



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 12/16/2024
Tracking No.: 323604

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Table with Operator, DIAMONDBACK E&P LLC, Operator 217012, and address 500 W TEXAS AVE STE 100 MIDLAND, TX 79701-0000.

WELL INFORMATION

Table with well details: API 42-003-48858, Well No.: 1MS, Lease UL LUNATE 5-38 E, RRC Lease 61295, Location Section: 5, Block: 7, Survey: UL, Abstract: U190, County: ANDREWS, RRC District 08, Field SPRABERRY (TREND AREA), Field No.: 85280300, Latitude 32, Longitud -102, and direction from ANDREWS, which is the nearest town in the area.

FILING INFORMATION

Table with filing details: Purpose of Initial Potential, Type of Other/Recompletion, Well Type: Producing, Completion or Recompletion 04/06/2024, Type of Permit, Date 08/21/2023, Permit No. 892218, Permit to Drill, Plug Back, or Rule 37 Exception, Fluid Injection, O&G Waste Disposal, and Other.

COMPLETION INFORMATION

Table with completion details: Spud 08/26/2023, Date of first production after rig 04/06/2024, Date plug back, deepening, drilling operation 02/12/2024, Date plug back, deepening, recompletion, drilling operation 02/27/2024, Number of producing wells on this lease this field (reservoir) including this 9, Distance to nearest well in lease & reservoir 49.0, Total number of acres in 600.00, Elevation 2954 GR, Total depth TVD 8982, Total depth MD 19888, 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) 11.5 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 1175.0 Feet from the West Line and 1329.0 Feet from the South Line of the UL LUNATE 5-38 E 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:**

<b>GAU Groundwater Protection Determination</b>	<b>Depth</b>	1750.0	<b>Date</b>	02/20/2020
<b>SWR 13 Exception</b>	<b>Depth</b>			

**INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION**

<b>Date of</b>	05/17/2024	<b>Production</b>	Pumping
<b>Number of hours</b>	24	<b>Choke</b>	64
<b>Was swab used during this</b>	No	<b>Oil produced prior to</b>	13893.20
<b>PRODUCTION DURING TEST PERIOD:</b>			
<b>Oil</b>	846.00	<b>Gas</b>	558
<b>Gas - Oil</b>	659	<b>Flowing Tubing</b>	313.00
<b>Water</b>	3260		
<b>CALCULATED 24-HOUR RATE</b>			
<b>Oil</b>	846.0	<b>Gas</b>	558
<b>Oil Gravity - API - 60.:</b>	37.1	<b>Casing</b>	160.00
<b>Water</b>	3260		

**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	11 3/4	14 3/4	1870			C	1450	2445.5	SURF ACE	Circulated to Surface
2	Intermediate	8 5/8	9 7/8	6088			35 65 C	570	2031.0	100	Calculation
3	Conventional Production	5 1/2	7 7/8	19870			PROLITE /C	1900	4197.0	SURF ACE	Circulated to Surface

**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	8196		/

**PRODUCING/INJECTION/DISPOSAL INTERVAL**

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 9491	19827.0

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

<b>Was hydraulic fracturing treatment</b>	Yes
<b>Is well equipped with a downhole sleeve?</b>	Yes
<b>Production casing test pressure (PSIG) during hydraulic fracturing</b>	6000
<b>Actual maximum pressure (PSIG) during fracturin</b>	8560
<b>Has the hydraulic fracturing fluid disclosure been</b>	Yes
<b>If yes, actuation pressure</b>	7268.0

  

<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>
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## FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
RUSTLER	Yes	2119.0	2120.0	Yes	
YATES	Yes	3135.0	3146.0	Yes	
SEVEN RIVERS	No			No	NOT PRESENT
QUEEN	No			No	NOT PRESENT
GRAYBURG	Yes	4277.0	4309.0	Yes	
SAN ANDRES - CO2 FLOOD, HIGH FLOWS, H2S, CORROSIVE	Yes	4690.0	4726.0	Yes	
HOLT	No			No	NOT PRESENT
GLORIETA	Yes	5738.0	5795.0	Yes	
CLEARFORK	Yes	6746.0	6817.0	Yes	
TUBB	No			No	NOT PRESENT
PERMIAN DETRITAL	No			No	NOT PRESENT
LEON	No			No	NOT PRESENT
WICHITA ALBANY	No			No	NOT PRESENT
SPRABERRY	Yes	8447.0	8532.0	Yes	
DEAN	No			No	BELOW TD
WOLFCAMP	No			No	BELOW TD
CANYON	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
STRAWN	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
SILURIAN	No			No	BELOW TD
FUSSELMAN	No			No	BELOW TD
MCKEE	No			No	BELOW TD
ELLENBURGER	No			No	BELOW TD
PRECAMBRIAN (UNDIFFERENTIATED)	No			No	BELOW TD
<b>Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm</b>					No
<b>Is the completion being downhole commingled</b>					No

## REMARKS

WELL IS COMPLETED AND PRODUCING - KOP - 8267

LATERAL WAS SHORTEN AFTER PERMITTING, THEREFORE ACREAGE IS LESS AT COMPLETION THAN IT WAS AT PERMITTING

**RRC REMARKS**

**PUBLIC COMMENTS:**

[RRC Staff 2024-10-16 14:52:09.472] EDL=10300 feet, max acres=680, SPRABERRY (TREND AREA) oil well, take points: 9491-19827 feet MD, API No. 003-48858

**CASING RECORD :**

**TUBING RECORD:**

**PRODUCING/INJECTION/DISPOSAL INTERVAL :**

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

**POTENTIAL TEST DATA:**

**OPERATOR'S CERTIFICATION**

<b>Printed</b>	Suzanne Dorchester	<b>Title:</b>	Regulatory Analyst II
<b>Telephone</b>	(432) 221-7433	<b>Date</b>	10/03/2024