



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 03/13/2018
Tracking No.: 185217

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT,

OPERATOR INFORMATION			
Operator	RSP PERMIAN, LLC	Operator	732224
Operator	1CC 600 W ILLINOIS AVE MIDLAND, TX 79701-0000		

WELL INFORMATION			
API	42-301-32998	County:	LOVING
Well No.:	2H	RRC District	08
Lease	PISTOL 25-8	Field	TWO GEORGES (BONE SPRING)
RRC Lease	49297	Field No.:	92100050
Location	Section: 8, Block: C25, Survey: PSL / EARNEST, A, Abstract: 1043		
Latitude		Longitud	
This well is 21 miles in a NE direction from MENTONE, which is the nearest town in the			

FILING INFORMATION			
Purpose of	Initial Potential		
Type of	New Well		
Well Type:	Producing	Completion or Recompletion	01/12/2017
Type of Permit	Date	Permit No.	
Permit to Drill, Plug Back, or Rule 37 Exception	09/12/2016	818050	
Fluid Injection			
O&G Waste Disposal			
Other:			

COMPLETION INFORMATION			
Spud	10/26/2016	Date of first production after rig	01/12/2017
Date plug back, deepening, drilling operation	10/26/2016	Date plug back, deepening, recompletion, drilling operation	11/11/2016
Number of producing wells on this lease this field (reservoir) including this	1	Distance to nearest well in lease & reservoir	0.0
Total number of acres in	640.00	Elevation	3214 GR
Total depth TVD	9536	Total depth MD	14245
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)	48.0 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	100.0 Feet from the	Off Lease :	No
	1000.0 Feet from the	SE Line and	
		NE Line of the	
		PISTOL 25-8 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	450.0	Date 08/29/2016
SWR 13 Exception	Depth		

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION			
Date of	09/28/2017	Production	Flowing
Number of hours	24	Choke	36/64
Was swab used during this	No	Oil produced prior to	69211.00
PRODUCTION DURING TEST PERIOD:			
Oil	231.00	Gas	1361
Gas - Oil	5891	Flowing Tubing	180.00
Water	548		
CALCULATED 24-HOUR RATE			
Oil	231.0	Gas	1361
Oil Gravity - API - 60.:	45.3	Casing	220.00
Water	548		

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	13 3/8	17 1/2	527			C	455	714.0	0	Circulated to Surface
2	Intermediate	9 5/8	12 1/2	5377			C	1275	3394.0	0	Circulated to Surface
3	Conventional Production	5 1/2	8 3/4	14233			C	1645	3912.0	5377	Calculation

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	9466	
			<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 9922	14118.0

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)		Actual maximum pressure (PSIG) during	
hydraulic fracturing	8500	fracturin	5600
Has the hydraulic fracturing fluid disclosure been	No		
<u>Ro</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>

1	Fracture	HCL - 53,230 GAL; 100 MESH WHITE - 5,744,980 LBS; 40/70 WHITE: 4,172,960 LBS; TOTAL PROPPANT - 9,917,940 LBS; TLTR - 203,692 BBL	9922	14118
---	----------	--	------	-------

FORMATION RECORD					
Formations	Encountere	Depth TVD	Depth MD	Is formation	Remarks
RED BLUFF	Yes	3900.0	3900.0	Yes	ENCOUNTERED - NOT LOGGED
BELL CANYON	Yes	5424.0	5424.0	Yes	
BRUSHY CANYON	Yes	7826.0	7826.0	Yes	
DELAWARE	Yes	5424.0	5424.0	Yes	
CHERRY CANYON	Yes	6601.0	6601.0	Yes	
BONE SPRINGS	Yes	9320.0	9320.0	Yes	BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED BELOW TVD - NOT ENCOUNTERED
WOLFCAMP	No			No	
PENNSYLVANIAN	No			No	
STRAWN	No			No	
ATOKA - HIGH PRESSURE	No			No	
MORROW	No			No	
DEVONIAN	No			No	
FUSSELMAN	No			No	
ELLENBURGER	No			No	
Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm					Yes
Is the completion being downhole commingled				No	

REMARKS
KOP - 8776 MD/ 8758 TV THIS WELL WAS COMPLETED UNDER SILVER HILL ENERGY SUPERVISION IN NOVEMBER 2016. SILVER HILL ENERGY DID NOT RUN LOGS ON THIS WELL. RSP PERMIAN LLC ACQUIRED THE PROPERTY IN MARCH 2017.

RRC REMARKS	
PUBLIC COMMENTS: [RRC Staff 2018-02-01 10:30:40.028] EDL=4196 feet, max acres=640, TWO GEORGES (BONE SPRING) 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	Adela Molina	Title:	Regulatory Analyst
Telephone	(432) 818-1367	Date	02/27/2018