



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 02/27/2018
Tracking No.: 184503

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

OPERATOR INFORMATION

Operator Name: ENERGYQUEST II, LLC Operator No.: 252020
Operator Address: 4526 RESEARCH FOREST DR STE 200 THE WOODLANDS, TX 77381-0000

WELL INFORMATION

API No.: 42-317-40606 County: MARTIN
Well No.: 4106 RRC District No.: 08
Lease Name: UL MS HZ BLK 6 UNIT Field Name: SPRABERRY (TREND AREA)
RRC Lease No.: 48661 Field No.: 85280300
Location: Section: 41, Block: 6, Survey: UL, Abstract: U10
Latitude: Longitude:
This well is located 17.1 miles in a NW
direction from TARZAN,
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Well Record Only
Type of completion: New Well
Well Type: Producing Completion or Recompletion Date: 03/16/2017
Type of Permit Date Permit No.
Permit to Drill, Plug Back, or Deepen 12/21/2016 820490
Rule 37 Exception
Fluid Injection Permit
O&G Waste Disposal Permit
Other:

COMPLETION INFORMATION

Spud date: 01/01/2017 Date of first production after rig released: 03/16/2017
Date plug back, deepening, recompletion, or drilling operation commenced: 01/01/2017 Date plug back, deepening, recompletion, or drilling operation ended: 01/26/2017
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: 480.00 Elevation (ft.): 2903 GR
Total depth TVD (ft.): 8725 Total depth MD (ft.): 16719
Plug back depth TVD (ft.): 8722 Plug back depth MD (ft.): 16719
Was directional survey made other than inclination (Form W-12)? Yes Rotation time within surface casing (hours): 0.0
Is Cementing Affidavit (Form W-15) attached? No
Recompletion or reclass? No Multiple completion? No
Type(s) of electric or other log(s) run: Gamma Ray (MWD)
Electric Log Other Description:
Location of well, relative to nearest lease boundaries Off Lease: No
of lease on which this well is located: 2241.0 Feet from the North Line and
1320.0 Feet from the East Line of the

W2: N/A

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

GAU Groundwater Protection Determination

Depth (ft.): 350.0

Date: 12/21/2016

SWR 13 Exception

Depth (ft.):

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 05/25/2017

Production method: Pumping

Number of hours tested: 24

Choke size:

Was swab used during this test? No

Oil produced prior to test: 43420.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLs): 0.00

Gas (MCF):

Gas - Oil Ratio: 0

Flowing Tubing Pressure:

Water (BBLs):

CALCULATED 24-HOUR RATE

Oil (BBLs): 0.0

Gas (MCF):

Oil Gravity - API - 60.: 0.0

Casing Pressure:

Water (BBLs):

CASING RECORD

Row	Type of Casing	Casing Size (in.)	Hole Size (in.)	Setting Depth (ft.)	Multi - Stage Depth (ft.)	Multi - Shoe Depth (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	Surface	17 1/2	13 3/8	1867			CLASS C	1534	1615.0	SURF ACE	Circulated to Surface
2	Intermediate	12 1/4	9 5/8	8493	6380		CLASS C	1218	2882.0	724	Calculation
3	Intermediate	12 1/4	9 5/8	8493			CLASS C	468	943.0	6384	Calculation
4	Conventional Production	8 1/2	5 1/2	16717			CLASS H	1899	2412.0	6188	Calculation

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
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N/A

TUBING RECORD

Row	Size (in.)	Depth (ft.)	Packer Depth (ft.)/Type
1	2 7/8	7671	/

PRODUCING/INJECTION/DISPOSAL INTERVAL

Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 9032	16538.0

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

Was hydraulic fracturing treatment performed? Yes

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment: 9000

Actual maximum pressure (PSIG) during hydraulic fracturing: 7930

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? Yes

<u>Row</u>	<u>Type of Operation</u>	<u>Amount and Kind of Material Used</u>	<u>Depth Interval (ft.)</u>	
1	Fracture	19,117,056 GAL OF H2O, 113,920 GAL OF .1-7.5% HCL, 4,493,543 LBS OF 100 MESH SAND, 10,938,912 OF OTTAWA SAND, 111,880 OF 30/50 PRIME PLUS	9032	16538

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>
SANTA ROSA	No			No	NOT PRESENT
YATES	No			No	NOT PRESENT
QUEEN	No			No	NOT PRESENT
GRAYBURG	No			No	NOT PRESENT
SAN ANDRES - ACTIVE CO2 FLOOD; HIGH FLOWS; H2S; CO	Yes	4618.0	4618.0	Yes	
CLEARFORK	Yes	6390.0	6390.0	Yes	
CISCO	No			No	CISCO NOT PRESENT
SPRABERRY	Yes	8260.0	8260.0	Yes	ESTIMATE BASED ON UNIV MAK 6-44 #1
UPPER SPRABERRY	Yes	8260.0	8260.0	Yes	
MIDDLE SPRABERRY	Yes	8550.0	8550.0	Yes	
DEAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
WOLFCAMP	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
PENNSYLVANIAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
STRAWN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
MISSISSIPPIAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
FUSSELMAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
SILURIAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
DEVONIAN	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH
ELLENBURGER	No			No	PASSED TVD - NOT LOGGED AT THIS DEPTH

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

RRC REMARKS

PUBLIC COMMENTS:

[RRC Staff 2017-12-21 11:45:10.028] EDL=7506 feet, max acres=560, 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:

W-2 FILED TO AMEND THE LEASE TO REFLECT THE ACREAGE AND POOLED UNIT.

OPERATOR'S CERTIFICATION

Printed Name: Debra Moore

Title: Production Analyst

Telephone No.: (281) 875-6200

Date Certified: 02/27/2018

**CERTIFICATE OF
 POOLING AUTHORITY**

P-12

Revised 05/2001

1. Field Name(s) SPRABERRY (TREND AREA)	2. Lease/ID Number (if assigned) 48661	3. RRC District Number 8
4. Operator Name ENERGYQUEST II, LLC	5. Operator P-5 Number 252020	6. Well Number 4106
7. Pooled Unit Name UL MS HZ BLK 6 UNIT	8. API Number 42-317-40606	9. Purpose of Filing <input type="checkbox"/> Drilling Permit (W-1)
10. County MARTIN	11. Total acres in pooled unit 480	<input checked="" type="checkbox"/> Completion Report

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
1	UL LEASE 82634	160	<input type="checkbox"/>	<input type="checkbox"/>
2	UL LEASE 82635	160	<input type="checkbox"/>	<input type="checkbox"/>
3	UL LEASE 107928	160	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

Debra Moore

Debra Moore

Signature

Print Name

Regulatory Analyst

debra.moore@energyquest.us

11/13/2017

(281) 875-6200

Title

E-mail (if available)

Date

Phone

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

Clear Form