



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 04/25/2024
Tracking No.: 309640

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION

Operator	DIAMONDBACK E&P LLC	Operator	217012
Operator	500 W TEXAS AVE STE 100 MIDLAND, TX 79701-		

WELL INFORMATION

API	42-317-43700	County:	MARTIN
Well No.:	1JM	RRC District	08
Lease	UL MOCKINGBIRD 13-2 A	Field	SPRABERRY (TREND AREA)
RRC Lease	57378	Field No.:	85280300
Location	Section: 16, Block: 7, Survey: UL, Abstract: U22		
Latitude	32	Longitud	-102
This well is	30.5	miles in a	NW
direction from	STANTON,		
which is the nearest town in the			

FILING INFORMATION

Purpose of	Well Record Only		
Type of	Other/Recompletion		
Well Type:	Producing	Completion or Recompletion	05/01/2022
Type of Permit		Date	Permit No.
Permit to Drill, Plug Back, or		10/11/2021	871518
Rule 37 Exception			
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION

Spud	01/03/2022	Date of first production after rig	05/01/2022
Date plug back, deepening, drilling operation	04/02/2022	Date plug back, deepening, recompletion, drilling operation	04/18/2022
Number of producing wells on this lease this field (reservoir) including this	9	Distance to nearest well in lease & reservoir	187.0
Total number of acres in	640.00	Elevation	2920 GL
Total depth TVD	9036	Total depth MD	19863
Plug back depth TVD		Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing	20.8
Recompletion or	Yes	Is Cementing Affidavit (Form W-15)	No
Type(s) of electric or other log(s)	Other	Multiple	No
Electric Log Other Description:	RCBL/GAMMA RAY		
Location of well, relative to nearest lease of lease on which this well is	1162.0 Feet from the	Off Lease :	Yes
	1423.0 Feet from the	West Line and	
		North Line of the	
		UL MOCKINGBIRD 13-2 A 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	350.0	Date	10/12/2021
SWR 13 Exception	Depth	2000.0		

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	1830				C	930	2075.0	SURF ACE	Circulated to Surface
2	Intermediate	8 5/8	11	6710				C	1095	3528.0	SURF ACE	Circulated to Surface
3	Conventional Production	5 1/2	7 7/8	19843				50:50 POZ H	2005	4359.0	2000 Cement	Evaluation Log

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		8558	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L1 9483	19735.0

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

Was hydraulic fracturing treatment	Yes		
Is well equipped with a downhole sleeve?	Yes	If yes, actuation pressure	7544.0
Production casing test pressure (PSIG) hydraulic fracturing	6500	Actual maximum pressure (PSIG) during fracturin	8362
Has the hydraulic fracturing fluid disclosure been	Yes		
Ro	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)

FORMATION RECORD

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
SANTA ROSA	No			No	NOT PRESENT
YATES	Yes	3025.0	3035.0	Yes	
QUEEN	Yes	3664.0	3685.0	Yes	
GRAYBURG	Yes	4066.0	4094.0	Yes	
SAN ANDRES - ACTIVE CO2 FLOOD; HIGH FLOWS; H2S; CO	Yes	4492.0	4525.0	Yes	
CLEARFORK	Yes	6510.0	6573.0	Yes	
SPRABERRY	Yes	8280.0	8354.0	Yes	
DEAN	No			No	BELOW TD
WOLFCAMP	No			No	BELOW TD
CISCO	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
STRAWN	No			No	BELOW TD
MISSISSIPPIAN	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
SILURIAN	No			No	BELOW TD
FUSSELMAN	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 TO UPDATE LEASE ACRES WITH CORRECTED P-16 AND LEASE PLAT.

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2024-03-07 08:41:38.863] EDL=10250 feet, max acres=680, SPRABERRY (TREND AREA) oil well, take points: 9483-19735 feet MD, API No. 317-43700

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	Suzanne Dorchester	Title:	Regulatory Analyst II
Telephone	(432) 221-7433	Date	02/15/2024