



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

Well Information			
API	42-003-48666	County:	ANDREWS
Well No.:	104H	RRC District	08
Lease	UNIVERSITY 6-48D	Field	SPRABERRY (TREND AREA)
RRC Lease	58588	Field No.:	85280300
Location	Section: 48, Block: 6, Survey: UL, Abstract:		
Latitude		Longitud	
This well is 18 miles in a NE direction from ANDREWS, which is the nearest town in the			

Filing Information			
Purpose of	Initial Potential		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	05/13/2023
Type of Permit		Date	Permit No.
Permit to Drill, Plug Back, or		08/05/2022	882701
Rule 37 Exception			
Fluid Injection			
O&G Waste Disposal			
Other:			

Completion Information			
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	Off Lease :	Yes
	1821.0 Feet from the	South Line and	
		West Line of the	
		UNIVERSITY 6-48D Lease.	

Former Field (With Reservoir) & Gas ID or Oil Lease No.			
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											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
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>
1	2 7/8	8211	
		<u>Packer Depth (ft.)/Type</u>	
		/	

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?		If yes, actuation pressure	
No			
Production casing test pressure (PSIG)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	9500	fracturin	9335
Has the hydraulic fracturing fluid disclosure been		Yes	
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
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