



RAILROAD COMMISSION OF TEXAS

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

Form W-2
Status: Work in Progress
Date:
Tracking No.: 119795

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

OPERATOR INFORMATION	
Operator Name: ENERVEST OPERATING, L.L.C.	Operator No.: 252131
Operator Address: ATTN REGULATORY COMPLIANCE 1001 FANNIN STE 800 HOUSTON, TX 77002-0000	

WELL INFORMATION	
API No.: 42-413-32919	County: SCHLEICHER
Well No.: 1H	RRC District No.: 7C
Lease Name: UNIVERSITY 55 11 (PSA)	Field Name: OZONA, NE. (CANYON 7520)
RRC Lease No.:	Field No.: 67998500
Location: 11, 55, UNIVERSITY LAND, A- Latitude:	Longitude:
This well is located 22 miles in a NOR direction from EL DORADO, which is the nearest town in the county. THW EST	

FILING INFORMATION		
Purpose of filing: Initial Potential		
Type of completion: New Well		
<u>Type of Permit</u>	<u>Date</u>	<u>Permit No.</u>
Permit to Drill, Plug Back, or Deepen	04/10/2014	782895
Rule 37 Exception		0288324
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION	
Spud date: 04/15/2014	Date of first production after rig released: 07/30/2014
Date plug back, deepening, recompletion, or drilling operation commenced: 04/15/2014	Date plug back, deepening, recompletion, or drilling operation ended: 05/11/2014
Number of producing wells on this lease in this field (reservoir) including this well: 5	Distance to nearest well in lease & reservoir (ft.): 587.0
Total number of acres in lease: 995.15	Elevation (ft.): 2564 RKB
Total depth TVD (ft.): 6138	Total depth MD (ft.): 13946
Plug back depth TVD (ft.): 6084	Plug back depth MD (ft.): 13895
Was directional survey made other than inclination (Form W-12)? Yes	Rotation time within surface casing (hours): 83.2
Recompletion or reclass? No	Is Cementing Affidavit (Form W-15) attached? Yes
Type(s) of electric or other log(s) run: Combo of Induction/Neutron/Density	Multiple completion? No
Electric Log Other Description:	

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			
W2: N/A			

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:		
GAU Groundwater Protection Determination	Depth (ft.): 625.0	Date: 04/08/2014
SWR 13 Exception	Depth (ft.):	

CANYON	No			No	NOT ENCOUNTERED
STRAWN	No			No	NOT ENCOUNTERED
ELLENBURGER	No			No	NOT ENCOUNTERED
SAN ANGELO - 20 MILES NORTHWEST OF ELDORADO	No	700.0	700.0	No	PINCHED OUT
COLEMAN JUNCTION - NORTHERN HALF	No	1000.0	1000.0	No	PINCHED OUT
CLEARFORK	No	1300.0	1300.0	No	PINCHED OUT
WOLFCAMP	Yes	5269.0	5269.0	No	PRODUCTION ZONE

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

KOP 5478' ALL ZONES ARE INCLUDED IN OZONA, NE. (CANYON 7520). CEMENT PLUG SET @ 5044'. SIDETRACK TIE-IN @ 5239.

RRC REMARKS

POTENTIAL TEST DATA:

CASING RECORD :

TUBING RECORD:

PRODUCING//INJECTION/DISPOSAL INTERVAL :

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

PUBLIC COMMENTS:

OPERATOR'S CERTIFICATION

Printed Name: Robin Downing	Title: Regulatory Analyst
Telephone No.: (325) 387-7320	Date Certified: 11/05/2014

Tracking No.: 119795

This facsimile L-1 was generated electronically from data submitted to the RRC.

Instructions

When to File Form L-1:

- with Forms G-1, W-2, and GT-1 for new and deepened gas, oil, and geothermal wells
- with Form W-3 for plugged dry holes
- when sending in a log which was held under a request for confidentiality and the period for confidentiality has not yet expired.

When is Form L-1 NOT required:

- with Forms W-2, G-1, and GT-1 filed for injection wells, disposal wells, water supply wells, service wells, re-test wells, re-classifications, and plugbacks of oil, gas or geothermal wells
- with Form W-3 for plugging of other than a dry hole

Where to File Form L-1:

- with the appropriate Commission district office

Filling out Form L-1:

- Section I and the signature section must be filled out for all wells
- complete only the appropriate part of Section II

Type of log required:

- any wireline survey run for the purpose of obtaining lithology, porosity, or resistivity information
- no more than one such log is required but it must be of the subject well
- if such log is NOT run on the subject well, do NOT substitute any other type of log; just select Section II, Part A below

SECTION I. IDENTIFICATION

Operator Name: ENERVEST OPERATING, L.L.C.	District No. 7C	Completion Date: 07/30/2014
Field Name OZONA, NE. (CANYON 7520)	Drilling Permit No. 782895	
Lease Name UNIVERSITY 55 11 (PSA)	Lease/ID No.	Well No. 1H
County SCHLEICHER	API No. 42- 413-32919	

SECTION II. LOG STATUS (Complete either A or B)

A. BASIC ELECTRIC LOG NOT RUN

B. BASIC ELECTRIC LOG RUN. (Select one)

- 1. Confidentiality is requested and a copy of the header for each log that has been run on the well is attached.
- 2. Confidentiality already granted on basic electric log covering this interval (applicable to deepened wells only).
- 3. Basic electric log covering this interval already on file with Commission (applicable to deepened wells only).
- 4. Log attached to (select one):
 - (a) Form L-1 (this form). If the company/lease name on log is different from that shown in Section I, please enter name on log here: _____
Check here if attached log is being submitted after being held confidential.
 - (b) Form P-7, Application for Discovery Allowable and New Field Designation.
 - (c) Form W-4, Application for Multiple Completion:
Lease or ID No(s). _____
Well No(s). _____

Robin Downing _____ Signature ENERVEST OPERATING, L.L.C. _____ Name (print)	Regulatory Analyst _____ Title (325) 387-7320 _____ Phone 11/05/2014 _____ Date
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-FOR RAILROAD COMMISSION USE ONLY-

CERTIFICATE OF COMPLIANCE
 AND TRANSPORTATION AUTHORITY

This facsimile P-4 was generated electronically from data submitted to the RRC.
 A certification of the automated data is available in the RRC's Austin office.

Tracking No.: 119795

1. Field name exactly as shown on proration schedule OZONA, NE. (CANYON 7520)		2. Lease name as shown on proration schedule UNIVERSITY 55 11 (PSA)			
3. Current operator name exactly as shown on P-5 Organization Report ENERVEST OPERATING, L.L.C.		4. Operator P-5 no. 252131	5. Oil Lse/Gas ID no	6. County SCHLEICHER	7. RRC district 7C
8. Operator address including city, state, and zip code ATTN REGULATORY COMPLIANCE 1001 FANNIN STE 800 HOUSTON, TX 77002		9. Well no(s) (see instruction E) 1H			11. Effective Date 07/30/2014
		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other (see instruction A)			
12. Purpose of Filing. (Complete section a or b below.) (See instructions B and G)					
a. Change of: <input type="checkbox"/> operator <input type="checkbox"/> oil or condensate gatherer <input type="checkbox"/> gas gatherer <input type="checkbox"/> gas purchaser <input type="checkbox"/> gas purchaser system code					
<input type="checkbox"/> field name from _____ <input type="checkbox"/> lease name from _____ -- OR --					
b. New RRC Number for: <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <input type="checkbox"/> other well (specify) _____ Due to: <input checked="" type="checkbox"/> new completion or recompletion <input type="checkbox"/> reclass oil to gas <input type="checkbox"/> reclass gas to oil <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)					
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). (See instruction G).					
			Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left (Attach an additional sheet in same format if more space is needed)	Purchaser's RRC Assigned System Code	Percent of Take
Gatherer	Purchaser				Full-well stream
X			DCP MIDSTREAM, LP(195918)		100.0
	X		HIGHMOUNT EXPL & PROD TEXAS LLC(385842)	0001	100.0
14. Authorized OIL or CONDENSATE Gatherer(s). (See instruction G).					
Name of OIL or CONDENSATE Gatherer(s) - List Highest Volume Gatherer First (Attach an additional sheet in same format if more space is needed)					Percent of Take
SHELL TRADING (US) COMPANY(774715)					100.0
RRC USE ONLY: Reviewer's initials: _____ Approval date: _____					
15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING. Being the PREVIOUS OPERATOR, I certify that operating responsibility for the well(s) designated in this filing, located on the subject lease has been transferred in its entirety to the above named Current Operator. I understand, as Previous Operator, that designation of the above named operator as Current Operator is not effective until this certificate is approved by the Commission.					
Name of Previous Operator _____			Signature _____		
Name (print) _____			<input type="checkbox"/> Authorized Employee of previous operator <input type="checkbox"/> Authorized agent of previous operator (see instruction G)		
Title _____			Date _____		Phone with area code _____
16. CURRENT OPERATOR CERTIFICATION. By signing this certificate as the Current Operator, I certify that all statements on this form are true and correct and I acknowledge responsibility for the regulatory compliance of the subject lease including plugging of well(s) pursuant to Rule 14. I further acknowledge that I assume responsibility for the physical operation, control, and proper plugging of each well designated in this filing. I also acknowledge that I will remain designated as the Current Operator until a new certificate designating a new Current Operator is approved by the Commission.					
ENERVEST OPERATING, L.L.C.			Robin Downing		
Name (print) _____			Signature _____		
Regulatory Analyst			<input checked="" type="checkbox"/> Authorized Employee of current operator <input type="checkbox"/> Authorized agent of current operator (see instruction G)		
Title _____			Date _____		Phone with area code _____
rdowning@enervest.net			11/05/2014		(325) 387-7320
E-mail Address (optional)			Date		Phone with area code

STATEMENT OF PRODUCTIVITY OF ACREAGE
ASSIGNED TO PRORATION UNITS

Form P-15

Tracking No.: 119795

This facsimile P-15 was generated electronically
from data submitted to the RRC.

The undersigned states that he is authorized to make this statement; that he has knowledge of the facts concerning the ENERVEST OPERATING, L.L.C. ,

OPERATOR

UNIVERSITY 55 11 (PSA) ,

LEASE

No. 1H ; that such well is

WELL

completed in the OZONA, NE. (CANYON 7520) Field, SCHLEICHER County,

Texas and that the acreage claimed, and assigned to such well for proration purposes as authorized by special rule and as shown on the attached certified plat embraces _____

45.6 acres which can reasonably be considered to be productive of hydrocarbons.

- CERTIFICATE

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,

Date 11/05/2014 Signature Robin Downing

Telephone (325) 387-7320 Title Regulatory Analyst
AREA CODE

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

1. Operator's Name (As shown on Form P-5, Organization Report) ENERVEST OPERATING, LLC	2. RRC Operator No. 252131	3. RRC District No. 7C	4. County of Well Site SCHLEICHER
5. Field Name (Wildcat or exactly as shown on RRC Records) OZONA, NE. (CANYON 7520)	6. API No. 42-413-32919	7. Drilling Permit No. 782895	
8. Lease Name UNIVERSITY 55 11 (PSA)	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1H

CASING CEMENTING DATA:		Surface Casing	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		4/16/14					
13. • Drilled Hole Size		12 1/4"					
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		9 5/8"					
15. Top of liner (ft.)							
16. Setting depth (ft.)		1198'					
17. Number of centralizers used		8					
18. Hrs. Waiting on cement before drill-out		4.5					
1 st Slurry	19. API cement used: No. of sacks	228					
	Class	"C"					
	Additives	#22					
2 nd Slurry	No. of sacks	309					
	Class	"C"					
	Additives	#22					
3 rd Slurry	Class						
	Additives						
1 st	20. Slurry pumped: Volume (cu. ft.)	658					
	Height (ft.)	2100					
2 nd	Volume (cu. ft.)	414					
	Height (ft.)	1321					
3 rd	Volume (cu. ft.)						
	Height (ft.)						
Total	Volume (cu. ft.)	1072					
	Height (ft.)	3421					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		YES					
22. Remarks: 1 ST SLURRY "C" + 1% CACL2 + 3% SMS + .125 PPS CELLOFLAKE +.01% SF 2 nd SLURRY "C" + 1% CACL2 +.01% SF CIRCULATED 155 SACKS (80 BBLs) AT 11.4 PPG							

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.

Robert J Carles, Service Supervisor

Name and title of cementer's representative

Baker Hughes

Cementing Company

Signature

P.O. Box 1135

Address

Eldorado

City,

Texas

State,

76936

Zip Code

(325) 853-2553

Tel: Area Code Number

4/16/2014

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.

Robin Downing

Typed or printed name of operator's representative

Regulatory Analyst

Title

Signature

PO Box 618

Address

Sonora, TX. 76950

City, State, Zip Code

325-387-7320

Tel: Area Code Number

5/15/14

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 cementers approved by the Director of Field Operations, Cementing companies, service companies or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

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

1. Operator's Name (As shown on Form P-5, Organization Report) EnerVest Operating, LLC.	2. RRC Operator No. 252131	3. RRC District No. 7C	4. County of Well Site SCHLEICHER
5. Field Name (Wildcat or exactly as shown on RRC Records) Ozona, NE. (Canyon7520)	6. APINo. 42-413-32919	7. Drilling Permit No. 782895	
8. Lease Name UNIVERSITY 55 11 (PSA)	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. 1H

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 ?							

Remar LEAD;H+7% S8C+.1%ASA301+.1%R-3+.01%SF

CEMENTING TO PLUG AND ABANDON	PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
23. Cementing date	4/30/14							
24. Size of hole or pipe plugged (in.)	8.75							
25. Depth to bottom of tubing or drill pipe (ft.)	5765							
26. Sacks of cement used (each plug)	246							
27. Slurry volume pumped (cu. ft.)	301							
28. Calculated top of plug (ft.)	5044							
29. Measured top of plug, if tagged (ft.)	NA							
30. Slurry wt. (lb/gal)	15.8							
31. Type cement	H							

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.

LEVANDOWSKI, Service Supervisor

Name and title of cementer's representative

BAKER HUGHES Company

Cementing Company


Signature

P.O. Box 1135

Address

Eldorado Texas 76936
City, State, Zip Code

(325) 853-2553
Tel.: Area Code Number

4/30/2014
Date: mo. day yr.

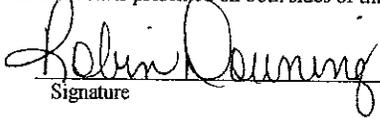
OPERATOR'S CERTIFICATE: I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form Are true, correct, and complete, to the best of my knowledge. This certification covers all well data.

Robin Downing

Typed or printed name of operator's representative

Regulatory Analyst

Title


Signature

PO Box 618

Address

Sonora, Texas 76950
City, State, Zip Code

325-387-7320
Tel.: Area Code Number

5/19/14
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 (e).

- 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 cementers approved by the Director of Field Operations, Cementing companies, service companies or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

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

1. Operator's Name (As shown on Form P-5, Organization Report) EnerVest Operating, LLC.	2. RRC Operator No. 252131	3. RRC District No. 7C	4. County of Well Site Schleicher
5. Field Name (Wildcat or exactly as shown on RRC Records) Ozona, NE. (Canyon 7520)	6. API No. 42-413-32919	7. Drilling Permit No. 782895	
8. Lease Name University 55 11 (PSA)	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. #1H

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				5-11-14			
13. • Drilled Hole Size				8 3/4"			
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)				5 1/2"			
15. Top of liner (ft.)							
16. Setting depth (ft.)				13941'			
17. Number of centralizers used				10			
18. Hrs. Waiting on cement before drill-out							
1 st Slurry	19. API cement used: No. of sacks ▶			399			
	Class ▶			"H"			
	Additives ▶			#22			
2 nd Slurry	No. of sacks ▶			2343			
	Class ▶			"H"			
	Additives ▶			#22			
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶			824			
	Height (ft.) ▶			3262			
2 nd	Volume (cu. ft.) ▶			3004			
	Height (ft.) ▶			11893			
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			3828			
	Height (ft.) ▶			15155			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?				Yes			

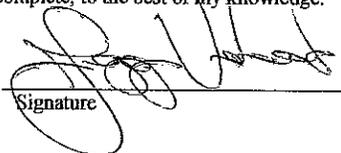
Remark: Lead: 35:65 Poz H+ 6% Bentonite+ 0.45% FL-52+ 0.1% ASA-301+ 5% (bwow) Salt+ 0.1% R-3+ 3pps Kol Seal+ 0.125pps Cello Flake+ 0.01% Static Free.
Tail: 50:50 Poz: H+ 0.4% FL-52+ 0.5% FL-25+ 0.3% CD-32+ 0.6% SMS+ 5% (bwow) Salt+ 0.15% R-3. Circulated cement to the surface 33bbls of Lead cement or 90 sacks.

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, Service Supervisor.
Name and title of cementer's representative

Baker Hughes Oilfield Operations Inc.
Cementing Company


Signature

P. O. Box 1135
Address

Eldorado Texas 76936
City, State, Zip Code

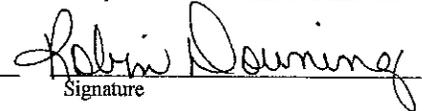
(325) 853-2553
Tel.: Area Code Number

5 / 11 / 2014
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.

Robin Downing
Typed or printed name of operator's representative

Regulatory Analyst
Title


Signature

PO Box 618
Address

Sonora, Texas 76950
City, State, Zip Code

325-387-7320
Tel.: Area Code Number

6/16/14
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 cementers approved by the Director of Field Operations, Cementing companies, service companies or operators can qualify as approved cementers by demonstrating that they are able to mix and pump cement in compliance with Commission rules and regulations.

Company: HIGHMOUNT E & P TEXAS LLC

Well: UNIVERSITY 55 11 (PSA) #1H

Field: OZONA, NE. (CANYON 7520)

County: SCHLEICHER State: TEXAS

PLATFORM EXPRESS

Compensated Neutron Log

Three Detector Litho-Density

County: SCHLEICHER
 Field: OZONA, NE. (CANYON 7520)
 Location: 2719' FNL & 640' FEL
 Well: UNIVERSITY 55 11 (PSA) #1H
 Company: HIGHMOUNT E & P TEXAS LLC

Location: 2719' FNL & 640' FEL Sec: 11, Blk: 55, Abs: N/A Survey: UNIVERSITY LAND	Elev.: K.B. 2563.00 ft G.L. 2541.00 ft D.F. 2562.00 ft
Permanent Datum: Log Measured From: Kelly Bushing Drilling Measured From: Kelly Bushing	Ground Level: Kelly Bushing Elev.: 22.00 ft above Perm. Datum
API Serial No. 42-413-32919	Section: 11 Block: 55 Abstract: N/A

Logging Date	28-Apr-2014	
Run Number	1B	
Depth Driller	7500.00 ft	
Schlumberger Depth	7500.00 ft	
Bottom Log Interval	7509.00 ft	
Top Log Interval	1200.00 ft	
Casing Driller Size @ Depth	9.625 in @ 1198.00 ft	
Casing Schlumberger	1200 ft	
Bit Size	8.75 in	
Type Fluid In Hole	Oil	
Density	9 lbm/gal	56 s
Fluid Loss	PH	
Source of Sample	N/A	
RM @ Meas Temp	N/A	
RMF @ Meas Temp	N/A	
RMC @ Meas Temp	N/A	
Source RMF	N/A	N/A
RM @ BHT	N/A	N/A
RMF @ BHT	N/A	N/A
Max Recorded Temperatures	165 degF	174
Circulation Stopped	Time 28-Apr-2014	09:30:00
Logger on Bottom	Time 28-Apr-2014	23:45:00
Unit Number	Location: 3020	Abilene, Texas
Recorded By	Zach Klein	
Witnessed By	Andrew Van Horn/Kevin Magness	

Disclaimer

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

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|--|--|

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Form GW-2

Date April 8, 2014

GAU File No. 4382

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

API Number 41300000

Attention: CARLA GOMEZ

RRC Lease No. 000000

SC_385842_41300000_000000_4382.pdf

HIGHMOUNT E&P TEXAS LLC
14000 QUAIL SPRINGS EKY
STE 600
OKLAHOMA CITY OK 73134
P-5# 385842

--Measured--

640 ft FEL

2719 ft FNL

MRL: SECTION

Digital Map Location:

X-coord/Long 1810055

Y-coord/Lat 477473

Datum 27 Zone C

County SCHLEICHER

Lease & Well No. UNIVERSITY 55 11 -PSA- #1H

Purpose ND

Location SUR-UL, BLK-55, SEC-11, -- [TD=6600], [RRC 7C],

To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Railroad Commission of Texas 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 625 feet.

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
Digitally signed by George Dunfield
DN: c=US, st=TEXAS, |Austin, o=Railroad
Commission of Texas, cn=George Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2014.04.08 13:15:43 -0500
George Dunfield, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

The seal appearing on this document was authorized by George Dunfield on 4/8/2014
Note: Alteration of this electronic document will invalidate the digital signature.

Form GW-2
Rev. 6/2014

P.O. Box 12067 Austin, Texas 78711-2967 512-463-2741 Internet address: www.rrc.state.tx.us



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)(8)(C), or Non-standard Cement 13(b)(1)(D)

1. Operator: HighMount Expl & Prod Texas LLC	2. P-5 No.: 365042	3. Lease Name: University 55 11 (PSA)	4. Well No.: 1H
5. Street Address: 14000 Quail Springs Parkway, Suite 600, Oklahoma City, OK 73134		6. RRC District: 7C	7. Drill Permit No.: 782895
8. Field Name: Ozona, NE. (Canyon 7520)	9. County: Schleicher	10. Proposed Depth: 6600 <input checked="" type="checkbox"/> IVD <input type="checkbox"/> MD	
11. Well Location: Latitude: 30.978124		Longitude: 100.939404 Datum: 27	
Survey Name: University Land		Abstract No:	Block/Township: 55 Section: 11
12. GAU No.: 4382 (attach letter)	Recommendation Type (below)		13. Usable-Quality Water (determined by GAU): 625 ft.
<input checked="" type="checkbox"/> Well <input type="checkbox"/> Lease <input type="checkbox"/> Survey <input type="checkbox"/> Pad <input type="checkbox"/> Radius:			Separation points: _____ ft.
14. 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			
15. Alternate Program Request: <input type="checkbox"/> Drilling Fluid Program <input type="checkbox"/> Non-API Cement <input type="checkbox"/> Other: _____			
16. Reason for this request: <input type="checkbox"/> Economic <input checked="" type="checkbox"/> Technical <input type="checkbox"/> Other Please explain: Incompetent Sand Section First-time requests for exception to tubing requirements outlined in 13(b)(4)(A) will be granted for a period of 180 days, 13(d)(2)			
17. Is this a proposed injection or disposal well ³ ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		18. Is this a Minimum Separation well ⁴ ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
19. Are there any water wells within 1/4 mile of this proposed well location ⁵ ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, provide information requested below			
Type of water well:	Depth:	Distance:	Direction:
20. Are there any INJECTION or DISPOSAL wells within 1/4 mile of the proposed well location ⁶ ? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, list names and depths of all formations permitted for INJECTION OR DISPOSAL within 1/4 miles of the well location ⁷ : _____			
21. Have there been any blowouts within one mile of this well site ⁸ ? <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.			

22. Proposed Casing and Cementing Program (If more space is needed, use supplemental table on page 3)

	Surface Casing/Single-String	Intermediate Casing	Production Casing
Hole Size (in.), Casing O.D. (in.)	12 1/4"	9 5/8"	
Grade, Weight (lb/ft.)	J55	36#	
Setting Depth (ft.)	1360'		
Multi-Stage Tool Depth (ft.)			
Centralizers (no. & placement)	10 Every 3rd ft. ff/shoe		
LEAD/LEADER CEMENT	Cement Type	Class C	
	# of Sacks and Yield (cu. ft./sk)	229	1.69
	Cement Additives	10% cacl (see 12) 25#/sk Colloidal Gys sodium meta silicate	
	24/72-Hr. Comp. Strength (psi)	500	589
	Height/TOC (ft.), % Excess		100%
	Free Water Content ⁹ (mL water per 250 mL cement)	2 ml	
TAIL/CRITICAL CEMENT	Cement Type	Class C	
	# of Sacks and Yield (cu. ft./sk)	309	1.34
	Cement Additives	1% cacl	
	24/72-Hr. Comp. Strength (psi)	1351	2250
	Height/TOC (ft.), % Excess	0	100%
	Free Water Content ⁹ (mL water per 250 mL cement)	0.5 ml	

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.twdh.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/OGI/magedRecordsQuery.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 cementing across these formations.
8. Blowout records can be found at the following URL: <http://www.rrc.state.tx.us/data/drilling/blowouts/index.php>.
9. Free water content for tail and critical cement may be provided based on lab data available at the time of submission. If additional lab analyses are required by the District Office, slurries must be tested according to API RP 10B-2, per 13(b)(1)(D)(iii).
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 <i>Carla Gomez</i>	Name: Carla Gomez	Title: Senior Regulatory Specialist	
Date: April 10, 2014	Phone: (405) 749-6263	Fax: (405) 749-6690	
Email Address (optional): cmgomez@highmountop.com			

RRC District Office Action - FOR RRC USE ONLY		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: <i>BARRY WOOD</i>	Date: <i>4/10/14</i>
DRILLING FLUID PROGRAM: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date:
ALTERNATE CEMENT PROGRAM: <input type="checkbox"/> Approved <input type="checkbox"/> Approved as Modified <input type="checkbox"/> Denied	By:	Date:
Remarks/Modifications:		

University 55 10
Ozona, NE. (Canyon 7520) Field
Schleicher County, Texas

Acreage Assigned to PSA Wells			
Total Beginning Acreage			663.4
<u>RRC ID #</u>			
	University 55 11 (PSA) 1H	114.4	Permitted
	Less subtotal	114.4	
Total Ending Acreage.....			<u>549.0</u>

<u>Assignable Acreage</u>			
Beginning			663.4
<u>Well Number</u>	<u>RRC ID</u>	<u>Assigned Acres</u>	
1	258565	160	
2	17443	40	
3	262676	160	
5H	17751	303.4	
	Total Assignable Acres	663.4	
	+ PSA Acreage	<u>114.4</u>	
	Less Total Assigned Acreage	777.8	
Ending			<u>-114.4</u>

Proration Acreage will be reassigned on completion of each well.

**PRODUCTION SHARING
AGREEMENT
CODE SHEET**

READ INSTRUCTIONS ON BACK

1. FIELD NAME(S) Ozona, NE. (Canyon 7520)	2. LEASE / ID NO. (if assigned)	3. RRC District No. 7C
4. OPERATOR P-5 NAME HighMount Expl & Prod Texas LLC	5. OPERATOR P-5 NO. 385842	6. WELL NO. 1H
7. SHARING AGREEMENT NAME University 55 11 (PSA)	8. API NO.	9. PURPOSE OF FILING <input checked="" type="checkbox"/> Drilling Permit Application (Form W-1) <input type="checkbox"/> Completion Report
10. COUNTY Schleicher	11. TOTAL ACRES 995.15	

Description of Individual Tracts Contained Within the Production Sharing Agreement

TRACT/PLAT IDENTIFIER	TRACT NAME	ACRES IN TRACT	ACREAGE ALLOCATED TO WELL	INDICATE UNDIVIDED INTERESTS		
				UNLEASED	NOT-PARTICIPATING	NON-POOLED
1	University 55 11	331.75	45.6			
2	University 55 10	663.40	114.4			

REMARKS:

This well is being proposed on two tracts. These two properties have a combined total of 995.15 acres of which 160 will be assigned to this well. 100% has signed the consolidated (PSA) agreement.

CERTIFICATION: I declare under penalties prescribed pursuant to §91.143, Tex. Nat. Res. Code, that this report was prepared by me or under my supervision or direction, that I am authorized to make this report, and that the information contained in this report is true, correct, and complete to the best of my knowledge.

Signature Carla Gomez Name (type/print) Carla Gomez
 Title Senior Regulatory Specialist Date: 4/10/2014 Phone No. (405) 749-5263
 Email Address (Optional - See instructions for important information): cmgomez@highmountep.com

OPERATOR: HighMount EXPLORATION & PRODUCTION TEXAS LLC

LEASE NAME & WELL No: University 55 11 (PSA) 1H

GROUND ELEV.: 2541'

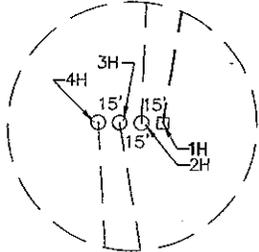
NAD 27 TX CENTRAL ZONE X=1810055 Y=477473 LAT.: 30.978124 LONG.: -100.939464

NAD 83 TX CENTRAL ZONE LAT.: 30.978295 LONG.: -100.939848

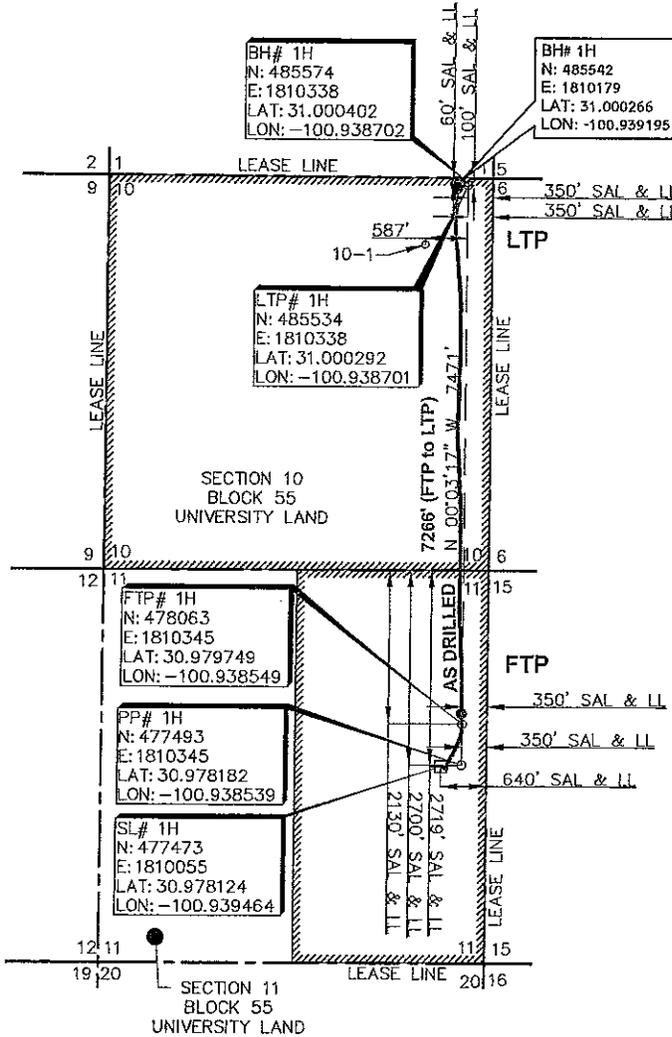
SCHLEICHER COUNTY, TEXAS
SECTION 11, BLOCK 55, UNIVERSITY LAND

SL DESCRIPTION: 2719' FNL & 640' FEL SECTION 11
PP DESCRIPTION: 2700' FNL & 350' FEL SECTION 11
FTP DESCRIPTION: 2130' FNL & 350' FEL SECTION 11
LTP DESCRIPTION: 100' FNL & 350' FEL SECTION 10
BH DESCRIPTION: 60' FNL & 350' FEL SECTION 10

SL DESCRIPTION: 2719' FNL & 640' FEL LEASE LINE
PP DESCRIPTION: 2700' FNL & 350' FEL LEASE LINE
FTP DESCRIPTION: 2130' FNL & 350' FEL LEASE LINE
LTP DESCRIPTION: 100' FNL & 350' FEL LEASE LINE
BH DESCRIPTION: 60' FNL & 350' FEL LEASE LINE



HighMount E. & P. TX. LLC



ALL BEARINGS AND DISTANCES CONTAINED
HEREIN ARE GRID, BASED ON THE TEXAS STATE
PLANE COORDINATES SYSTEM, NAD 27, CENTRAL
ZONE (4203), FROM GPS OBSERVATION.

I hereby affirm that the surface well location represented by this plat
was staked under my direct supervision during the month of
February 2013 and is true and correct to the best of my knowledge
and belief. This plat is strictly for the use of HighMount Exploration &
Production Texas, LLC

Daniel L. Jackson
Daniel L. Jackson
Registered Professional Land Surveyor No. 5577
Firm Registration License # 10129300
March 5, 2014

HighMount E&P Texas, LLC.
Certification of Revisions

Robin Downing
08/21/2014

Date

Plat of Gas Well Location
for the
HighMount Exploration & Production Texas, LLC
University 55 11 (PSA) 1H

AMENDED TO SHOW LEASE IN
SECTION 11: MARCH 20, 2014

DISTANCE & DIRECTION ±22 MILES
NORTHWEST OF ELDORADO

0 2000 4000 6000



SCALE 1"=2000'
PLEASE REFER TO BAR SCALE. DRAWING
MAY HAVE BEEN REDUCED OR ENLARGED.

PLS
PIPELINE LAND
SERVICES, INC.
1700 Shady Oaks Drive Suite 108
Denton, Texas 76205
Office: (940) 808-1191
Fax: (940) 808-1195

NOTE:
LEGEND IS TYPICAL. NOT ALL ITEMS IN LEGEND
APPEAR IN DRAWING.

LEGEND

- PROPOSED GAS WELL
- SURVEY LINE
- LEASE/UNIT BOUNDARY
- = SURFACE LOCATION
- = DRY HOLE
- ⊗ = INJECTION WELL
- = PLUGGED OIL WELL
- = OIL WELL
- ⊗ = GAS WELL

- LL = LEASE LINE
- SAL = APPROX. SURVEY LINE
- SL = SURFACE LOCATION
- PP = PENETRATION POINT
- FTP = FIRST TAKE POINT
- LTP = LAST TAKE POINT
- BH = BOTTOM HOLE

JOB #
March 5, 2014