

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 86480

Status: Submitted

This facsimile W-2 was generated electronically
from data submitted to the RRC.

API No. **42- 003-05617**

7. RRC District No.
08

8. RRC Lease No.

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat) FUHRMAN-MASCHO		2. LEASE NAME UNIVERSITY 48C		9. Well No. 3	
3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report) SANDRIDGE EXPL. AND PROD., LLC			RRC Operator No. 748011		10. County of well site ANDREWS
4. ADDRESS 123 ROBERT S KERR AVE OKLAHOMA CITY, OK 73102-6406					
5. If Operator has changed within last 60 days, name former operator					
6a. Location (Section, Block, and Survey) 48 , 13 , UL , A-U440			6b. Distance and direction to nearest town in this county. 8 MILES NW FROM ANDREWS		
12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no. FIELD & RESERVOIR				GAS ID or OIL LEASE #	Oil-0 Gas-G
N/A					Well #
13. Type of electric or other log run None				14. Completion or recompletion date 07/21/2013	

11. Purpose of filing

Initial Potential

Retest

Reclass

Well record only (Explain In remarks)

SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test		16. No. of hours tested		17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump)			18. Choke size	
19. Production during Test Period		Oil - BCLS	Gas - MCF	Water - BCLS	Gas - Oil Ratio	Flowing Tubing Pressure		
					0	PSI		
20. Calculated 24-Hour Rate		Oil - BCLS	Gas - MCF	Water - BCLS	Oil Gravity-API-60°	Casing Pressure		
						PSI		
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>				22. Oil produced prior to test (New & Reworked wells)		23. Injection Gas-Oil Ratio		
REMARKS: WELL IS PLUGGED.								

INSTRUCTIONS: File an original and one copy of the completed FormW-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTERS CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.

SANDRIDGE EXPL. AND PROD., LLC
Type or printed name of operator's representative

(405) 429-6414 **09/30/2013**
Telephone: Area Code Number Month Day Year

Regulatory Technician
Title of Person

Chelsey Green
Signature

SECTION III DATA ON WELL COMPLETION AND LOG (Not Required on Retest)			
24. Type of Completion New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>		25. Permit to Drill, Plug Back or Deepen DATE 07/02/2013 PERMIT NO. 765280 Rule 37 Exception CASE NO.	
26. Notice of Intention to Drill this well was filed in Name of SANDRIDGE EXPL. AND PROD., LLC			
27. Number of producing wells on this lease in this field (reservoir) including this well 1		28. Total number of acres in this lease 160.0	
29. Date Plug Back, Deepening, Workover or Drilling Operations: 07/08/2013		30. Distance to nearest well, Same Lease & Reservoir 1304.0	
Commenced		Completed	

31. Location of well, relative to nearest lease boundaries 1172.0 Feet From East Line and 1326.0 Feet from South Line of the UNIVERSITY 48C Lease	
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32. Elevation (DF, RKB, RT, GR ETC.)		33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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34. Top of Pay 0	35. Total Depth 3783	36. P. B. Depth	37. Surface Casing Determined by Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>	Dt. of Letter 06/26/2013 Dt. of Letter
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38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
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39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR		GAS ID or OIL LEASE #	Oil-0 Gas-G	Well #
N/A				

40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools	41. Name of Drilling Contractor UNKNOWN	42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
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43. CASING RECORD (Report All Strings Set in Well)							
CASING SIZE	WT #/FT.	DEPTH SET	MULTISTAGE TOOL DEPTH	TYPE & AMOUNT CEMENT (sacks)	HOLE SIZE	TOP OF CEMENT	SLURRY VOL. cu. ft.
7	14.8	2638		C 75	8 3/4	2638	99.0
7	14.8	2816		C 25	8 3/4	2816	33.0
7	14.8	2409		C 100	8 3/4	2409	132.0
7	14.8	1505		C 25	8 3/4	1505	33.0
7	14.8	1106		C 25	8 3/4	1106	25.0
10 3/4	14.8	187		C 30	12 1/4	187	39.6
10 3/4	14.8	0		C 10	12 1/4	SURF	13.2

44. LINER RECORD				
Size	Top	Bottom	Sacks Cement	Screen
N/A				

45. TUBING RECORD			46. Producing Interval (this completion) Indicate depth of perforation or open hole	
Size	Depth Set	Packer Set	From	To
N/A			N/A	
			From	To
			From	To
			From	To

47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used
N/A	

48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
QUEEN	3890.0		
LOWER GRAYBURG	4425.0		
SAN ANDRES	4495.0		

REMARKS: WELL IS PLUGGED.

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

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-15
Cementing Report
Rev. 4/1/83
483-045

1. Operator's Name (As shown on Form P-5, Organization Report) <i>SANDRIDGE ENERGY</i>	2. RRC Operator No. <i>748011</i>	3. RRC District No. <i>08</i>	4. County of Well Site <i>ANDREWS</i>
5. Field Name (Wildcat or exactly as shown on RRC Records) <i>Fuhrman Mascho</i>		6. API No. <i>42-003-05617</i>	7. Drilling Permit No. <i>765280</i>
8. Lease Name <i>UNIVERSITY 48C</i>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <i>3</i>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. • Drilled Hole Size							
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. Waiting on cement before drill-out							
1 st Slurry	19. API cement used: No. of sacks ▶						
	Class ▶						
	Additives ▶						
2 nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶						
	Height (ft.) ▶						
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?							
(22).Remarks #1 Remarks #2							

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date	7-19-13	7-20-13	7-20-13	7-20-13	7-20-13	7-21	7-21	
24. Size of hole or pipe plugged (in.)								
25. Depth to bottom of tubing or drill pipe (ft.)								
26. Sacks of cement used (each plug)	75	25	100	25	25	30	10	
27. Slurry volume pumped (cu. ft.)	99	33	132	33	33	39.6	13.2	
28. Calculated top of plug (ft.)	2638	2816	2409	1505	1106	187	SURF.	
29. Measured top of plug, if tagged (ft.)	2953	2953	2682	1504		126		
30. Slurry wt. (lb/gal)	14.80	14.8	14.8	14.8	14.8	14.8	14.8	
31. Type cement	C Neat	C 2%CC	C 2%CC	C 2%CC	C 2%CC	C 2%CC	C 2%CC	

CEMENTER'S CERTIFICATE: I declare under penalties in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this Certification, that the cementing of casing and/or the placing of cement plugs in this well as shown in the report was performed by me or under my Supervision, and that the cementing data and facts presented on both sides of this form are true, correct, and complete, to the best of my knowledge. This certification covers cementing data only.

Service Supervisor—Cory Redding

Trican Well Service

C. Redding
Signature

Name and title of cementer's representative

Cementing Company

8200 E I-20

Odessa, Texas 79765

(432) 258-0367

7-21-13

Address

City, State, Zip Code

Tel.: Area Code Number

Date: mo. Day yr.

OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this Certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form Are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Robert S Kerr
Typed or printed name of operator's representative

C. Rep
Title

Robert S Kerr
Signature

123 Robert S Kerr Ave
Address

Okc, OK 73102
City, State, Zip Code

405-429-6414
Tel.: Area Code Number

9/27/13
Date: mo. day yr.

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date

GAU File No.: SC-

***** EXPEDITED APPLICATION *****

API Number

Attention:

RRC Lease No.

SC_748011_00305617_000000_15909.pdf

SANDRIDGE E&P LLC
123 ROBERT S KERR
OKLAHOMA CITY OK 73102

P-5# 748011

--Measured--

1172 ft FEL

1326 ft FSL

MRL:SECTION

Digital Map Location:

X-coord/Long

Y-coord/Lat

Datum Zone

County

Lease & Well No.

Purpose

Location

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

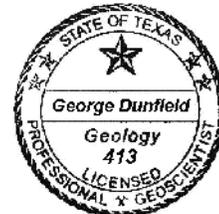
The interval from the land surface to a depth of 300 feet and the ZONE from 1200 feet to 1600 feet must be protected.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

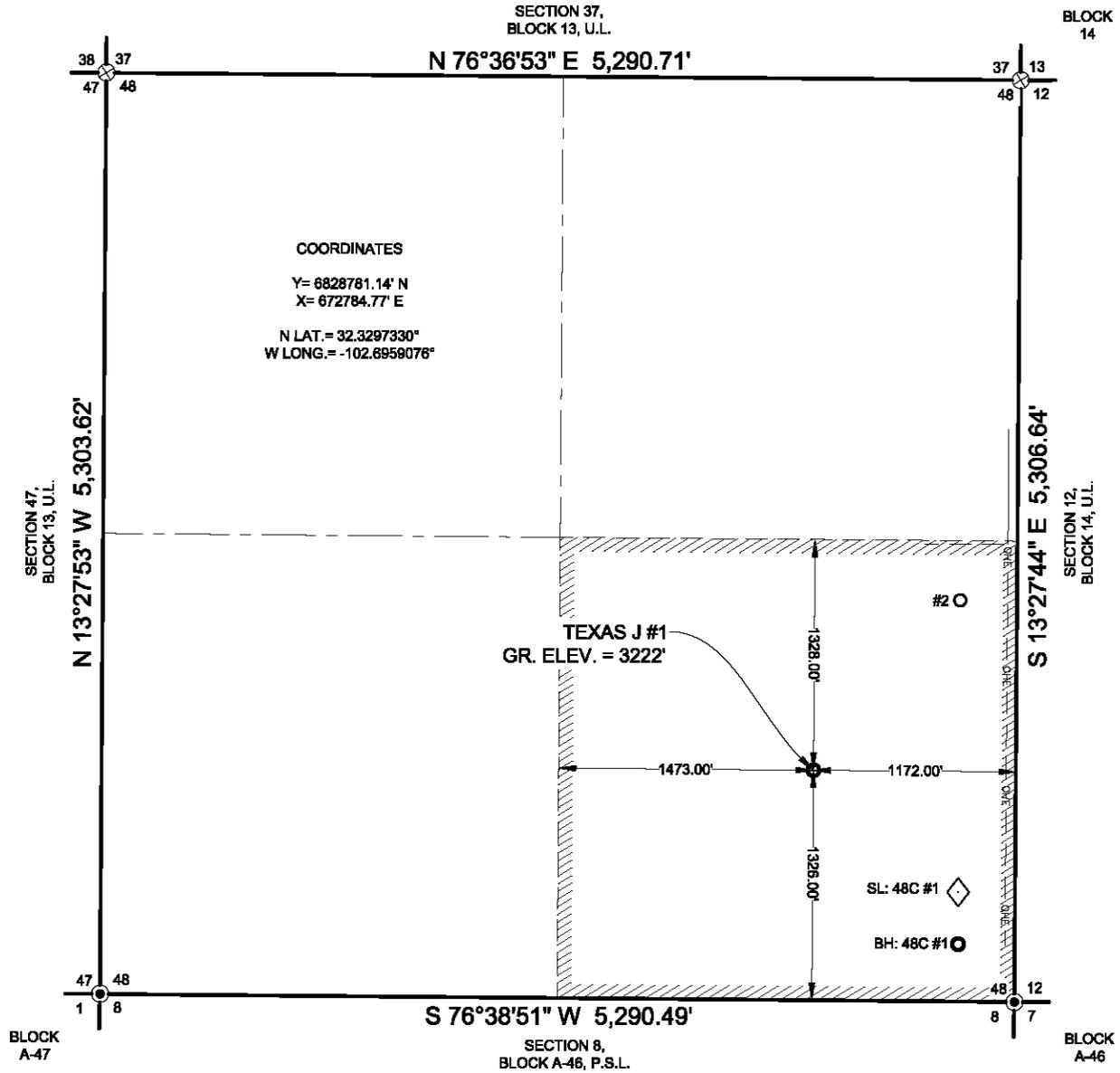
GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 6/26/2013
Note: Alteration of this electronic document will invalidate the digital signature.

SECTION 48, BLOCK 13, U.L.
ANDREWS COUNTY, TEXAS



COORDINATES
Y= 6828781.14' N
X= 672784.77' E
N LAT.= 32.3297330°
W LONG.= -102.6959076°

TEXAS J #1
GR. ELEV. = 3222'

SL: 48C #1

BH: 48C #1

ADJACENT WELLS/ FEATURES

NAME:	DISTANCE:
BH: UNIVERSITY 48C #1	1304.00'
SL: UNIVERSITY 48C #1	1093.00'
UNIVERSITY 48C #2	1295.00'
NEAREST POWERLINE	1116.00'

NOTES:

1. THIS LOCATION IS APPROXIMATELY 8.0 MILES WEST/NORTHWEST OF ANDREWS, TEXAS.
2. SEE DOCUMENTS FILED FOR RECORD IN THIS OFFICE, WHICH DESCRIBE THE RECONSTRUCTION OF THIS SECTION.
3. BEARINGS, DISTANCES AND COORDINATES ARE RELATIVE TO THE LAMBERT CONICAL PROJECTION OF TEXAS STATE PLANE COORDINATE SYSTEM, NORTH CENTRAL ZONE, 1983 NORTH AMERICAN DATUM.
4. LEASE = SE/4. TOTAL ACRES: 160.00 CALLED.
5. NAMES TAKEN FROM FIELD SIGNAGE.

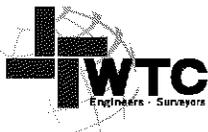
I, the undersigned, do hereby certify that the survey information found on this permit plat was derived from field notes or electronic data of an actual on-the-ground survey made by me or under my supervision and is true and correct to the best of my knowledge and belief. No warranty is made or intended for the location of any or all easements that may exist within the bounds of this survey. The information presented hereon is for Texas Railroad Commission permitting only, and does not constitute or represent a complete boundary survey as defined by the T.B.P.L.S., "Professional Land Surveying Practices Act."



Gregory W. Shoults
Gregory W. Shoults, RPLS, No. 5356

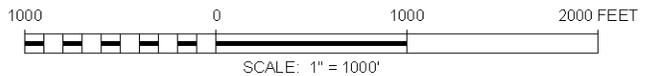
June 21, 2013

WEST TEXAS CONSULTANTS, INC.
ENGINEERS PLANNERS SURVEYORS
405 S.W. 1st. STREET
ANDREWS, TEXAS 79714
(432) 523-2181
TEXAS REGISTERED ENGINEERING FIRM F-2746
TEXAS REGISTERED SURVEYOR FIRM #100792-00



LEGEND

- DENOTES PROPOSED/ PERMITTED WELL LOCATION
- DENOTES EXISTING WELL
- ⊙ DENOTES FOUND SECTION CORNER
- ⊗ DENOTES CALCULATED CORNER
- ▨ DENOTES LEASE AREA
- DENOTES 1/2 SECTION LINE
- ▭ DENOTES TANK BATTERY
- ◇ DENOTES DIRECTIONAL WELL SURFACE LOCATION



SandRidge

SandRidge Exploration And Production, LLC

TEXAS J #1
LOCATED 1,326 FEET FROM THE SOUTH LINE AND 1,172 FEET
FROM THE EAST LINE OF SECTION 48, BLOCK 13, U.L.,
ANDREWS COUNTY, TEXAS.

SURVEY DATE: 06/18/2013 | JOB No.: WTC49203 | DRAWN BY: J.T.A. | SHEET 1 OF 3