



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 09/24/2024
Tracking No.: 317055

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Operator	PDEH LLC	Operator	646827
Operator	600 W ILLINOIS AVE MIDLAND, TX 79701-0000		

WELL INFORMATION

API	42-301-36072	County:	LOVING
Well No.:	2904H	RRC District	08
Lease	UL 20 GOLD SPOON	Field	PHANTOM (WOLFCAMP)
RRC Lease	60535	Field No.:	71052900
Location	Section: 29, Block: 20, Survey: UL, Abstract: U43		
Latitude	31	Longitud	-103
This well is	16	miles in a	SE
direction from	MENTONE,		
which is the nearest town in the			

FILING INFORMATION

Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	12/27/2023
Type of Permit		Date	Permit No.
Permit to Drill, Plug Back, or		09/07/2022	883530
Rule 37 Exception			
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION

Spud	11/06/2022	Date of first production after rig	12/27/2023
Date plug back, deepening, drilling operation	11/06/2022	Date plug back, deepening, recompletion, drilling operation	05/31/2023
Number of producing wells on this lease this field (reservoir) including this	7	Distance to nearest well in lease & reservoir	311.0
Total number of acres in	640.70	Elevation	2777 GL
Total depth TVD	11906	Total depth MD	16993
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing	14.0
Recompletion or	No	Is Cementing Affidavit (Form W-15)	Yes
Type(s) of electric or other log(s)	Neutron logs	Multiple	No
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	1240.0 Feet from the	Off Lease :	No
	290.0 Feet from the	NE Line and	
		SE Line of the	
		UL 20 GOLD SPOON Lease.	

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

<u>Field & Reservoir</u>	<u>Gas ID or Oil Lease</u>	<u>Well No.</u>	<u>Prior Service Type</u>
PACKET:	N/A		

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination	Depth 1100.0	Date 09/06/2022
SWR 13 Exception	Depth	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of 02/23/2024	Production Flowing
Number of hours 24	Choke 64
Was swab used during this No	Oil produced prior to 33037.00
PRODUCTION DURING TEST PERIOD:	
Oil 367.00	Gas 432
Gas - Oil 1177	Flowing Tubing 0.00
Water 1430	
CALCULATED 24-HOUR RATE	
Oil 367.0	Gas 432
Oil Gravity - API - 60.: 50.0	Casing 396.00
Water 1430	

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</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	10 3/4	14 3/4	1174			C	786	1390.0	0	Circulated to Surface
2	Intermediate	7 5/8	8 3/4	7842	5086		ECO & HALCEM	965	1776.0	0	Circulated to Surface
3	Intermediate	7 5/8	9 7/8	11378			NEOCEM HALCEM	1720	3527.0	5086	Calculation
4	Conventional Production	5 1/2	6 3/4	16969			C	1220	1825.0	32	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	11473		/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 11815	16901.0

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

Was hydraulic fracturing treatment Yes

Is well equipped with a downhole sleeve? No If yes, actuation pressure

Production casing test pressure (PSIG) Actual maximum pressure (PSIG) during hydraulic fracturing 11651 fracturin 11322

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>	
1	Fracture	SEE FRAC FOCUS	11815	16901

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
RED BLUFF	No			No	DID NOT ENCOUNTE
DELAWARE	Yes	5132.0	5187.0	Yes	
BELL CANYON	Yes	5154.0	5210.0	Yes	
CHERRY CANYON	Yes	6105.0	6177.0	Yes	
BRUSHY CANYON	Yes	7421.0	7496.0	Yes	
BONE SPRING	Yes	8700.0	8775.0	Yes	
BONE SPRING 2	Yes	10401.0	10477.0	Yes	
BONE SPRING 3	Yes	11100.0	11177.0	Yes	
WOLFCAMP	Yes	11657.0	11738.0	Yes	
PENNSYLVANIAN	No			No	BELOW TVD
STRAWN	No			No	BELOW TVD
ATOKA - HIGH PRESSURE	No			No	BELOW TVD
MORROW	No			No	BELOW TVD
DEVONIAN	No			No	BELOW TVD
FUSSELMAN	No			No	BELOW TVD
ELLENBURGER	No			No	BELOW TVD
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	BELOW TVD

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 11435

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2024-08-07 11:15:04.824] EDL=5080 feet, max acres=704, PHANTOM (WOLFCAMP) Field; take points: 11815-16901

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	Martha Finley	Title:	Regulatory Coordinator
Telephone	(432) 688-6036	Date	08/26/2024