



# RAILROAD COMMISSION OF TEXAS

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

<b>Operator</b>	DIAMONDBACK E&P LLC	<b>Operator</b>	217012
<b>Operator</b>	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
<b>Location</b> Section: 45, Block: 40 T1S, Survey: T&P RR CO, Abstract: 262			

Latitude	Longitude
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 to Drill, Plug Back, or		05/29/2012	Permit No.
Rule 37 Exception			736941
Fluid Injection			0275962
O&G Waste Disposal			
Other:			

### COMPLETION INFORMATION

Spud	Date of first production after rig	02/10/2013
Date plug back, deepening, drilling operation	Date plug back, deepening, recompletion, drilling operation	01/18/2013
Number of producing wells on this lease this field (reservoir) including this	Distance to nearest well in lease & reservoir	1326.0
Total number of acres in	Elevation	2876 GL
Total depth TVD	Total depth MD	
Plug back depth TVD	Plug back depth MD	
Was directional survey made other inclination (Form W-	Rotation time within surface casing	
Recompletion or	Is Cementing Affidavit (Form W-15)	Yes
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

Form W-2

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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**

<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 Amount</u>	<u>Slurry Volume (cu.)</u>	<u>Top of Cement (ft.)</u>	<u>TOC Determined By</u>
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 Amount</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 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) hydraulic fracturing Actual maximum pressure (PSIG) during fracturing****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>
CLEARFORK		7230.0			
SPRABERRY		8117.0			
STRAWN		10590.0			
<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>				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**

<b>Printed</b>	Tommie Gomez	<b>Title:</b>	
<b>Telephone</b>	(432) 221-7462	<b>Date</b>	05/03/2013