



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Submitted
Date: 06/03/2024
Tracking No.: 316383

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-

WELL INFORMATION

Table with well details: API 42-003-48858, Well No.: 1MS, Lease UL LUNATE 5-38 E, RRC Lease, 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, This well is 18.6 miles in a NE direction from ANDREWS, which is the nearest town in the

FILING INFORMATION

Table with filing details: Purpose of Well Record Only, Type of New Well, Well Type: Shut-In Producer, Completion or Recompletion 11/07/2023, 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, Other:

COMPLETION INFORMATION

Table with completion details: Spud 08/26/2023, Date of first production after rig 11/07/2023, Date plug back, deepening, drilling operation 10/30/2023, Date plug back, deepening, recompletion, drilling operation 11/07/2023, Number of producing wells on this lease this field (reservoir) including this 0, 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 No, 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 headers: 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	1750.0	Date	02/20/2020
SWR 13 Exception	Depth			

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of		Production
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil		Gas
Gas - Oil	0	Flowing Tubing
Water		
CALCULATED 24-HOUR RATE		
Oil		Gas
Oil Gravity - API - 60.:		Casing
Water		

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 - Tool Stage</u>	<u>Multi - 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>
N/A				/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
N/A		L	

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

Was hydraulic fracturing treatment No

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

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

Has the hydraulic fracturing fluid disclosure been No

Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
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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	No	NOT PRESENT
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

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

WRO - SPUD WELL 8/26/23. DRILLING RIG RIGGED UP 10/30/2023, RIGGED DOWN 11/7/2023. WELL IS NOT COMPLETED YET. WELL NAME CHANGE 5-33 TO 5-38. WILL SUBMIT P16 WITH IP. KOP - 8267.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

WRO - TUBING IS NOT SET YET. WELL NOT COMPLETED

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed	Suzanne Dorchester	Title:	Regulatory Analyst II
Telephone	(432) 221-7433	Date	06/03/2024