



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 08/25/2017
Tracking No.: 174786

OIL WELL POTENTIAL TEST, COMPLETION OR RECOMPLETION REPORT, AND LOG

OPERATOR INFORMATION

Operator Name: BTA OIL PRODUCERS, LLC Operator No.: 041867
Operator Address: 104 S PECOS MIDLAND, TX 79701-0000

WELL INFORMATION

API No.: 42-475-35578 County: WARD
Well No.: 2 RRC District No.: 08
Lease Name: 9805 JV-P WARWINK Field Name: TWO GEORGES (BONE SPRING)
RRC Lease No.: 48806 Field No.: 92100050
Location: Section: 27, Block: 18, Survey: ULS, Abstract:
Latitude: 31 Longitude: -103
This well is located 11 miles in a NW direction from PYOTE, which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential
Type of completion: Plug Back
Well Type: Producing Completion or Recompletion Date: 04/21/2017
Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 04/07/2017 825288
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 04/09/2017 Date of first production after rig released: 04/21/2017
Date plug back, deepening, recompletion, or drilling operation commenced: 04/09/2017 Date plug back, deepening, recompletion, or drilling operation ended: 04/19/2017
Number of producing wells on this lease in this field (reservoir) including this well: 1 Distance to nearest well in lease & reservoir (ft.): 0.0
Total number of acres in lease: 160.00 Elevation (ft.): 2819 GL
Total depth TVD (ft.): 11665 Total depth MD (ft.):
Plug back depth TVD (ft.): 10626 Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours):
Is Cementing Affidavit (Form W-15) attached? Yes
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: None
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease : No
of lease on which this well is located: 1980.0 Feet from the North Line and
660.0 Feet from the West Line of the
9805 JV-P WARWINK Lease.

FORMER FIELD (WITH RESERVOIR) & GAS ID OR OIL LEASE NO.

Table with 4 columns: Field & Reservoir, Gas ID or Oil Lease No., Well No., Prior Service Type. Row 1: PACKET, WAR-WINK, W. (WOLFCAMP), 35846, 2

W2: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination **Depth (ft.):** 375.0 **Date:** 04/07/2017
SWR 13 Exception **Depth (ft.):**

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 04/28/2017 **Production method:** Pumping
Number of hours tested: 24 **Choke size:**
Was swab used during this test? No **Oil produced prior to test:** 48.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLs): 8.00 **Gas (MCF):** 24
Gas - Oil Ratio: 3000 **Flowing Tubing Pressure:**
Water (BBLs): 115

CALCULATED 24-HOUR RATE

Oil (BBLs): 8.0 **Gas (MCF):** 24
Oil Gravity - API - 60.: 42.0 **Casing Pressure:**
Water (BBLs): 115

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Stage Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	13 3/8	17 1/2	430			C	480	548.0	0	Circulated to Surface
2	Intermediate	8 5/8	11	5085			C	1250	2813.0	0	Calculation
3	Conventional Production	5 1/2	7 7/8	11654			C	1700	2912.0	1066	Temperature Survey

LINER RECORD

Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
N/A									

TUBING RECORD

Row	Size (in.)	Depth	Packer Depth (ft.)/Type
1	2 7/8	10596	10596 /

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L 10475	10486.0

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

Was hydraulic fracturing treatment performed? No

Is well equipped with a downhole actuation sleeve? No **If yes, actuation pressure (PSIG):**

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: **Actual maximum pressure (PSIG) during hydraulic fracturing:**

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? No

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
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FORMATION RECORD

<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
RUSTLER	Yes	820.0		Yes	
YATES	No			No	NOT PRESENT AT THIS LOCATION
SEVEN RIVERS	No			No	NOT PRESENT AT THIS LOCATION
QUEEN	No			No	NOT PRESENT AT THIS LOCATION
GLORIETA	No			No	NOT PRESENT AT THIS LOCATION
SAN ANDRES - HIGH FLOWS, H2S, CORROSIVE HOLT	No			No	NOT PRESENT AT THIS LOCATION
CLEARFORK	No			No	NOT PRESENT AT THIS LOCATION
DELAWARE	Yes	5134.0		Yes	
TUBB	No			No	NOT PRESENT AT THIS LOCATION
WICHITA ALBANY	No			No	NOT PRESENT AT THIS LOCATION
CHERRY CANYON	Yes	6043.0		Yes	
BRUSHY CANYON	Yes	7346.0		Yes	
WADDELL	No			No	NOT PRESENT AT THIS LOCATION
BONE SPRINGS	Yes	8780.0		Yes	
1ST BONE SPRING SAND	Yes	9633.0		Yes	
2ND BONE SPRING SAND	Yes	10294.0		Yes	PRODUCING INTERVAL
3RD BONE SPRING SAND	Yes	11192.0		Yes	
WOLFCAMP	Yes	11396.0		Yes	
MONTOYA	No			No	BELOW TD
PENNSYLVANIAN	No			No	BELOW TD
ATOKA	No			No	BELOW TD
FUSSELMAN	No			No	BELOW TD
DEVONIAN	No			No	BELOW TD
ELLENBURGER	No			No	BELOW TD

Do the producing interval of this well produce H2S with a concentration in excess of 100 ppm (SWR 36)? No

Is the completion being downhole commingled (SWR 10)? No

REMARKS

AMENDING TOPS FOR 1ST BONE SPRING SAND AND 2ND BONE SPRING SAND, AS PREVIOUSLY REPORTED. SUBMITTING GYRO SURVEY, AS PER REQUEST (04/06/17) OF RRC THAT ONE WOULD BE RUN WHEN A PULLING UNIT WAS NEXT ON THE WELL.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

CIBP @ 10670. DUMP 20' CMT ON TOP. W-15 ATTACHED.

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Katy Reddell

Title: Regulatory Analyst

Telephone No.: (432) 682-3753

Date Certified: 08/24/2017



RAILROAD COMMISSION OF TEXAS

1701 N. Congress
P.O. Box 12967
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Form W-15

Rev. /2014

Cementer: Fill in shaded areas.
Operator: Fill in other items.

CEMENTING REPORT

OPERATOR INFORMATION	
Operator Name: BTA Oil Producers LLC	Operator P-5 No.: 041867
Cementer Name: <i>KIX Energy Services</i>	Cementer P-5 No.: 448847

WELL INFORMATION	
District No.: 08	County: Ward
Well No.: 2	API No.: 42-475-35578
Lease Name: 9805 JV-P Warwink	Drilling Permit No.: 825288
Field Name: Two Georges (Bone Spring)	Lease No.:
	Field No.: 92100050

CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Conventional Production	<input type="checkbox"/> Multiple Parallel Strings	<input type="checkbox"/> Multi-Stage Cement Shoe
	<input type="checkbox"/> Surface	<input type="checkbox"/> Liner	<input type="checkbox"/> Tapered Production	<input type="checkbox"/> Multi-Stage Cement/DV Tool	
Drilled hole size:	Est. % wash or hole enlargement:	Depth of drilled hole:			
Size of casing (in O.D.):	No. of centralizers used:	Hrs. waiting on cement before drill-out:			
Was cement circulated from ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Casing weight (lbs/ft) and grade:		
Setting depth (ft.):	Calculated top of cement (ft.):	Cementing date:			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1	2	H	N/A		20'
2					
3					
Total					

CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Conventional Production	<input type="checkbox"/> Multiple Parallel Strings	<input type="checkbox"/> Multi-Stage Cement Shoe
	<input type="checkbox"/> Surface	<input type="checkbox"/> Liner	<input type="checkbox"/> Tapered Production	<input type="checkbox"/> Multi-Stage Cement/DV Tool	
Drilled hole size:	Est. % wash or hole enlargement:	Depth of drilled hole:			
Size of casing (in O.D.):	No. of centralizers used:	Hrs. waiting on cement before drill-out:			
Was cement circulated from ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Casing weight (lbs/ft):		
Setting depth (ft.):	Calculated top of cement (ft.):	Cementing date:			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

CASING CEMENTING DATA					
Type of casing:	<input type="checkbox"/> Conductor	<input type="checkbox"/> Intermediate	<input type="checkbox"/> Conventional Production	<input type="checkbox"/> Multiple Parallel Strings	<input type="checkbox"/> Multi-Stage Cement Shoe
	<input type="checkbox"/> Surface	<input type="checkbox"/> Liner	<input type="checkbox"/> Tapered Production	<input type="checkbox"/> Multi-Stage Cement/DV Tool	
Drilled hole size:	Est. % wash or hole enlargement:	Depth of drilled hole:			
Size of casing (in O.D.):	No. of centralizers used:	Hrs. waiting on cement before drill-out:			
Was cement circulated from ground surface (or bottom of cellar) outside casing? <input type="checkbox"/> YES <input type="checkbox"/> NO			Casing weight (lbs/ft):		
Setting depth (ft.):	Calculated top of cement (ft.):	Cementing date:			
SLURRY					
Slurry No.	No. of Sacks	Class	Additives	Volume (cu. ft.)	Height (ft.)
1					
2					
3					
Total					

**CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY**

This facsimile P-4 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 174786

1. Field name exactly as shown on proration schedule TWO GEORGES (BONE SPRING)		2. Lease name as shown on proration schedule 9805 JV-P WARWINK					
3. Current operator name exactly as shown on P-5 Organization Report BTA OIL PRODUCERS, LLC		4. Operator P-5 no. 041867	5. Oil Lse/Gas ID no	6. County WARD	7. RRC district 08		
8. Operator address including city, state, and zip code 104 S PECOS MIDLAND, TX 79701		9. Well no(s) (see instruction E) 2			11. Effective Date 04/21/2017		
10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)							
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G) a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code <input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ ----- OR b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)							
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).							
Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)			Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream
X	X	TARGA MIDSTREAM SERVICES LLC(836037)			0007	100.0	
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).							
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)						Percent of Take	
EASTEX CRUDE COMPANY(239232)						100.0	
RRC USE ONLY: Reviewer's initials: _____ Approval date: _____							
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.							
Name of Previous Operator _____ Name (print) _____ Title _____				Signature _____ <input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G) Date _____ Phone with area code _____			
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.							
Name (print) <u>Regulatory Administrator</u> Title <u>pinskeep@btaoil.com</u> E-mail Address (optional)				Signature <u>Pam Inskeep</u> <input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G) Date <u>06/08/2017</u> Phone with area code _____ <u>(432) 682-3753 EXT 139</u>			



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Status: Admin Approved
Date: 04/07/2017
GAU No.: 170186
Version: 1
Pymt Trace No: 455RM001AWY3VJH

GROUND WATER APPLICATION REPORT

PREPARER INFORMATION			
Preparer Name:	Pam Inskeep	Phone Number:	432-682-3753
E-mail Address:	pinskeep@btaoil.com	Fax Number:	
FILING INFORMATION			
Reason for Filing:	Recompletion (RC)	Expedite:	Y
API Number:	47535578	Previous GAU No. for this Well:	6605
Areal Extent:	Radius	Radius:	200 DP Number:
OPERATOR INFORMATION			
Operator Name:	BTA OIL PRODUCERS, LLC	Operator Number:	041867
Address Line 1:	104 S PECOS		
Address Line 2:		City:	MIDLAND
State:	TX	Zip Code:	79701
WELL IDENTIFICATION INFORMATION			
County:	WARD	District:	08 Lease ID:
			35846
Lease Name:	9805 JV-P Warwink	Well Number:	2
Alternate Well ID:			
GPS COORDINATES INFORMATION			
NAD:	83	State Plane Zone:	
Latitude Degrees:	31	Longitude Degrees:	-103
Latitude Minutes:	36	Longitude Minutes:	17
Latitude Seconds:	5.65	Longitude Seconds:	43.52
Decimal Degrees Latitude:		Decimal Degrees Longitude:	
State Plane X-Coordinate:		State Plane Y-Coordinate:	
SURVEY INFORMATION			
Survey Name:	ULS	Abstract Number:	
Block:	18	Township:	Section: 27
Tract:		Lot:	League:
Labor:		Porcion:	Share:
REFERENCE LINES INFORMATION			
Reference Line:	Section		
First Distance:	1980	First Direction:	N
Second Distance:	660	Second Direction:	W
ADDITIONAL INFORMATION			
Elevation:	2819		
Total Vertical Depth:	11665		
Formation at Total Vertical Depth:	Wolfcamp		
Remarks:			