



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 05/06/2014
Tracking No.: 71002

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 79701-0000		

WELL INFORMATION			
API	42-329-38004	County:	MIDLAND
Well No.:	4516	RRC District	08
Lease	ST	Field	SPRABERRY (TREND AREA)
RRC Lease	39560	Field No.:	85280300
Location	Section: 45, Block: 40 T1S, Survey: T&P RR CO, Abstract: 262		
Latitude		Longitud	
This well is miles in a direction from 4.2 MILES W FROM MIDLAND, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	02/10/2013
Type of Permit		Date	Permit No.
Permit to Drill, Plug Back, or		05/29/2012	736941
Rule 37 Exception			0275962
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud		Date of first production after rig	02/10/2013
Date plug back, deepening, drilling operation	12/28/2012	Date plug back, deepening, recompletion, drilling operation	01/18/2013
Number of producing wells on this lease this field (reservoir) including this	24	Distance to nearest well in lease & reservoir	1326.0
Total number of acres in	2945.87	Elevation	2876 GL
Total depth TVD	10930	Total depth MD	
Plug back depth TVD	10870	Plug back depth MD	
Was directional survey made other inclination (Form W-	Yes	Rotation time within surface casing Is Cementing Affidavit (Form W-15)	Yes
Recompletion or	No	Multiple	No
Type(s) of electric or other log(s)	Neutron/Density logs (combo of tools)		
Electric Log Other Description:			
Location of well, relative to nearest lease of lease on which this well is	300.0 Feet from the	Off Lease :	No
	467.0 Feet from the	South Line and	
		East Line of the	
		ST 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	Date 05/02/2012
SWR 13 Exception	Depth	

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION		
Date of	04/03/2013	Production Pumping
Number of hours	24	Choke
Was swab used during this	No	Oil produced prior to
PRODUCTION DURING TEST PERIOD:		
Oil	80.00	Gas 52
Gas - Oil	650	Flowing Tubing
Water	133	
CALCULATED 24-HOUR RATE		
Oil	80.0	Gas 52
Oil Gravity - API - 60.:	40.7	Casing
Water	133	

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		11 3/4	14 3/4	353			C	320	528.0	SURF	
2		8 5/8	11	5326			C	870	340.0	4687	
3		5 1/2	7 7/8	10919			50:50 H	1160	1685.0	3231	

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 3/8	7503		/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
<u>Ro</u>	<u>Open hole?</u>	<u>From (ft.)</u>	<u>To (ft.)</u>
1	No	L 7598	10824.0

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) during hydraulic fracturing		Actual maximum pressure (PSIG) during fracturin	
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

<u>Formations</u>	<u>Encountere</u>	<u>Depth TVD</u>	<u>Depth MD</u>	<u>Is formation</u>	<u>Remarks</u>
CLEARFORK		7230.0			
SPRABERRY		8117.0			
STRAWN		10590.0			

No

Yes

REMARKS	
---------	--

WELL IS PRODUCING FROM SPRABERRY (TREND AREA):7598-10590 AND THE LOWE, WEST (STRAWN):10652-10824. RULE 10 APPLICATION WILL BE SUBMITTED ON 5/6/13. SPUD WELL ON 12/28/12, SET SURFACE CASING AND MOVED OFF LOCATION. RESUMED DRILLING ON 1/5/13. RAN GYRO TO DETERMINE TRUE DIRECTION OF THE WELL.

RRC REMARKS

PUBLIC COMMENTS:

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	Tommie Gomez	Title:
----------------	--------------	---------------

05/03/2013