

API No. <u>42-003-46412</u>		RAILROAD COMMISSION OF TEXAS OIL & GAS DIVISION APPLICATION FOR PERMIT TO DRILL, RECOMPLETE, OR RE-ENTER <small>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.</small>				FORM W-1 07/2004 <hr/> Permit Status: Approved	
Drilling Permit # <u>788716</u>							
SWR Exception Case/Docket No. <u>0291062</u> (R37/38)							
1. RRC Operator No. <u>924624</u>		2. Operator's Name (as shown on form P-5, Organization Report) WILLIAMS, CLAYTON ENERGY, INC.			3. Operator Address (include street, city, state, zip): 6 DESTA DR STE 2100 MIDLAND, TX 79705-0000		
4. Lease Name ANDREWS UNIVERSITY 41-32			5. Well No. <u>14</u>				
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 checked="" type="checkbox"/> Vertical <input type="checkbox"/> Horizontal (Also File Form W-1H) <input type="checkbox"/> Directional (Also File Form W-1D) <input type="checkbox"/> Sidetrack							
8. Total Depth <u>11500</u>		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. <u>08</u>		12. County ANDREWS		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>7.1</u> miles in a <u>NE</u> direction from <u>ANDREWS</u> which is the nearest town in the county of the well site.							
15. Section <u>41</u>		16. Block <u>4</u>		17. Survey <u>UL</u>		18. Abstract No. <u>A-U103</u>	
				19. Distance to nearest lease line: <u>1980</u> ft.		20. Number of contiguous acres in lease, pooled unit, or unitized tract: 641.1	
21. Lease Perpendiculars: <u>1980</u> ft from the <u>W</u> line and <u>2037</u> ft from the <u>S</u> line.				22. Survey Perpendiculars: <u>560</u> ft from the <u>N</u> line and <u>1980</u> ft from the <u>W</u> line.			
23. Is this a pooled unit? <input checked="" type="checkbox"/> Yes <input 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	32. Number of Wells on this lease in this Reservoir
08	85280300	SPRABERRY (TREND AREA)		Oil or Gas Well	6800	1159.00	10
08	56822750	MAGUTEX (STRAWN)		Oil Well	10600	1159.00	7
BOTTOMHOLE LOCATION INFORMATION is required for DIRECTIONAL, HORIZONTAL, AND AMENDED AS DRILLED PERMIT APPLICATIONS							
Remarks [RRC STAFF Jul 10, 2014 5:24 PM]: Well count corrected based on completed and permitted wells.; [RRC STAFF Jul 18, 2014 11:03 AM]: There have been problems identified with this permit (see problem letter attachment). Notification sent.; [RRC STAFF Aug 6, 2014 9:03 AM]: Problems identified with this permit are resolved.				Certificate: I certify that information stated in this application is true and complete, to the best of my knowledge. <div style="text-align: center;"> Karen Roberts Ms, <u>kroberts@claytonwilliams.com</u> <u>Jun 04, 2014</u> Name of filer Date submitted </div> <div style="text-align: center;"> <u>(432)682-6324, x3286</u> <u>kroberts@claytonwilliams.com</u> Phone E-mail Address (OPTIONAL) </div>			
RRC Use Only Data Validation Time Stamp: Sep 4, 2014 3:05 PM(Current Version)							

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 788716	DATE PERMIT ISSUED OR AMENDED Aug 29, 2014	DISTRICT * 08															
API NUMBER 42-003-46412	FORM W-1 RECEIVED Jun 04, 2014	COUNTY ANDREWS															
TYPE OF OPERATION NEW DRILL	WELLBORE PROFILE(S) Vertical	ACRES 641.1															
OPERATOR WILLIAMS, CLAYTON ENERGY, INC. 6 DESTA DR STE 2100 MIDLAND, TX 79705-0000		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: (432) 684-5581															
LEASE NAME ANDREWS UNIVERSITY 41-32		WELL NUMBER 14															
LOCATION 7.1 miles NE direction from ANDREWS		TOTAL DEPTH 11500															
Section, Block and/or Survey SECTION ◀ 41 BLOCK ◀ 4 ABSTRACT ◀ U103 SURVEY ◀ UL																	
DISTANCE TO SURVEY LINES 560 ft. N 1980 ft. W		DISTANCE TO NEAREST LEASE LINE 1980 ft.															
DISTANCE TO LEASE LINES 1980 ft. W 2037 ft. S		DISTANCE TO NEAREST WELL ON LEASE See FIELD(s) Below															
FIELD(s) and LIMITATIONS: <p style="text-align: center;">* SEE FIELD DISTRICT FOR REPORTING PURPOSES *</p> <p style="text-align: center;">** THIS PERMIT IS GRANTED PURSUANT TO STATEWIDE RULE 37(h)(2)(A)/38 **</p> <p style="text-align: center;">CASE NO. 0291062</p> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">FIELD NAME LEASE NAME</th> <th style="text-align: center;">ACRES NEAREST LEASE</th> <th style="text-align: center;">DEPTH</th> <th style="text-align: center;">WELL # NEAREST WE</th> <th style="text-align: center;">DIST</th> </tr> </thead> <tbody> <tr> <td> ** SPRABERRY (TREND AREA) ANDREWS UNIVERSITY 41-32 </td> <td style="text-align: center;"> 641.10 1980 </td> <td style="text-align: center;"> 6,800 </td> <td style="text-align: center;"> 14 1159 </td> <td style="text-align: center;"> 08 </td> </tr> <tr> <td> ** MAGUTEX (STRAWN) ANDREWS UNIVERSITY 41-32 </td> <td style="text-align: center;"> 641.10 1980 </td> <td style="text-align: center;"> 10,600 </td> <td style="text-align: center;"> 14 1159 </td> <td style="text-align: center;"> 08 </td> </tr> </tbody> </table> <p>' ** ' PRECEDING FIELD NAME INDICATES RULE (R37/38)</p> <p style="text-align: center;">THE FOLLOWING RESTRICTIONS APPLY TO ALL FIELDS</p> <p>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.</p> <p>This well must comply to the new SWR 3.13 requirements concerning the isolation of any potential flow zones and zones with corrosive formation fluids. See approved permit for those formations that have been identified for the county in which you are drilling the well in.</p>			FIELD NAME LEASE NAME	ACRES NEAREST LEASE	DEPTH	WELL # NEAREST WE	DIST	** SPRABERRY (TREND AREA) ANDREWS UNIVERSITY 41-32	641.10 1980	6,800 	14 1159	08	** MAGUTEX (STRAWN) ANDREWS UNIVERSITY 41-32	641.10 1980	10,600 	14 1159	08
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RAILROAD COMMISSION OF TEXAS
OIL & GAS DIVISION
SWR #13 Formation Data

ANDREWS (003) County

Formation	Shallow Top	Deep Top	Remarks	Geological Order	Effective Date
YATES	2,500	3,200		1	12/17/2013
SEVEN RIVERS	3,000	3,000		2	12/17/2013
QUEEN	3,600	4,800		3	12/17/2013
GRAYBURG	3,100	5,000		4	12/17/2013
SAN ANDRES	3,700	5,300	CO2 flood, high flows, H2S, corrosive	5	12/17/2013
HOLT	5,000	5,500		6	12/17/2013
GLORIETA	5,100	6,000		7	12/17/2013
TUBB	6,100	6,300		8	12/17/2013
CLEARFORK	5,600	7,600		9	12/17/2013
PERMIAN DETRITAL	7,800	7,900		10	12/17/2013
LEON	7,900	7,900		11	12/17/2013
WICHITA ALBANY	6,500	8,100		12	12/17/2013
SPRABERRY	7,300	8,600		13	12/17/2013
DEAN	9,200	9,500		14	12/17/2013
WOLFCAMP	7,500	9,900		15	12/17/2013
CANYON	8,600	10,200		16	12/17/2013
PENNSYLVANIAN	8,700	10,200		17	12/17/2013
MCKEE	8,300	10,600		18	12/17/2013
STRAWN	8,800	11,000		19	12/17/2013
FUSSELMAN	8,400	11,900		20	12/17/2013
DEVONIAN	7,600	12,500		21	12/17/2013
SILURIAN	8,000	12,500		22	12/17/2013
ELLENBURGER	7,900	13,900		23	12/17/2013

This is a dynamic table that will be updated continuously. It is the operators responsibility to make sure that at time of spudding the well the most current table is being referenced.

CERTIFICATE OF POOLING AUTHORITY

Revised 05/2001

P-12


1. Field Name(s) All Fields	2. Lease/ID Number (if assigned) 41394	3. RRC District Number 08
4. Operator Name Clayton Williams Energy Inc.	5. Operator P-5 Number 924624	6. Well Number 14
7. Pooled Unit Name Andrews University 41-32	8. API Number	9. Purpose of Filing <input checked="" type="checkbox"/> Drilling Permit (W-1) <input type="checkbox"/> Completion Report
10. County Andrews	11. Total acres in pooled unit 641.10	

DESCRIPTION OF INDIVIDUAL TRACTS CONTAINED WITHIN THE POOLED UNIT

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT (See inst. #7 below)	INDICATE UNDIVIDED INTERESTS	
			UNLEASED	NON-POOLED
1	University Lands	120.206	<input type="checkbox"/>	<input type="checkbox"/>
2	University Lands	200.344	<input type="checkbox"/>	<input type="checkbox"/>
*3	University Lands	160.275	<input type="checkbox"/>	<input type="checkbox"/>
4	University Lands	160.275	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>

CERTIFICATION:

I declare under penalties prescribed pursuant to the Sec. 91.143, Texas Natural Resources Code, that I am authorized to make the foregoing statements and that the information provided by me or under my direction on this Certificate of Pooling Authority is true, correct, and complete to the best of my knowledge.

Signature 
Eng Tech kroberts@claytonwilliams.com
Title E-mail (if available)

Karen Roberts

Print Name
06/04/2014 (432) 688-3286
Date Phone

INSTRUCTIONS — Reference: Statewide Rules 31, 38 and 40

- When two or more tracts are pooled to form a unit to obtain a drilling permit, file completion paperwork, or reform a pooled unit pursuant to Rule 38(d)(3) the operator must file an original Certificate of Pooling Authority and certified plat.
- The certified plat shall designate each tract with an outline and a tract identifier. The tract identifier on the plat shall correspond to the tract identifier and associated information listed on the Certificate.
- If within an individual tract, a non-pooled and/or unleased interest exists, indicate by checking the appropriate box.
- If the Purpose of Filing is to obtain a drilling permit, in box #1 list all applicable fields separately or enter "All Fields" if the Certificate pertains to all fields requested on Form W-1.
- If the Purpose of Filing is to file completion paperwork, enter the applicable field name in box #1 for the completion.
- Identify the drill site tract with an * to the left of the tract identifier.
- The total number of acres in the pooled unit in #11 should equal the total of all acres in the individual tracts listed.

Clear Form



RAILROAD COMMISSION OF TEXAS
STATEWIDE RULE 13 EXCEPTION APPLICATION/ALTERNATIVE REQUEST
 Surface Casing: 13(b)(1)(H), Tubing: 13(b)(4)(B), Drilling Fluid: 13(a)(6)(C), or Non-standard Cement 13(b)(1)(D)

1. Operator: Clayton Williams Energy Inc.		2. P-5 No.: 924624		3. Lease Name: Andrews University 41-32		4. Well No.: 14	
5. Street Address: #6 Desta Drive, Suite 2100, Midland, Texas 79705				6. RRC District: 08		7. Drill Permit No.: 788716	
8. Field Name: Spraberry (Tread Area) Magutex (Straw)		9. County: Andrews		10. Proposed Depth: 11500 <input checked="" type="checkbox"/> TVD <input type="checkbox"/> MD			
11. Survey: PSL		12. Abstract No:		13. Block/Township: 4		14. Section: 41	
15. GPS Datum: 27		Coordinates: N 32.39274718, W -102.46851765					
16. GAU No.: 14096 (attach letter)		Recommendation Type (below)		17. Usable-Quality Water (determined by GAU): 250 ft.			
<input type="checkbox"/> Well <input checked="" type="checkbox"/> Lease <input type="checkbox"/> Survey <input type="checkbox"/> Pad <input type="checkbox"/> Radius:				Separation points: 1150- 1700 ft.			

18. Exception Request: <input type="checkbox"/> Short Surface Csg <input checked="" type="checkbox"/> Excess Surface Csg <input type="checkbox"/> Single-string <input type="checkbox"/> Tubing <input type="checkbox"/> Area-wide ²	
19. Alternate Program Request: <input checked="" type="checkbox"/> Drilling Fluid Program <input type="checkbox"/> Non-API Cement <input type="checkbox"/> Other: _____	
20. Reason for this request: <input type="checkbox"/> Economic <input type="checkbox"/> Technical <input checked="" type="checkbox"/> Other Please explain: Cost effect, a general practice of setting short string. If this application includes a request for exception to tubing requirements outlined in 13(b)(4)(A), indicate requested duration: _____	
21. Is this a proposed injection or disposal well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
22. Is this a Minimum Separation well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
23. Are there any water wells within ¼ mile of this proposed well location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide information requested below Type of water well: _____ Depth: _____ Distance: _____ Direction: _____	
24. Are there any INJECTION or DISPOSAL wells within ¼ mile of the proposed well location? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, list names and depths of all formations permitted for INJECTION OR DISPOSAL within ¼ miles of the well location: _____	
25. Have there been any blowouts within a mile of this wellsite? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If yes, name operator(s), lease(s), and date(s) blowout(s) occurred: _____	

IF CEMENT IS NOT CIRCULATED TO THE GROUND SURFACE AS REQUIRED BY THIS EXCEPTION, YOU MUST CONTACT THE DISTRICT OFFICE IMMEDIATELY AND FOLLOW THE PROCEDURES SET OUT IN RULE 13(B)(2)(g)(III) OR AS REQUIRED BY THE DISTRICT OFFICE.

26. Proposed Casing and Cementing Program		Surface Casing			Intermediate Casing			Production Casing		
Hole Size (in.)		17 1/2"			11"					
O.D. (in.), Grade, Weight (lb/ft.)		13 3/8"	J-55	48#	8 5/8"	J-55/HCCJ55	24#/32#			
Setting Depth (ft.)		400'			5000'					
Multi-Stage Tool Depth (ft.)										
LEAD/FILLER CEMENT	Type and Free Water Content	Class C 0.8%			EconoCem C 1.2%					
	# of Sacks and Yield (cu. ft/sk)	440 1.35			250 2.47					
	Cement Additives	2% CaCl			10% Gel, 8 lbs salt					
	24/72-Hr. Comp. Strength (psi)	1400	2800		220	400				
	Cement Height (TOC) (ft.)	surface			surface					
	% Excess	100%			100%					
TAIL/CRITICAL CEMENT	Type and Free Water Content				Premium Plus C 0%					
	# of Sacks and Yield (cu. ft/sk)				1020 1.93					
	Cement Additives				6% Gel, 3% KCL					
	24/72-Hr. Comp. Strength (psi)				1100 1550					
	Cement Height (TOC) (ft.)				1100'					
	Centralizers No. & Placement ⁹	3, @ 360', 200', 40'			15, fourth jt, btm 500' & 1800'-surface					
% Excess					100%					

PROVISIONS APPLICABLE TO RULE 13 EXCEPTIONS:

1. **REQUESTS FOR EXCEPTIONS TO STATEWIDE RULE 13 SUBMITTED AFTER THE WELL HAS BEEN DRILLED OR COMPLETED MAY RESULT IN ENFORCEMENT ACTION AGAINST THE OPERATOR.**
2. For area-wide exception requests, please provide additional information which clearly defines the area to be exempted. Area-wide approvals are NOT allowed for short surface casing applications (only approved on a well-by-well basis). Note: District Offices are not required to grant area-wide exceptions.
3. **Caution:** If this well is being drilled for injection or disposal purposes, a(n) injection/disposal well permit may be denied unless surface casing is set and cemented through all zones of usable-quality groundwater.
4. A **Minimum Separation Well**, further defined in section 13(a)(2)(L), is a well in which hydraulic fracturing treatments will be conducted AND for which: the vertical distance between BUQW and the top of the formation to be fracture stimulated is less than 1000 ft. or for which the District Director has determined there to be inadequate separation between the BUQW and the top of the formation to be fracture stimulated.
5. Review applications 1-3 (Groundwater Database, Submitted Driller's Report, and Brackish Groundwater Database) at the following link to determine location(s) of water wells within ¼ mile of the proposed well: <http://wid.twdb.texas.gov/>.
6. Refer to the Railroad Commission of Texas Public GIS map viewer to locate injection and disposal wells within ¼ mile of the well(s) mentioned on this application: <http://www.rrc.state.tx.us/data/online/gis/index.php>.
7. Review W-14 or H-1a applications at (<http://www.rrc.state.tx.us/data/online/OGImagedRecordsQuery.php>) to determine permitted injection/disposal zones for wells within ¼ mile of the proposed well. Additionally, refer to Rule 13 Formation Tables provided on the RRC website for information regarding saltwater, H2S, and other notable formation depths by county. (<http://www.rrc.state.tx.us/environmental/rule13/index.php>). Statewide Rule 13 may require additional cementing across these formations.
8. Blowout and well-control problem records can be found at the following URL: <http://www.rrc.state.tx.us/data/drilling/blowouts/index.php>.
9. Centralizers must be used through all usable-quality waters. Refer to Rule 13(b)(1)(G).
10. Notify District Office at least 8 hours prior to setting and cementing casing.
11. The alternative surface casing program authorized by this letter is subject to the condition that drilling fluid used while drilling to the base of usable quality groundwater have a salinity of 3000 ppm TDS or less and be conditioned to form a filter cake sufficient to prevent infiltration into the protected water while drilling with fluid having a salinity greater than 3000 ppm TDS below the base of usable quality groundwater to the approved surface casing depth. *The use of oil-based and emulsion drilling fluids are prohibited until casing is set and cemented across the base of usable quality groundwater.*
12. **Note:** The following attachments may be requested by the District Office:
 - a. Proposed wellbore diagram or cementing proposal
 - b. Lab reports containing compressive strength and free water data for Lead and/or Tail Slurry
 - c. Any other information that may be required by the District Office.
13. **Please note that a copy of the approved application form must be kept on location during all phases of drilling and/or plugging operations. Once approved, changes CANNOT be made to the Proposed Casing and Cementing Program on the original application without additional approval from the District Office.**

OPERATOR CONTACT INFORMATION		
Signature: X	Name: Karen Roberts	Title: Eng Tech
Date: 06/12/2014	Phone: 432-688-3286	Fax: 432-688-3250
Email Address (optional): kroberts@claytonwilliams.com		

RRC
Use
Only ►

RRC District Office Action:		Ref. No:
TUBING EXCEPTION: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date:
SURFACE CASING EXCEPTION: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date: 6-19-14
DRILLING FLUID PROGRAM: <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date: 6-19-14
ALTERNATE CEMENT PROGRAM: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date:
Remarks/Modifications: <div style="border: 1px solid black; height: 40px; margin-top: 5px;"></div>		



Texas Commission
on Environmental Quality
Surface Casing Program

DEPTH OF USABLE-QUALITY GROUND WATER TO BE PROTECTED

Date **February 10, 2011**

TCEQ File No.: SC- **14096**

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

API Number **00300000**

Attention: **BETSY LUNA**

RRC Lease No. **000000**

SC_924624_00300000_000000_14096.pdf

**WILLIAMS CLAYTON ENERGY INC
6 DESTA DR
STE 2100
MIDLAND TX 79705**

--Measured--

467 ft FWL

660 ft FNL

MRL:SECTION

P-5# 924624

Digital Map Location:

X-coord/Long **465592**

Y-coord/Lat **299945**

Datum **27** Zone **NC**

County **ANDREWS**

Lease & Well No. **ANDREWS UNIVERSITY 41-32 #5&ALL**

Purpose **ND**

Location **SUR-UL,BLK-4,SEC-41,--[TD=11500],[RRC 8],**

To protect usable-quality ground water at this location, the Texas Commission on Environmental Quality recommends:


**The interval from the land surface to a depth of 250 feet
and the ZONE from 1150 feet to 1700 feet must be protected.**

This recommendation is applicable to all wells drilled in this section 41.

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. Approval of the well completion methods for protection of this groundwater falls under the jurisdiction of the Railroad Commission of Texas. 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 512-239-0515, sc@tceq.state.tx.us, or by mail MC-151.

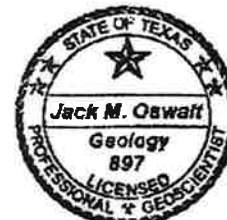
Sincerely,


Digitally signed by Jack Oswalt
DN: c=US, st=Texas, i=Austin, ou=Surface
Casing, o=Texas Commission on
Environmental Quality, cn=Jack Oswalt,
email=joswalt@tceq.state.tx.us
Date: 2011.02.10 13:43:46 -0600

Jack M. Oswalt, P.G.

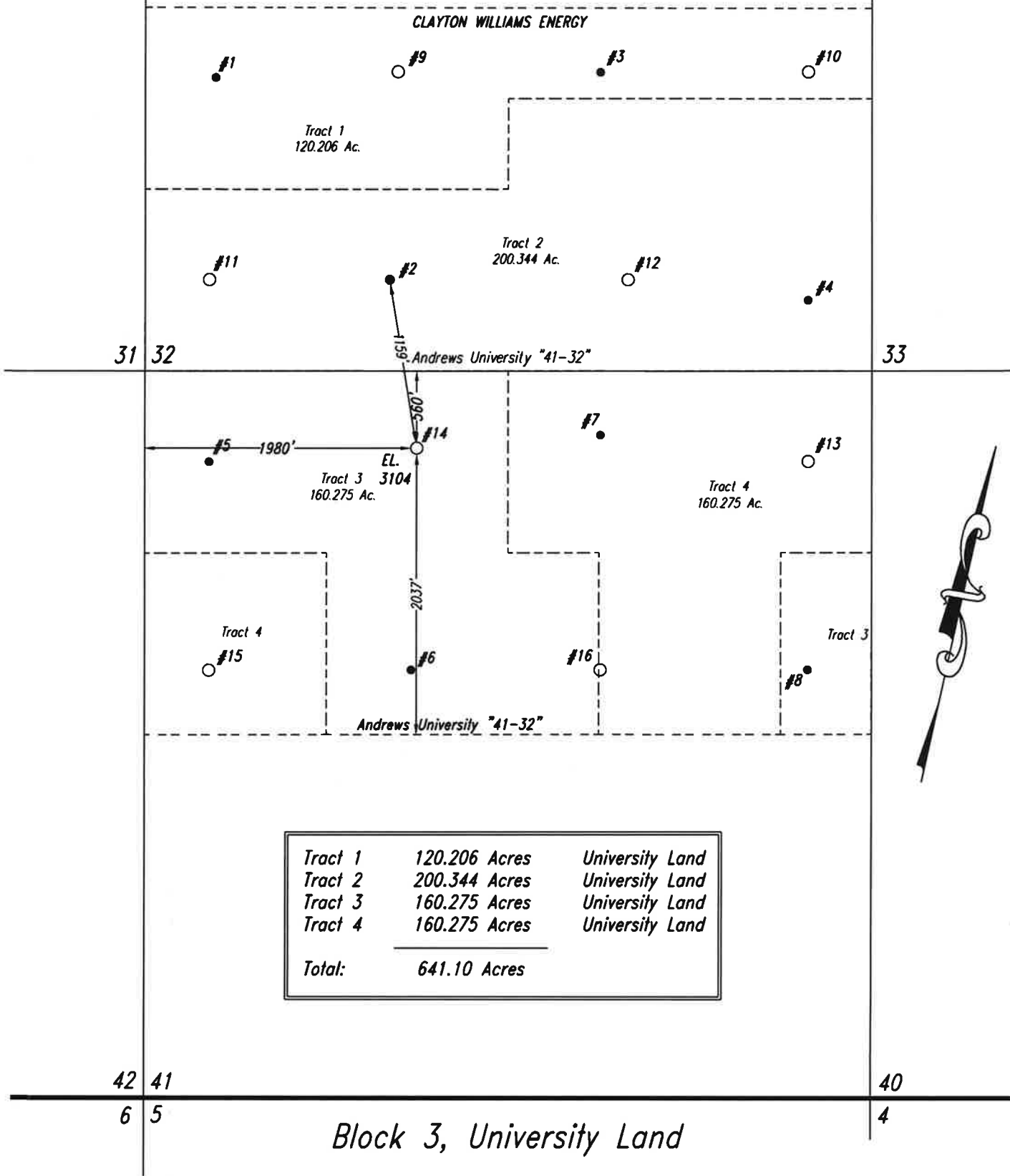
**Geologist, Surface Casing Team
Waste Permits Division**

GEOLOGIST SEAL

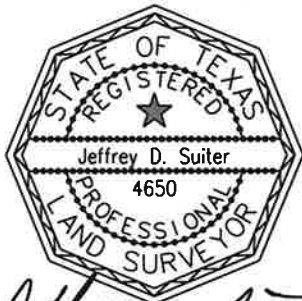


The seal appearing on this document was authorized by Jack M. Oswalt on 2/10/2011
Note: Alteration of this electronic document will invalidate the digital signature.

Block 4, University Land



Note: Survey Reconstruction filed in the Office of Luchini and Mertz Land Surveying Company.
 Note: All bearings and coordinates shown are based on the Texas Coordinate System of 1927, North Central Zone.
 Note: The above sketch represents the location as staked on the ground and is for permit purpose only.
 Note: NAD '27 Coordinates & NAD '83 (Decimal) Latitude/Longitude on well location in Sections 32 and 41.
 Note: Well location is approximately 7.1 miles northeast of Andrews.
 Note: This does not constitute a boundary survey.
 Note: Lease description provided by Client.



Jeffrey D. Suiter

May 19, 2014

140519R1

X: 467047.38
 Y: 300368.42

#14
 Latitude: 32.39274718°
 Longitude: -102.46851765°

Railroad Commission Drawing

CLAYTON WILLIAMS ENERGY, Inc.
 Andrews University "41-32" Lease
 S/2 of Section 32 & N/2 Section 41
 Block 4,
 University Lands,
 Andrews County, Texas

Scale: 1" = 1000'

