u>	<u>Cement Class</u>	<u>Cement Amoun</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined</u>
N/A									

TUBING RECORD

<u>Ro</u>	<u>Size (in.)</u>	<u>Depth</u>	<u>Size (ft.)</u>	<u>Packer Depth (ft.)/Type</u>
1	2 7/8		8211	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 9186	19465.0

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC.

Was hydraulic fracturing treatment	Yes		
Is well equipped with a downhole sleeve?	No		
Production casing test pressure (PSIG) during hydraulic fracturing	9500		
Actual maximum pressure (PSIG) during fracturin	9335		
Has the hydraulic fracturing fluid disclosure been	Yes		
Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
YATES	Yes	3147.4	3152.0	Yes	
SEVEN RIVERS	Yes	3420.4	3425.0	Yes	
QUEEN	Yes	4096.3	4101.0	Yes	
GRAYBURG	Yes	4588.3	4563.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4735.3	4740.0	Yes	
HOLT	No			No	FORMATION DOES NOT EXIST IN THIS AREA
GLORIETA	No			No	FORMATION DOES NOT EXIST IN THIS AREA
CLEARFORK	Yes	6846.3	6851.0	Yes	
TUBB	No			No	FORMATION DOES NOT EXIST IN THIS AREA
PERMIAN DETRITAL	No			No	FORMATION DOES NOT EXIST IN THIS AREA
LEON	No			No	FORMATION DOES NOT EXIST IN THIS AREA
WICHITA ALBANY	No			No	FORMATION DOES NOT EXIST IN THIS AREA
SPRABERRY	Yes	8484.9	8493.0	Yes	
DEAN	No			No	WELL IS NOT DEEP ENOUGH
WOLFCAMP	No			No	WELL IS NOT DEEP ENOUGH
CANYON	No			No	WELL IS NOT DEEP ENOUGH
PENNSYLVANIAN	No			No	WELL IS NOT DEEP ENOUGH
STRAWN	No			No	WELL IS NOT DEEP ENOUGH
DEVONIAN	No			No	WELL IS NOT DEEP ENOUGH
SILURIAN	No			No	WELL IS NOT DEEP ENOUGH
FUSSELMAN	No			No	WELL IS NOT DEEP ENOUGH
MCKEE	No			No	WELL IS NOT DEEP ENOUGH
ELLENBURGER	No			No	WELL IS NOT DEEP ENOUGH
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	WELL IS NOT DEEP ENOUGH
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					No
Is the completion being downhole commingled					No

REMARKS

KOP ~ 8342'. DIGITAL WELL LOG #48410 SUBMITTED ON 3.6.23. W-2 WRO TRACKING #287179 APPROVED ON 3.21.23.

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2023-10-03 14:38:04.581] EDL=10250 feet, max acres=680, SPRABERRY (TREND AREA) oil well, take points: 9186-19465 feet MD, API No. 003-48666

CASING RECORD :

PRODUCTION HOLE CHANGES FROM 8 3/4 TO 8 1/2 @ 6918'.

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	LAURA WALLACE	Title:	Regulatory Specialist
Telephone	(972) 969-1742	Date	10/25/2023