

API No. <u>42-105-41602</u> Drilling Permit # <u>750481</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. 216378		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 52-10		5. Well No. 7H					
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 CROCKETT		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>17.65</u> miles in a <u>SW</u> direction from <u>Mertzon</u> which is the nearest town in the county of the well site.							
15. Section 10		16. Block 52		17. Survey UL		18. Abstract No. A-	
				19. Distance to nearest lease line: 100 ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 2012.3	
21. Lease Perpendiculars: <u>1863</u> ft from the <u>W</u> line and <u>7431</u> ft from the <u>N</u> line. 22. Survey Perpendiculars: <u>2755</u> ft from the <u>S</u> line and <u>1863</u> ft from the <u>W</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	6050	377.00	
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS (see W-1H attachment)							
Remarks [RRC STAFF Oct 30, 2012 10:11 AM]: Manual review ok, density met.				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> <u>Easton Miller, Regulatory Technician</u> Name of filer <u>(405)5524525</u> Phone </div> <div> <u>Oct 25, 2012</u> Date submitted <u>easton.miller@dvn.com</u> E-mail Address (OPTIONAL) </div> </div>			
RRC Use Only Data Validation Time Stamp: Oct 30, 2012 11:49 AM(Current 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**

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 #	750481
Approved Date:	Oct 30, 2012

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 52-10	4. Well No. 7H
--------------------------------------	---	--	--------------------------

Lateral Drainhole Location Information

5. Field as shown on Form W-1	LIN (WOLFCAMP) (Field # 53613750, RRC District 7C)
-------------------------------	---

6. Section 11	7. Block 52	8. Survey UL	9. Abstract	10. County of BHL CROCKETT
-------------------------	-----------------------	------------------------	-------------	--------------------------------------

	11. Terminus Lease Line Perpendiculars 100 ft. from the S line. and 2274 ft. from the W line			
	12. Terminus Survey Line Perpendiculars 100 ft. from the S line. and 2274 ft. from the W line			
	13. Penetration Point Lease Line Perpendiculars 7851 ft. from the S line. and 1863 ft. from the W 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 <div style="text-align: right;">750481</div>	DATE PERMIT ISSUED OR AMENDED <div style="text-align: center;">Oct 30, 2012</div>	DISTRICT <div style="text-align: center;">* 7C</div>			
API NUMBER <div style="text-align: right;">42-105-41602</div>	FORM W-1 RECEIVED <div style="text-align: center;">Oct 25, 2012</div>	COUNTY <div style="text-align: center;">CROCKETT</div>			
TYPE OF OPERATION <div style="text-align: center;">NEW DRILL</div>	WELLBORE PROFILE(S) <div style="text-align: center;">Horizontal</div>	ACRES <div style="text-align: center;">2012.3</div>			
OPERATOR <div style="text-align: center;">DEVON ENERGY PRODUCTION CO, L.P.</div>		<div style="text-align: right;">216378</div>	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: <div style="text-align: center;">(325) 657-7450</div>		
LEASE NAME <div style="text-align: center;">UNIVERSITY 52-10</div>		WELL NUMBER <div style="text-align: center;">7H</div>			
LOCATION <div style="text-align: center;">17.65 miles SW direction from MERTZON</div>		TOTAL DEPTH <div style="text-align: center;">9000</div>			
Section, Block and/or Survey <div style="display: flex; justify-content: space-between;"> <div>SECTION 10</div> <div>BLOCK 52</div> <div>ABSTRACT </div> </div> <div style="display: flex; justify-content: space-between;"> <div>SURVEY UL</div> </div>					
DISTANCE TO SURVEY LINES <div style="text-align: center;">2755 ft. S 1863 ft. W</div>		DISTANCE TO NEAREST LEASE LINE <div style="text-align: center;">100 ft.</div>			
DISTANCE TO LEASE LINES <div style="text-align: center;">1863 ft. W 7431 ft. N</div>		DISTANCE TO NEAREST WELL ON LEASE <div style="text-align: center;">See FIELD(s) Below</div>			
FIELD(s) and LIMITATIONS: <div style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</div>					
FIELD NAME LEASE NAME		ACRES NEAREST LEASE	DEPTH NEAREST WE	WELL # NEAREST WE	DIST
----- LIN (WOLFCAMP) <div style="text-align: center;">UNIVERSITY 52-10</div> -----		<div style="text-align: center;">2012.30</div> <div style="text-align: center;">100</div>	<div style="text-align: center;">6,050</div>	<div style="text-align: center;">7H</div> <div style="text-align: center;">377</div>	<div style="text-align: center;">7C</div>
----- WELLBORE PROFILE(s) FOR FIELD: Horizontal -----					
RESTRICTIONS: Lateral: TH1 Penetration Point Location Lease Lines: 7851.0 F S L 1863.0 F W L Terminus Location BH County: CROCKETT Section: 11 Block: 52 Abstract: Survey: UL Lease Lines: 100.0 F S L 2274.0 F W L Survey Lines: 100.0 F S L 2274.0 F W 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.					

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date October 19, 2012

GAU File No.: SC- 14984

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

API Number 10500000

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC_216378_10500000_000000_14984.pdf

--Measured--

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

1863 ft FWL

2755 ft FSL

MRL:SECTION

Digital Map Location:

X-coord/Long 101.01877

Y-coord/Lat 31.06783

Datum 83 Zone

P-5# 216378

County CROCKETT

Lease & Well No. UNIVERSITY 52-10 #7H&PAD

Purpose ND

Location SUR-UL,BLK-52,SEC-10,--[TD=6050],[RRC 7C],

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

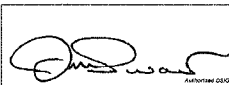
The interval from the land surface to 20 feet below the base of Cretaceous-age beds must be protected. The base of the Cretaceous is estimated to occur at a depth of 725 feet.

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,

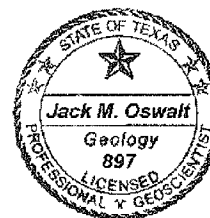


Digitally signed by Jack Oswalt
DN: c=US, st=TEXAS, l=Austin, o=Railroad
Commission of Texas, cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2012.10.19 13:22:08 -05'00'

Jack M. Oswalt, P.G.

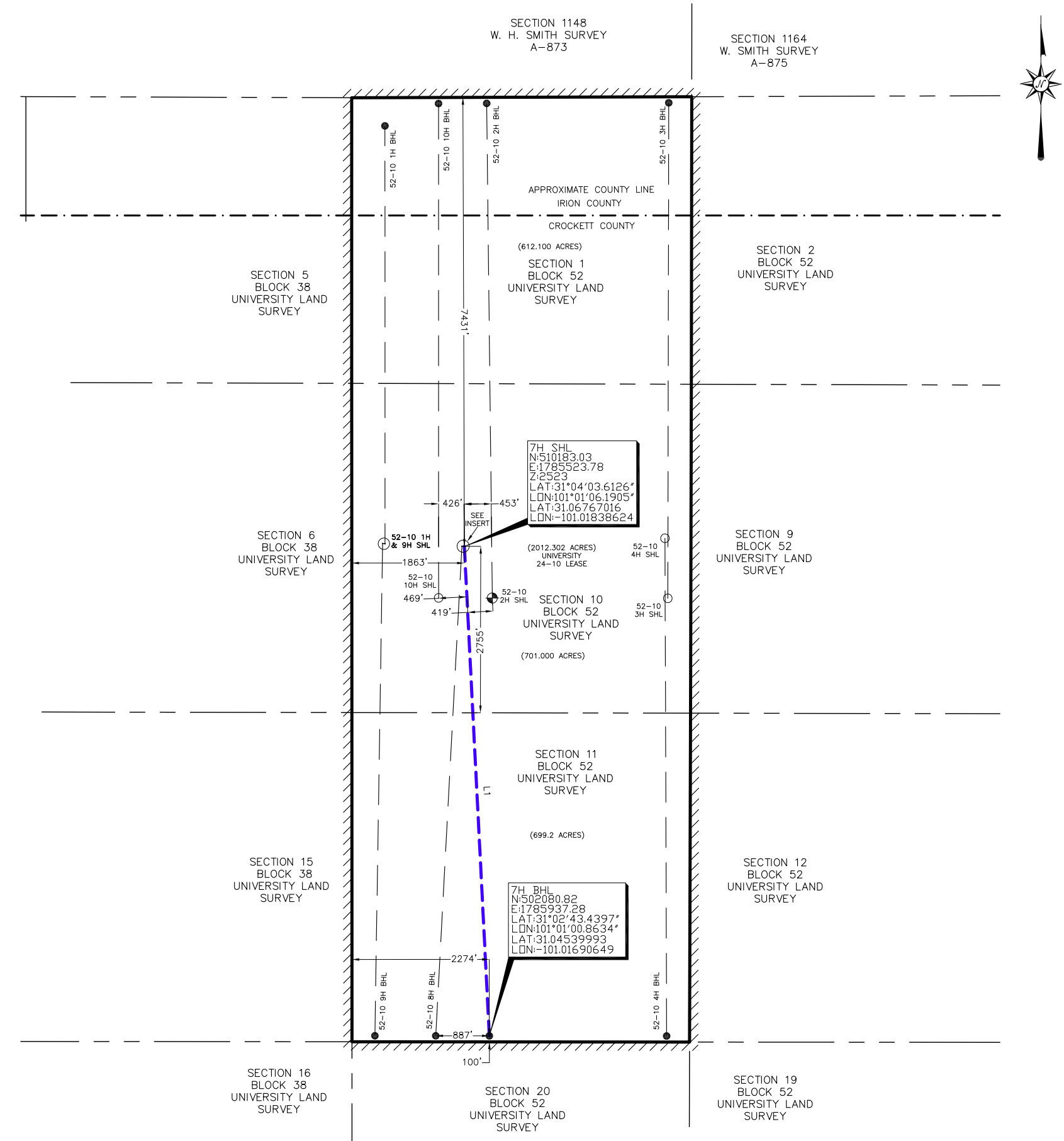
Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 10/19/2012
Note: Alteration of this electronic document will invalidate the digital signature.

FILE: S:\Texas\EL DORADO AREA\UNIVERSITY BLK 52\UNIVERSITY 52-10 7H\DRAWING\12-22015 UNIVERSITY 52-10 #7 10-06-2012.DWG



LINE	BEARING	DISTANCE
L1	S 02°55'18" E	8112.75'

PLAT OF
DEVON ENERGY PRODUCTION COMPANY, L.P.

UNIVERSITY 52-10 #7H

LIN (WOLFCAMP)

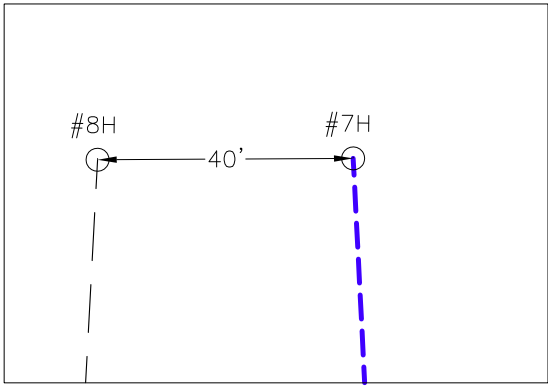
SURVEY LINES

SHL: 2755' FSL & 1863' FWL
SECTION 10, BLOCK 52
UNIVERSITY LAND SURVEY
BHL: 100' FSL & 2274' FWL
SECTION 11 BLOCK 52
UNIVERSITY LAND SURVEY

LEASE LINES

SHL: 7431' FNL & 1863' FWL
BHL: 100' FSL & 2274' FWL
CROCKETT COUNTY, TEXAS

INSERT
SCALE 1" TO 30'



NOTE:			
Combined Scale Factor: 0.999762872			
SHL IS APPROXIMATELY 17.65 MILES S 43°17'01" W OF THE COURTHOUSE IN MERTZON, IRION COUNTY, TEXAS.			
STATE PLANE, NAD 83			
DESCRIPTION	NORTHING	EASTING	ELEVATION
7H SHL	10352762.52	2081990.70	2523
7H BHL	10344660.32	2082404.17	0
GEOGRAPHIC NAD 83 DECIMAL DEGREES			
DESCRIPTION	NORTH LATITUDE	WEST LONGITUDE	
7H SHL	31.06783713	101.0187735	2523
7H BHL	31.04556768	101.0172937	0
GEOGRAPHIC NAD 83 DEGREES MINUTES SECONDS			
7H SHL	31 04 04.2136	101 01 07.5846	2523
7H BHL	31 02 44.0436	101 01 02.2574	0



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

NOTE:
1. BEARINGS, DISTANCES & ACREAGE ARE GRID, NAD 27 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

10-10-2012
DATE

ORIGINALLY STAKED: 09-26-2012

REV: - AFE NO.: - VER: 1
JOB NO.: 12-22015 DRAWN BY: JTL

SHL SURFACE HOLE LOCATION

PP PENETRATION POINT

FTP FIRST TAKE POINT

LTP LAST TAKE POINT

BHL BOTTOM HOLE LOCATION

RRC RAILROAD COMMISSION

UNIT BOUNDARY LINE

SURVEY LINE

SUBJECT PROPOSED LATERAL

PROPOSED LATERAL

ASDRILLED LATERAL


POINT

AS MARKED

PROPOSED WELL LOCATION SET

SURFACE LOCATION OBTAINED FROM RRC

LEGEND


UNRELEASED AREA

C.C.D.R. - CROCKETT COUNTY DEED RECORDS

