



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 10/10/2022
Tracking No.: 274956

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	DIAMONDBACK E&P LLC	Operator	217012
Operator	500 W TEXAS AVE STE 1200 MIDLAND, TX 79701-4203		

WELL INFORMATION			
API	42-317-43700	County:	MARTIN
Well No.:	1JM	RRC District	08
Lease	UL MOCKINGBIRD 13-2 A		
RRC Lease	57378	Field	SPRABERRY (TREND AREA)
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	Initial Potential		
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 Rule 37 Exception	10/11/2021	871518	
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 Is Cementing Affidavit (Form W-15)	20.8 Yes
Recompletion or	Yes	Multiple	No
Type(s) of electric or other log(s)	Other		
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 West Line and 1423.0 Feet from the North Line of the UL MOCKINGBIRD 13-2 A Lease.	Off Lease :	Yes

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	350.0	Date 10/12/2021
SWR 13 Exception	Depth	2000.0	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of	06/17/2022	Production	Pumping
Number of hours	24	Choke	0
Was swab used during this	No	Oil produced prior to	48192.69
PRODUCTION DURING TEST PERIOD:			
Oil	1320.00	Gas	846
Gas - Oil	640	Flowing Tubing	387.00
Water	1899		
CALCULATED 24-HOUR RATE			
Oil	1320.0	Gas	846
Oil Gravity - API - 60.:	38.3	Casing	339.00
Water	1899		

CASING RECORD											
Ro	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Cement	Slurry	Top of	TOC
		Size (in.)	Size	Depth	Stage Tool	Stage Shoe	Class	Amoun	Volume (cu.	Cement (ft.)	Determined By
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>
1	2 7/8	8410	
			<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 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		
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
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

KOP - 8508
WRO WAS FILED 5/25/2022. HAVE NOT GOT THE APPROVAL YET. BUT NEEDED TO FILE THE IP. WRO TRACKING# 270395

RRC REMARKS	
PUBLIC COMMENTS: [RRC Staff 2022-09-27 10:47:23.635] EDL=10252 feet, max acres=680, SPRABERRY (TREND AREA) oil well	
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	09/28/2022