



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 Rule 37 Exception	09/07/2022	883530	
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 Is Cementing Affidavit (Form W-15)	14.0 Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Neutron logs		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	1240.0 Feet from the 290.0 Feet from the	Off Lease :	No
		NE Line and SE Line of the	
		UL 20 GOLD SPOON 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	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
Number of hours	24	Flowing
Was swab used during this	No	Choke
		64
		Oil produced prior to
		33037.00
PRODUCTION DURING TEST PERIOD:		
Oil	367.00	Gas
Gas - Oil	1177	432
Water	1430	Flowing Tubing
		0.00
CALCULATED 24-HOUR RATE		
Oil	367.0	Gas
Oil Gravity - API - 60.:	50.0	432
Water	1430	Casing
		396.00

CASING RECORD											
		Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
Ro	Type of	Size	Size	Depth	Stage	Tool	Class	Amoun	Volume	Cement	Determined
	Casing	(in.)							(cu.	(ft.)	By
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	1720	3527.0	5086	Calculation
4	Conventional Production	5 1/2	6 3/4	16969			HALCEM 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>
1	2 7/8	11473	
			<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 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