



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved
Date: 10/31/2014
Tracking No.: 115307

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

OPERATOR INFORMATION

Operator Name: DEVON ENERGY PRODUCTION CO, L.P. **Operator No.:** 216378
Operator Address: ATTN VICTORIA SANCHEZ 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102-5010

WELL INFORMATION

API No.: 42-383-38225 **County:** REAGAN
Well No.: 2703H **RRC District No.:** 7C
Lease Name: UNIVERSITY 10 **Field Name:** LIN (WOLFCAMP)
RRC Lease No.: 17844 **Field No.:** 53613750
Location: Section: 27, Block: 10, Survey: UNIVERSITY LANDS, Abstract:

Latitude: 31.23525 **Longitude:** -101.52614
This well is located 4.85 **miles in a** NW
direction from BIG LAKE,
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Well Record Only
Type of completion: New Well
Well Type: Shut-In Producer **Completion or Recompletion Date:** 09/21/2013

<u>Type of Permit</u>	<u>Date</u>	<u>Permit No.</u>
Permit to Drill, Plug Back, or Deepen Rule 37 Exception	02/12/2013	756394
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 09/18/2013 **Date of first production after rig released:** 09/21/2013
Date plug back, deepening, recompletion, or drilling operation commenced: 09/18/2013 **Date plug back, deepening, recompletion, or drilling operation ended:** 09/21/2013
Number of producing wells on this lease in this field (reservoir) including this well: 18 **Distance to nearest well in lease & reservoir (ft.):** 1061.0
Total number of acres in lease: 7906.26 **Elevation (ft.):** 2720 GL
Total depth TVD (ft.): 855 **Total depth MD (ft.):** 855
Plug back depth TVD (ft.): 810 **Plug back depth MD (ft.):** 810
Was directional survey made other than inclination (Form W-12)? No **Rotation time within surface casing (hours):** 1.0
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: 7565.0 **Feet from the** South **Line and**
7906.0 **Feet from the** East **Line of the**
UNIVERSITY 10 **Lease.**

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

Field & Reservoir Gas ID or Oil Lease No. Well No. Prior Service Type

PACKET: N/A

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>
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N/A

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

WRO W-2 FILED AT THE REQUEST OF RRC - WELL HAS NOT BEEN DRILLED AND COMPLETED - ONLY THE SURFACE CASING HAS BEEN SET.

RRC REMARKS

PUBLIC COMMENTS:

CASING RECORD :

TUBING RECORD:

WELL HAS NOT BEEN DRILLED & COMPLETED - ONLY SURFACE CASING HAS BEEN SET.

PRODUCING/INJECTION/DISPOSAL INTERVAL :

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

POTENTIAL TEST DATA:

OPERATOR'S CERTIFICATION

Printed Name: Annette Raines
Telephone No.: (405) 228-8217

Title: Regulatory Advisor
Date Certified: 09/15/2014

L [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

TR. # 115307

1. Operator's Name (As shown on Form P-5, Organization Report) Devon Energy Production Co., L.P.	2. RRC Operator No. 216378	3. RRC District No. 7C	4. County of Well Site Reagan
5. Field Name (Wildcat or exactly as shown on RRC Records) Lin (Wolfcamp)	6. API No. 42-382-38225	7. Drilling Permit No. 756394	
8. Lease Name University 10	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17844	11. Well No. #2703H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		9-21-13					
13. • Drilled Hole Size		17 1/2"					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		13 3/8					
15. Top of liner (ft.)							
16. Setting depth (ft.)		855'					
17. Number of centralizers used		10					
18. Hrs. Waiting on cement before drill-out		8+					
1 st Slurry	19. API cement used: No. of sacks ▶	870					
	Class ▶	"C"					
	Additives ▶	#22					
2 nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶	1523					
	Height (ft.) ▶	2193					
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶	1523					
	Height (ft.) ▶	2193					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		YES					
Remark: SLURRY: C+ 2% CaCl2+ 0.125 #/sk Cello Flake+ 4% Bentonite+ 0.01% Static Free. Well Did circulate cement to the surface 137bbls of Class C 13.5ppg Yield 1.75 or 438 sacks. No temp survey was ordered							

Tr. # 115307

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date								
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)								
27. Slurry volume pumped (cu. ft.)								
28. Calculated top of plug (ft.)								
29. Measured top of plug, if tagged (ft.)								
30. Slurry wt. (lb/gal)								
31. Type cement								

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.

GREGG L UNDERWOOD SERV. SUP.

BAKER HUGHES CO.

Name and title of cementer's representative

Cementing Company

[Handwritten Signature]
Signature

P.O. Box 1135

Eldorado

Texas

76936

(325) 853-2553

9 / 21 / 2013

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.

Annette Raines

SR. Reg. Specialist

[Handwritten Signature]
Signature

Typed or printed name of operator's representative

Title

Signature

333 W. Sheridan Ave.

OKC

OK

73102

405-228-8217

9/15/14

Address

City,

State,

Zip Code

Tel.: Area Code

Number

Date: mo. day yr.

Instructions to Form W-15, Cementing Report

IMPORTANT: Operators and cementing companies must comply with the requirements of the Commission's Statewide Rules 8 (Water Protection), 13 (Casing, Cementing, Drilling, and Completion), and 14 (Well Plugging). For offshore operations, see the requirements of Rule 13 (c).

A. What to file. An operator should file an original and one copy of the completed Form W-15 for each cementing company used on a well. The cementing of different casing strings on a well by one cementing company may be reported on one form. Form W-15 should be filed with the following.

- An initial oil or gas completion report, Form W-2 or G-1, as required by Statewide or special field rates;
- Form W-4, Application for Multiple Completion, if the well is a multiple parallel casing completion; and
- Form W-3, Plugging Record, unless the W-3 is signed by the cementing company representative. When reporting dry holes, operators must complete Form W-15, in addition to Form W-3, to show any casing cemented in the hole.

B. Where to file. The appropriate Commission District Office for the county in which the well is located.

C. Surface Casing. An operator must set and cement sufficient surface casing to protect all usable-quality water strata, as defined by the Texas Department of Water Resources, Austin. Before drilling a well in any field or area in which no field rules are in effect or in which surface casing requirements are not specified in the applicable rules, an operator must obtain a letter from the Department of Water Resources stating the protection depth. Surface casing should not be set deeper than 200 feet below the specified depth without prior approval from the Committee.

D. Centralizers. Surface Casing must be centralized at the shoe, above and below a stage collar or diverting tool, if run, and through usable-quality water zones. In Non-deviated holes, a centralizer must be placed every fourth joint from the cement shoe to the ground surface or to the bottom of the cellar. All centralizers must meet API specifications.

E. Exceptions and alternative casing programs. The District Director may grant an exception to the requirements of Statewide Rule 13. In a written application, an operator must state the reason for the requested exception and outline an alternate program for casing and cementing through the protection depth for strata containing usable-quality water. The District Director may approve, modify, or reject a proposed program. An operator must obtain approval of any exception before beginning casing and cementing operations.

F. Intermediate and production casing. For specific technical requirements, operators should consult Statewide Rule 13 (3) and (4).

G. Plugging and abandoning. Cement plugs must be placed in the wellbore as required by Statewide Rule 14. The District Director may require additional cement plugs. For onshore or inland wells, a 10-foot cement plug must be placed in the top of the well, and the casing must be cut off three foot below the ground surface. All cement plugs, except the top plug, must have sufficient slurry volume to fill 100 feet of hole, plus ten percent for each 1,000 feet of depth from the ground surface to the bottom of the plug

To plug and abandon a well, operators must use only cements approved by the Director of Field Operations, Cementing companies, service companies or operators can qualify as approved cements by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date February 12, 2013

GAU File No.: SC- 11286

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

API Number 38338225

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC_216378_38338225_000000_11286.pdf

DEVON ENERGY PRODUCTION CO LP
333 W SHERIDAN AVE
OKLAHOMA CITY OK 73102

P-5# 216378

--Measured--

2630 ft FEL

2235 ft FSL

MRL:SECTION

Digital Map Location:	
X-coord/Long	101.52614
Y-coord/Lat	31.23525
Datum	83
Zone	

County REAGAN Lease & Well No. UNIVERSITY 10 #2703H&PAD Purpose ND

Location SUR-UL, BLK-10, SEC-27, -- [TD=6800] , [RRC 7C] ,

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 750 feet must be protected.

This recommendation is applicable to all wells drilled on this PAD.

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,


Digitally signed by Jack Oswalt
 DN: c=US, st=TEXAS, l=Austin,
 o=Railroad Commission of Texas,
 cn=Jack Oswalt,
 email=jack.oswalt@rrc.state.tx.us
 Date: 2013.02.12 13:16:04 -06'00'

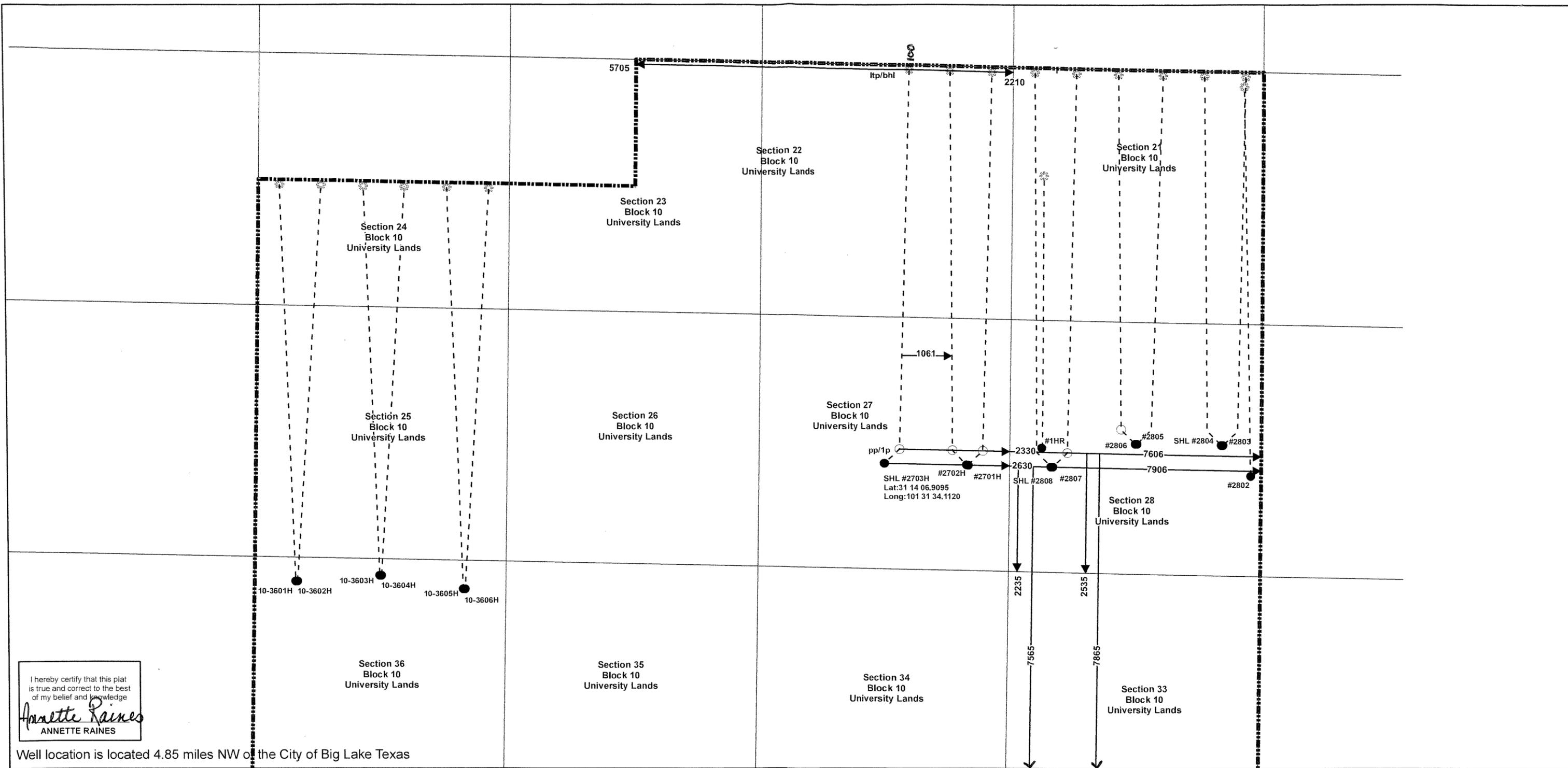
Jack M. Oswalt, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by Jack M. Oswalt on 2/12/2013
Note: Alteration of this electronic document will invalidate the digital signature.



I hereby certify that this plat is true and correct to the best of my belief and knowledge

Annette Raines
ANNETTE RAINES

Well location is located 4.85 miles NW of the City of Big Lake Texas

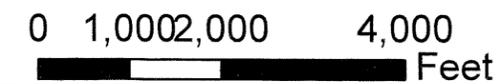
Total Depth: 9000'(Elev 2720)
Surface Location:
2235' FSL & 2630' FEL of the University Land Survey.
7565' FSL & 7906' FEL of the lease.
Penetration Point & 1st Take Point:
2535' FSL & 2330' FEL of the University Land Survey.
7865' FSL & 7606' FEL of the lease
Last Take Point & Bottom Hole Location:
100' FNL & 2210' FEL of the University Land Survey.
100' FNL & 5705' FWL of the lease.

Block 10, University Land Survey Reagan County, Texas

Devon Energy Production Company L.P.
333 W Sheridan - Oklahoma City 73102

University 10-2703H
7906.26 Acres in Lease
Sections 27 Block 10
University Land Survey
Reagan County, Texas
Field:Lin(Wolfcamp)

DATE: 2-7-2013
by EM





PERMIT PLAT OF
DEVON ENERGY PRODUCTION COMPANY, L.P.

UNIVERSITY 10-2703H
LIN (WOLFCAMP)

SURVEY LINES

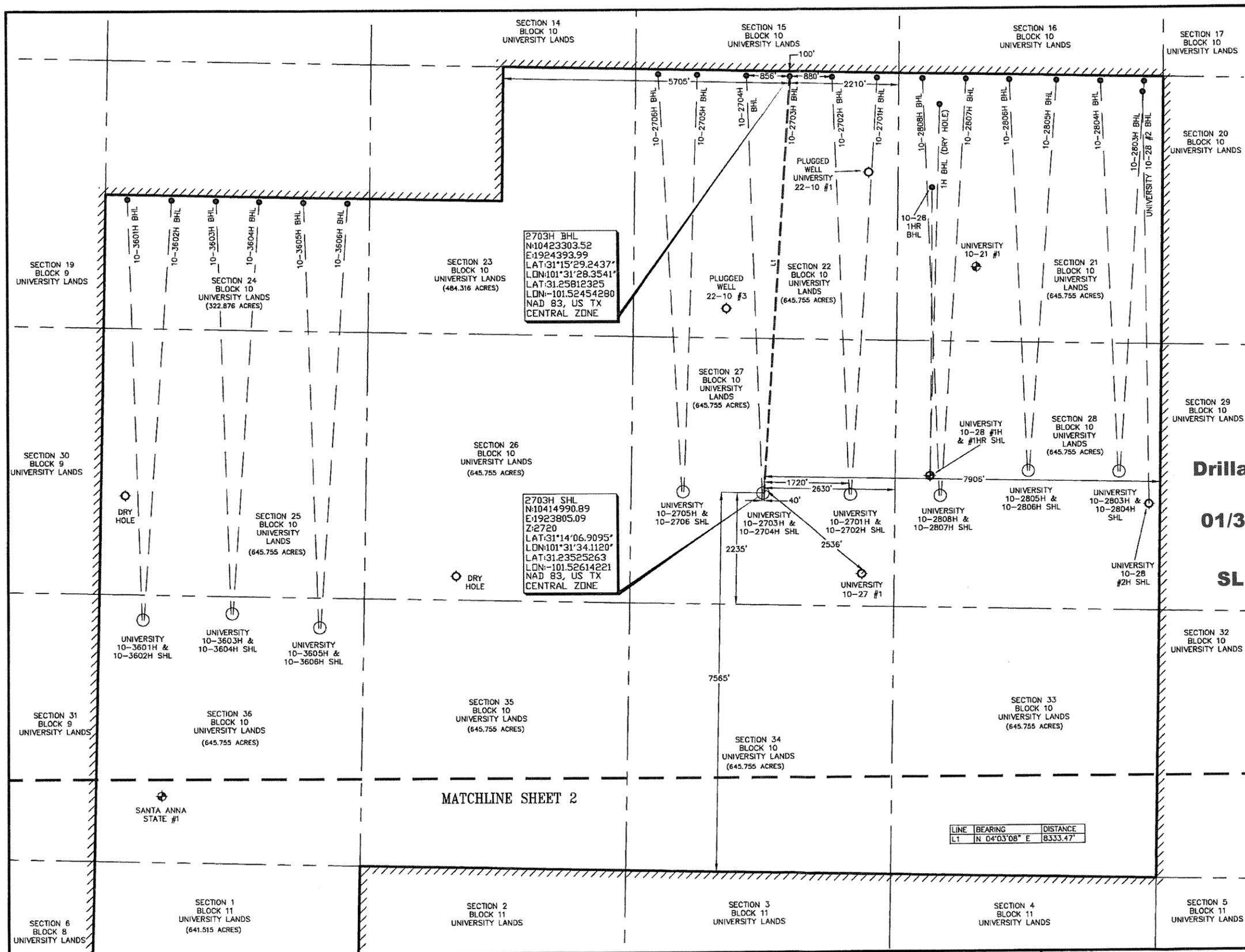
SHL: 2235' FSL & 2630' FEL
SECTION 27, BLOCK 10
UNIVERSITY LANDS SURVEY

BHL: 100' FNL & 2210' FEL
SECTION 22, BLOCK 10
UNIVERSITY LANDS SURVEY

Drillable
01/31/13
SLD

LEASE LINES

SHL: 7565' FSL & 7906' FEL
BHL: 100' FNL & 5705' FWL
REAGAN COUNTY, TEXAS



2703H BHL
N10423303.52
E1924393.99
LAT:31°15'29.2437"
LON:101°31'28.3541"
LAT:31.25812325
LON:-101.52454280
NAD 83, US TX
CENTRAL ZONE

2703H SHL
N10414990.89
E1923805.09
Z:2720
LAT:31°14'06.9095"
LON:101°31'34.1120"
LAT:31.23525263
LON:-101.52614221
NAD 83, US TX
CENTRAL ZONE

NOTE:
Combined Scale Factor: 0.999763725
SHL IS APPROXIMATELY 4.85 MILES N 52°34'57" W OF THE
COURTHOUSE IN BIG LAKE, REAGAN COUNTY, TEXAS.

ORIGINALLY STAKED: 1-16-2013
REV: -- AFE NO.: -- JOB NO.: 12-22742 DRAWN BY: JDM
NOTE:
1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 83 US TX CENTRAL ZONE AND ARE OBTAINED BY NORMAL GPS TECHNIQUES.
2. THIS SURVEY IS FOR AN OIL & GAS SUB-SURFACE LEASE AND THEREFORE THIS IS NOT A BOUNDARY SURVEY.
3. LOCATION OF ADJOINING WELLS OUTSIDE LEASE BOUNDARY ARE APPROXIMATED FROM TEXAS RAILROAD COMMISSION DATA.
4. DOWNHOLE INFORMATION PROVIDED BY THE CLIENT.

I, THE UNDERSIGNED, DO HEREBY CERTIFY THAT THE SURVEY INFORMATION FOUND ON THIS PLAT WAS DERIVED FROM ACTUAL FIELD NOTES OF ON-THE-GROUND SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
[Signature]
REGISTERED PROFESSIONAL LAND SURVEYOR
1-17-2013
DATE

LINE	BEARING	DISTANCE
L1	N 04°03'08" E	8333.47'

111 Austin St., Mason, Texas 76856
(877) 347-6883
www.crosstexaslandservices.com

LEGEND

- POINT
- PROPOSED WELL LOCATION SET
- ⊕ AS MARKED
- ⊙ SURFACE LOCATION OBTAINED FROM RRC
- SURVEY LINE
- - - SUBJECT PROPOSED LATERAL
- - - PROPOSED LATERAL
- - - AS DRILLED LATERAL
- LEASE BOUNDARY

UNRELEASED AREA

R.C.D.R. REAGAN COUNTY DEED RECORDS

SCALE 1" = 2000'

FILE: S:\Texas\REGANA\PROJECTS\UNIVERSITY BLK 10\UNIVERSITY 10-2703H 1-17-2012.dwg