

API No. <u>42-383-38405</u> Drilling Permit # <u>767393</u> SWR Exception Case/Docket No. _____		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <i>This facsimile W-1 was generated electronically from data submitted to the RRC.</i> <i>A certification of the automated data is available in the RRC's Austin office.</i>			FORM W-1 07/2004 Permit Status: Approved	
1. RRC Operator No. <u>216378</u>		2. Operator's Name (as shown on form P-5, Organization Report) DEVON ENERGY PRODUCTION CO, L.P.		3. Operator Address (include street, city, state, zip):		
4. Lease Name UNIVERSITY 10		5. Well No. 3606HR				
GENERAL INFORMATION						
6. Purpose of filing (mark ALL appropriate boxes): <input checked="" type="checkbox"/> New Drill <input type="checkbox"/> Recompletion <input type="checkbox"/> Reclass <input type="checkbox"/> Field Transfer <input type="checkbox"/> Re-Enter <input type="checkbox"/> Amended <input type="checkbox"/> Amended as Drilled (BHL) (Also File Form W-1D)						
7. Wellbore Profile (mark ALL appropriate boxes): <input type="checkbox"/> Vertical <input checked="" type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack						
8. Total Depth 9000		9. Do you have the right to develop the minerals under any right-of-way? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		10. Is this well subject to Statewide Rule 36 (hydrogen sulfide area)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
SURFACE LOCATION AND ACREAGE INFORMATION						
11. RRC District No. 7C		12. County REAGAN		13. Surface Location <input checked="" type="checkbox"/> Land <input type="checkbox"/> Bay/Estuary <input type="checkbox"/> Inland Waterway <input type="checkbox"/> Offshore		
14. This well is to be located <u>6.04</u> miles in a <u>NW</u> direction from <u>Big Lake</u> which is the nearest town in the county of the well site.						
15. Section 36	16. Block 10	17. Survey UL	18. Abstract No. A-U242	19. Distance to nearest lease line: 100 ft.	20. Number of contiguous acres in lease, pooled unit, or unitized tract: 7906.26	
21. Lease Perpendiculars: <u>8591</u> ft from the <u>NORTH</u> line and <u>4458</u> ft from the <u>WEST</u> line.		22. Survey Perpendiculars: <u>600</u> ft from the <u>NORTH</u> line and <u>820</u> ft from the <u>EAST</u> line.				
23. Is this a pooled unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		24. Unitization Docket No:		25. Are you applying for Substandard Acreage Field? <input type="checkbox"/> Yes (attach Form W-1A) <input checked="" type="checkbox"/> No		
FIELD INFORMATION List all fields of anticipated completion including Wildcat. List one zone per line.						
26. RRC District No.	27. Field No.	28. Field Name (exactly as shown in RRC records)	29. Well Type	30. Completion Depth	31. Distance to Nearest Well in this Reservoir	
7C	53613750	LIN (WOLFCAMP)	Oil or Gas Well	8200	720.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)						
Remarks [RRC STAFF Jul 31, 2013 2:55 PM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Jul 31, 2013 3:27 PM]: Problems identified with this permit are resolved.; [RRC STAFF Jul 31, 2013 3:29 PM]: This is a replacement well 40' from 3606H well. No in between well spacing required in this field.; [RRC STAFF Aug 1, 2013 7:56 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 1, 2013 8:00 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 1, 2013 8:20 AM]: Problems identified with this permit are resolved.; [RRC STAFF Aug 1, 2013 8:21 AM]: As per Annette Raines: Well 3606H has been plugged. Revised plat attached.			Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="display: flex; justify-content: space-between;"> <div> Annette Raines, Regulatory Specialist Name of filer <u>(405)2288217</u> Phone </div> <div> <u>Jul 31, 2013</u> Date submitted <u>annette.raines@dvn.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only						
Data Validation Time Stamp: Aug 1, 2013 12:00 PM('As Approved' Version)						

Permit Status: Approved <i>The RRC has not approved this application. Duplication or distribution of information is at the user's own risk.</i>

**RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION**

Form W-1H 07/2004
Supplemental Horizontal Well Information

APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER

*This facsimile W-1 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.*

Permit #	767393
Approved Date:	Aug 01, 2013

1. RRC Operator No. 216378	2. Operator's Name (exactly as shown on form P-5, Organization Report) DEVON ENERGY PRODUCTION CO, L.P.	3. Lease Name UNIVERSITY 10	4. Well No. 3606HR
Lateral Drainhole Location Information			
5. Field as shown on Form W-1 LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)			
6. Section 24	7. Block 10	8. Survey UL	9. Abstract U230
		10. County of BHL REAGAN	
11. Terminus Lease Line Perpendiculars 100 ft. from the North line. and 4839 ft. from the West line			
12. Terminus Survey Line Perpendiculars 2565 ft. from the South line. and 440 ft. from the East line			
13. Penetration Point Lease Line Perpendiculars 8291 ft. from the North line. and 4758 ft. from the West line			

RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION

PERMIT TO DRILL, DEEPEN, PLUG BACK, OR RE-ENTER ON A REGULAR OR ADMINISTRATIVE EXCEPTION LOCATION

PERMIT NUMBER 767393	DATE PERMIT ISSUED OR AMENDED Aug 01, 2013	DISTRICT * 7C
API NUMBER 42-383-38405	FORM W-1 RECEIVED Jul 31, 2013	COUNTY REAGAN
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Horizontal	ACRES 7906.26
OPERATOR DEVON ENERGY PRODUCTION CO, L.P. 216378		NOTICE This permit and any allowable assigned may be revoked if payment for fee(s) submitted to the Commission is not honored. District Office Telephone No: (325) 657-7450
LEASE NAME UNIVERSITY 10		WELL NUMBER 3606HR
LOCATION 6.04 miles NW direction from BIG LAKE		TOTAL DEPTH 9000
Section, Block and/or Survey SECTION ◀ 36 BLOCK ◀ 10 ABSTRACT ◀ U242 SURVEY ◀ UL		
DISTANCE TO SURVEY LINES 600 ft. NORTH 820 ft. EAST		DISTANCE TO NEAREST LEASE LINE 100 ft.
DISTANCE TO LEASE LINES 8591 ft. NORTH 4458 ft. WEST		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below
FIELD(s) and LIMITATIONS: <p align="center">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p>		
FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH NEAREST WE
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LIN (WOLFCAMP)	7906.26	8,200
UNIVERSITY 10	100	3606HR 7C
		720

WELLBORE PROFILE(s) FOR FIELD: Horizontal		

RESTRICTIONS: Lateral: TH1		
Penetration Point Location		
Lease Lines: 8291.0 F NORTH L		
4758.0 F WEST L		
Terminus Location		
BH County: REAGAN		
Section: 24 Block: 10 Abstract: U230		
Survey: UL		
Lease Lines: 100.0 F NORTH L		
4839.0 F WEST L		
Survey Lines: 2565.0 F SOUTH L		
440.0 F EAST L		
THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS		
This well shall be completed and produced in compliance with applicable special field or statewide spacing and density rules. If this well is to be used for brine mining, underground storage of liquid hydrocarbons in salt formations, or underground storage of gas in salt formations, a permit for that specific purpose must be obtained from Environmental Services prior to construction, including drilling, of the well in accordance with Statewide Rules 81, 95, and 97.		
This well cannot be produced concurrently from the same reservoir as: University 10 3606H 383-38160		

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date December 20, 2012

GAU File No.: SC- 11216

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

API Number 38338155

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC_216378_38338155_000000_11216.pdf

--Measured--

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

900 ft FEL

600 ft FNL

MRL:SECTION

Digital Map Location:

X-coord/Long 101.55446

Y-coord/Lat 31.22767

Datum 83 Zone

P-5# 216378

County REAGAN

Lease & Well No. UNIVERSITY 10 #3605H&PAD

Purpose ND

Location SUR-UL,BLK-10,SEC-36,-- [TD=8300] , [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 800 feet must be protected.


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

University 10 #3606HR

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.

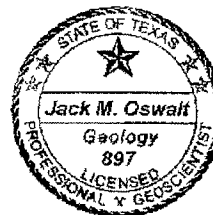
Sincerely,


Digitally signed by Jack Oswalt
DN: cn=US, st=TEXAS, o=Austin, ou=Railroad
Commission of Texas, cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2012.12.20 11:21:01 -06'00'

Jack M. Oswalt, P.G.

Geologist, Groundwater Advisory Unit
Oil & Gas Division

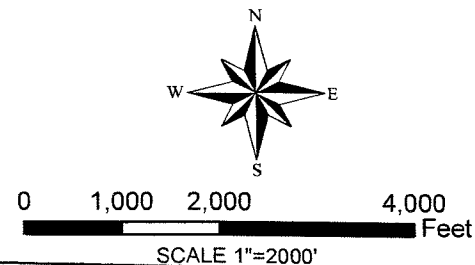
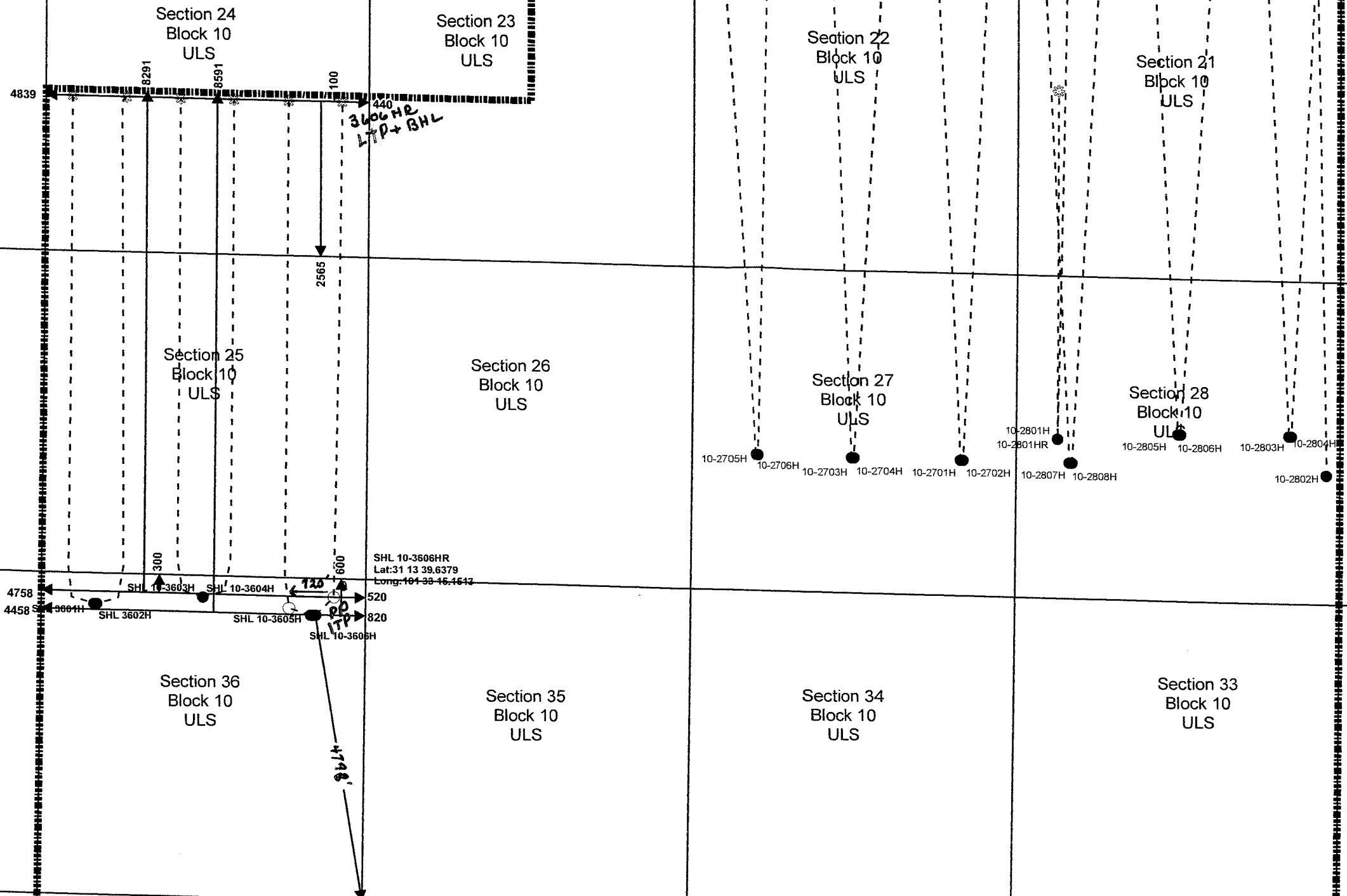
GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 12/20/2012
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 6.04 miles NW of Big Lake, TX.

Total Depth: 8200' (Elev. 2751)
Surface Hole Location:
600 FNL & 820 FEL from the University Lands Survey.
8591 FNL & 4458 FNL from Lease.
Penetration Point/ First Take Point:
300 FNL & 520 FEL from the University Lands Survey.
8291 FNL & 4758 FNL from Lease.
Last Take Point/Bottom Hole Location:
2565 FSL & 440 FEL from the University Lands Survey.
100 FNL & 4839 FNL from Lease.

Section 36 Block 10, ULS
Reagan County, Texas

University 10-3606HR
7906.257 Acres in Lease
Section 36, Block 10
University Lands Survey
Field: Lin (Wolfcamp)
Reagan County, Texas

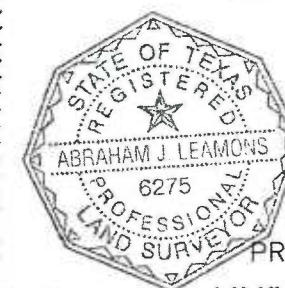
Devon Energy Production Company L.P.
333 W Sheridan - Oklahoma City 73102

DATE: 07/31/2013
by EM



A diagram showing a rectangular building layout. The layout is defined by dashed lines representing walls. The dimensions are indicated by arrows: a horizontal distance of 80' between the left and right walls, and a vertical distance of 40' between the top and bottom walls. Three rooms are labeled below the layout:

- 3605H SHL (located at the bottom left corner)
- 3606H SHL (located at the bottom center)
- 3606HR SHL (located at the bottom right corner)

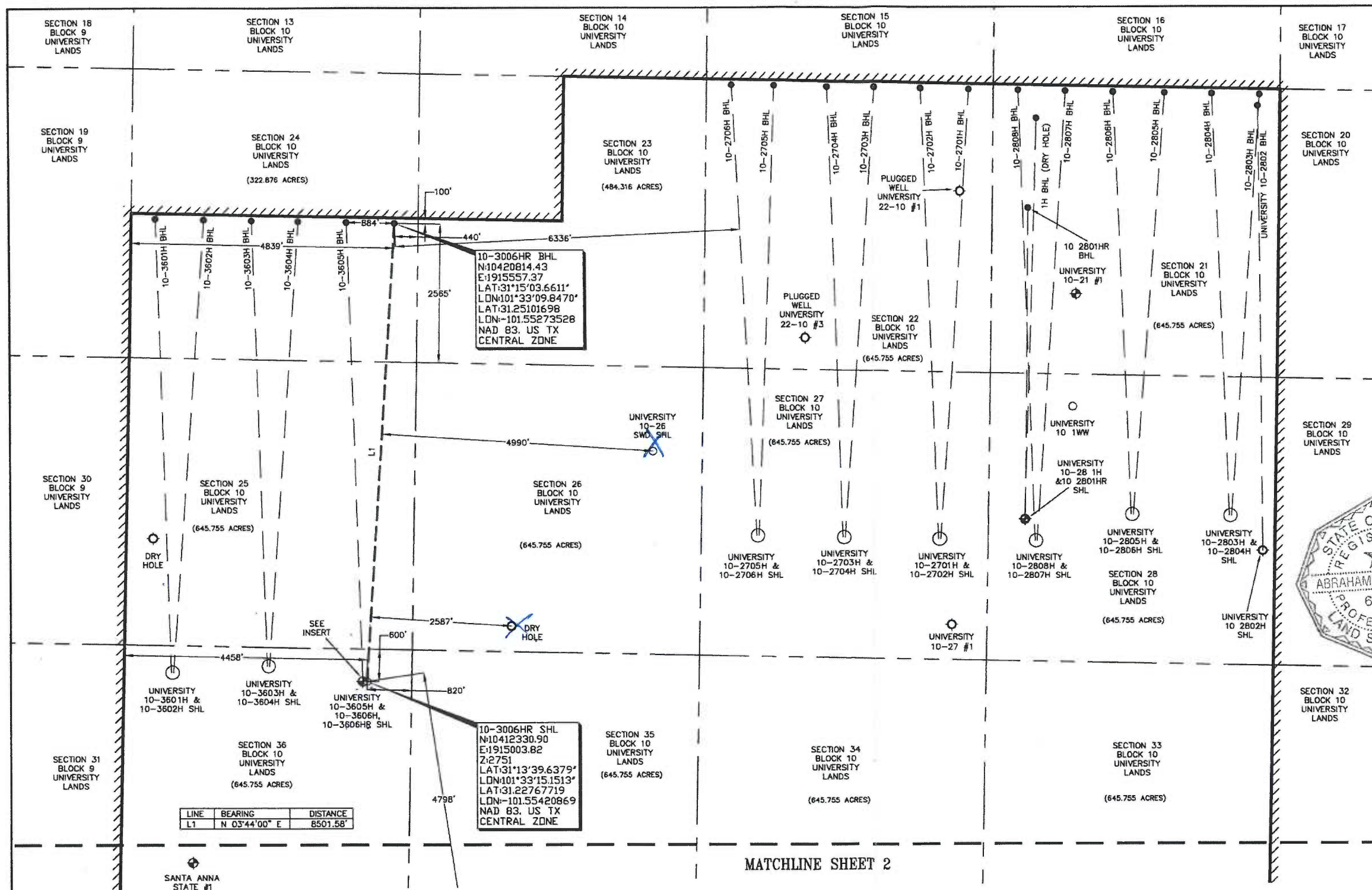


PERMIT PLAT OF
DEVON ENERGY
PRODUCTION COMPANY, L.P.
UNIVERSITY 10-3606HR
LIN (WOLFCAMP)
SURVEY LINES

SHL: 600' FNL & 820' FEL
SECTION 36, BLOCK 10
UNIVERSITY LANDS SURVEY
BHL: 2565' FSL & 440' FEL
SECTION 24, BLOCK 10
UNIVERSITY LANDS SURVEY

LEASE LINES
SHL: 4798' FSL & 4458' FWL
BHL: 100' FNL & 4839' FWL
REAGAN COUNTY, TEXAS

SCALE 1" = 2000'



FILE: S:\Texas\REAGAN\PROJECTS\UNIVERSITY BLK 10\UNIVERSITY 10-36\DRAWING\13-01334 University 10-3606HR 7-29-2013.dwg

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.

REGISTERED PROFESSIONAL LAND SURVEYOR

7-29-2013
DATE

ORIGINALLY STAKED: 10-24-2012
 COORDINATE REVISION: 11-14-2012
 SHL MOVED: 11-26-2012
 LAYOUT UPDATE: 3-22-2013
 SHL MOVED, RENAME: 7-24-2013
 PLAT UPDATE: 7-29-2013

REV: 5 VER: 1 JOB NO.: 13-01334 DRAWN BY: JDM



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

SML SURFACE HOLE LOCATION
 PP PENETRATION POINT
 FTP FIRST TAKE POINT
 LTP LAST TAKE POINT
 BML BOTTOM HOLE LOCATION
 RRC RAILROAD COMMISSION

_____ UNIT BOUNDARY LINE
 _____ SURVEY LINE
 _____ SUBJECT PROPOSED LATERAL
 _____ PROPOSED LATERAL
 _____ ASSRLED LATERAL

● POINT ○ PROPOSED WELL LOCATION SET
 AS MARKED SURFACE LOCATION OBTAINED FROM RRC

LEGEND

UNLEASHED AR

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