

RAILROAD COMMISSION OF TEXAS

Tracking No.: 86480

Status: Submitted

Oil and Gas Division

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				11. Purpose of filing Initial Potential <input type="checkbox"/> Retest <input type="checkbox"/> Reclass <input type="checkbox"/> Well record only (Explain In remarks) <input checked="" type="checkbox"/>	
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-O Gas-G	Well #
N/A					
13. Type of electric or other log run None			14. Completion or recompletion date 07/21/2013		

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 - BBLS	Gas - MCF	Water - BBLS	Gas - Oil Ratio 0	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS	Gas - MCF	Water - BBLS	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 Telephone: Area Code Number	09/30/2013 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										25. Permit to Drill, Plug Back or Deepen									
New Well <input type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input checked="" type="checkbox"/>										DATE 07/02/2013 PERMIT NO. 765280									
26. Notice of Intention to Drill this well was filed in Name of										Rule 37 Exception									
SANDRIDGE EXPL. AND PROD., LLC										PERMIT NO.									
27. Number of producing wells on this lease in this field (reservoir) including this well										PERMIT NO.									
1										PERMIT NO.									
28. Total number of acres in this lease										PERMIT NO.									
160.0										PERMIT NO.									
29. Date Plug Back, Deepening, Workover or Drilling Operations:										Other									
Commenced 07/08/2013										Completed 07/21/2013									
30. Distance to nearest well, Same Lease & Reservoir										1304.0									
31. Location of well, relative to nearest lease boundaries										1172.0 Feet From East									
South										Line and 1326.0 Feet from									
32. Elevation (DF, RKB, RT, GR ETC.)										Line of the UNIVERSITY 48C Lease									
33. Was directional survey made other than inclination (Form W-12)?										<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
34. Top of Pay										35. Total Depth									
0										3783									
36. P. B. Depth										37. Surface Casing Determined by									
										Field Rules <input type="checkbox"/>									
38. Is well multiple completion?										Recommendation of T.D.W.R. <input checked="" type="checkbox"/>									
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No										Dt. of Letter 06/26/2013									
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No.										Dt. of Letter									
FIELD & RESERVOIR										GAS ID or OIL LEASE #									
N/A										Oil-0 Gas-G									
40. Intervals Drilled by:										Well #									
Rotary Tools <input checked="" type="checkbox"/> Cable Tools										N/A									
41. Name of Drilling Contractor										42. Is Cementing Affidavit Attached?									
UNKNOWN										<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
43. CASING RECORD (Report All Strings Set in Well)																			
CASING SIZE										WT #/FT.									
7										2638									
7										2816									
7										2409									
7										1505									
7										1106									
10 3/4										187									
10 3/4										0									
MULTISTAGE TOOL DEPTH										TYPE & AMOUNT CEMENT (sacks)									
										C 75									
										C 25									
										C 100									
										C 25									
										C 25									
										C 30									
										C 10									
HOLE SIZE										TOP OF CEMENT									
8 3/4										2638									
8 3/4										2816									
8 3/4										2409									
8 3/4										1505									
8 3/4										1106									
12 1/4										187									
12 1/4										SURF									
SLURRY VOL. cu. ft.																			
99.0										33.0									
132.0										33.0									
25.0										39.6									
13.2																			
44. LINER RECORD																			
Size										Top									
										Bottom									
N/A										Sacks Cement									
										Screen									
45. TUBING RECORD										46. Producing Interval (this completion) Indicate depth of perforation or open hole									
Size										Depth Set									
N/A										Packer Set									
										From N/A									
										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									
QUEEN										3890.0									
LOWER GRAYBURG										4425.0									
SAN ANDRES										4495.0									
REMARKS: WELL IS PLUGGED.																			

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

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

Name and title of cementer's representative

Trican Well Service

Cementing Company

C. Redding
Signature

8200 E I-20

Address

Odessa,

City,

Texas

State,

79765

Zip Code

(432) 258-0367

Tel.: Area Code

Number

7-21-13

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

C. Rep
Signature

123 Robert S Kerr Ave

Address

OKC, OK

City,

73102

State,

Zip Code

405-429-6414

Tel.: Area Code

Number

9/27/13

Date: mo. day yr.

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date June 26, 2013

GAU File No.: SC- 15909

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

API Number 00305617

Attention: SPENCE LAIRD

RRC Lease No. 000000

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 672784

Y-coord/Lat 6828781

Datum 83 Zone NC

County ANDREWS

Lease & Well No. TEXAS J #1

Purpose RE

Location SUR-UL,BLK-13,SEC-48,--[TD=5200],[RRC 8],

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).

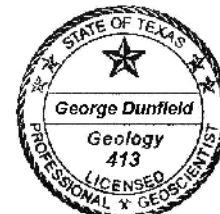
If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

Sincerely,

George Dunfield, P.G.

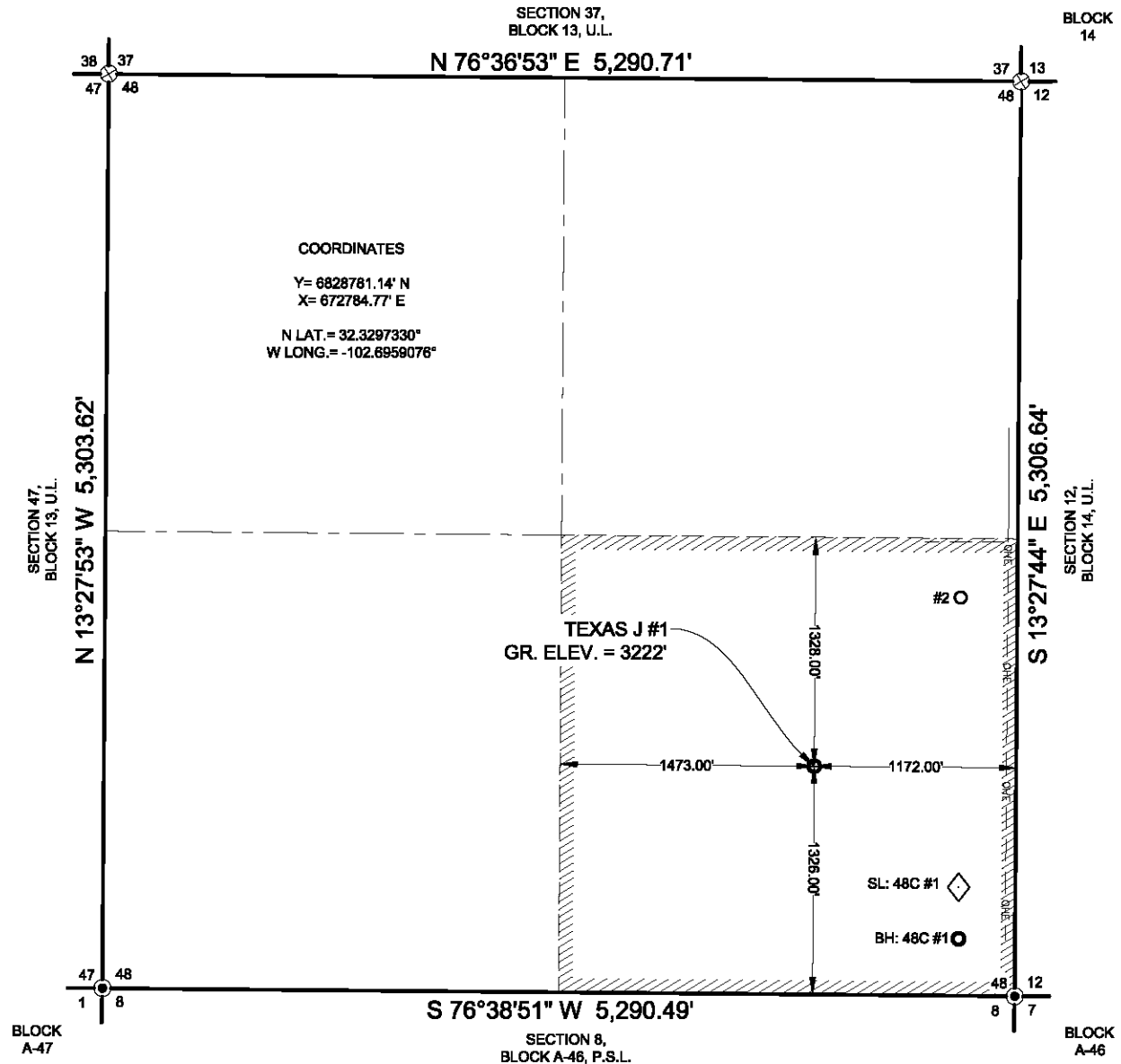
Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL



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



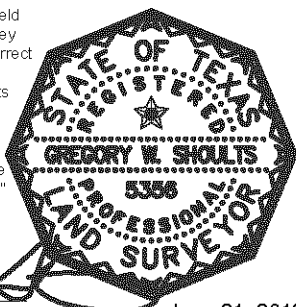
ADJACENT WELLS/ FEATURES

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

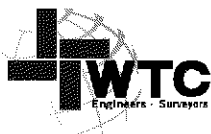
NOTES:

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 herein 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."



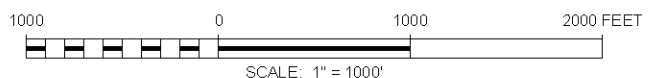
Gregory W. Shoultz RPLS, No. 5356 June 21, 2013



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
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