



RAILROAD COMMISSION OF TEXAS

Form W-2

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

Status: Approved  
Date: 06/19/2014  
Tracking No.: 89312

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

OPERATOR INFORMATION

Operator Name: MEWBOURNE OIL COMPANY Operator No.: 562560  
Operator Address: BOX 7698 TYLER, TX 75711-0000

WELL INFORMATION

API No.: 42-003-45534 County: ANDREWS  
Well No.: 2H RRC District No.: 08  
Lease Name: UNIVERSITY B11 '5' Field Name: ANDECTOR (WICHITA ALBANY)  
RRC Lease No.: 42683 Field No.: 02596820  
Location: Section: 5, Block: 11, Survey: UNIVERSITY LANDS, Abstract:  
  
Latitude: Longitude:  
This well is located 19.8 miles in a SW  
direction from ANDREWS, TX,  
which is the nearest town in the county.

FILING INFORMATION

Purpose of filing: Initial Potential  
Type of completion: New Well  
Well Type: Producing Completion or Recompletion Date: 10/10/2013  

Type of Permit	Date	Permit No.
Permit to Drill, Plug Back, or Deepen	08/19/2013	766820
Rule 37 Exception		0283825
Fluid Injection Permit		
O&G Waste Disposal Permit		
Other:		

COMPLETION INFORMATION

Spud date: 08/31/2013	Date of first production after rig released: 10/10/2013
Date plug back, deepening, recompletion, or drilling operation commenced: 08/31/2013	Date plug back, deepening, recompletion, or drilling operation ended: 09/21/2013
Number of producing wells on this lease in this field (reservoir) including this well: 2	Distance to nearest well in lease & reservoir (ft.): 1362.0
Total number of acres in lease: 305.70	Elevation (ft.): 3331 GL
Total depth TVD (ft.): 7126	Total depth MD (ft.): 11310
Plug back depth TVD (ft.):	Plug back depth MD (ft.):
Was directional survey made other than inclination (Form W-12)? Yes	Rotation time within surface casing (hours):
Recompletion or reclass? No	Is Cementing Affidavit (Form W-15) attached? Yes
Type(s) of electric or other log(s) run: Neutron/Density logs (combo of tools)	Multiple completion? No
Electric Log Other Description: COMPENSATED NEUTRON LOG W/GAMMA RAY/CCL	
Location of well, relative to nearest lease boundaries	Off Lease : No
of lease on which this well is located: 150.0 Feet from the South Line and 850.0 Feet from the West Line of the UNIVERSITY B11 '5' Lease.	

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

Field & Reservoir	Gas ID or Oil Lease No.	Well No.	Prior Service Type
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W2: N/A

PACKET: N/A

FOR NEW DRILL OR RE-ENTRY, SURFACE CASING DEPTH DETERMINED BY:

GAU Groundwater Protection Determination

Depth (ft.):

Date: 07/23/2013

SWR 13 Exception

Depth (ft.):

INITIAL POTENTIAL TEST DATA FOR NEW COMPLETION OR RECOMPLETION

Date of test: 10/13/2013

Production method: Pumping

Number of hours tested: 24

Choke size:

Was swab used during this test? No

Oil produced prior to test: 30.00

PRODUCTION DURING TEST PERIOD:

Oil (BBLs): 110.00

Gas (MCF): 108

Gas - Oil Ratio: 981

Flowing Tubing Pressure:

Water (BBLs): 2498

CALCULATED 24-HOUR RATE

Oil (BBLs): 110.0

Gas (MCF): 108

Oil Gravity - API - 60.: 36.4

Casing Pressure:

Water (BBLs): 2498

CASING RECORD											
Row	Type of Casing	Casing	Hole	Setting	Multi -	Multi -	Cement	Slurry	Top of	TOC	
		Size	Size	Depth	Stage Tool	Stage Shoe	Amount	Volume	Cement	Determined	
		(in.)	(in.)	(ft.)	Depth (ft.)	Depth (ft.)	Class	(sacks)	(cu. ft.)	(ft.)	By
1		9 5/8	12 1/4	1508			CLASS C	600	6604.0	SURF ACE	
2		7	8 3/4	7402			CLASS C	1100	1160.0	SURF ACE	

LINER RECORD									
Row	Liner Size (in.)	Hole Size (in.)	Liner Top (ft.)	Liner Bottom (ft.)	Cement Class	Cement Amount (sacks)	Slurry Volume (cu. ft.)	Top of Cement (ft.)	TOC Determined By
1	7		6972	11273					

TUBING RECORD			
Row	Size (in.)	Depth (ft.)	Packer Depth (ft.)/Type
1	2 7/8	6574	/

PRODUCING/INJECTION/DISPOSAL INTERVAL			
Row	Open hole?	From (ft.)	To (ft.)
1	No	L1 7446	11260.0

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

Was hydraulic fracturing treatment performed? Yes

Is well equipped with a downhole actuation sleeve? No

If yes, actuation pressure (PSIG):

Production casing test pressure (PSIG) prior to hydraulic fracturing treatment:

Actual maximum pressure (PSIG) during hydraulic fracturing:

Has the hydraulic fracturing fluid disclosure been reported to FracFocus disclosure registry (SWR29)? Yes

Row	Type of Operation	Amount and Kind of Material Used	Depth Interval (ft.)
1		1,540,000 G. X-LINK W/423,500# 100 MESH, 808,500# WHITE & 231,000# 20/40 SB EXCEL	7446 11260

FORMATION RECORD					
<u>Formations</u>	<u>Encountered</u>	<u>Depth TVD (ft.)</u>	<u>Depth MD (ft.)</u>	<u>Is formation isolated?</u>	<u>Remarks</u>
YATES		2850.0	2850.0		
SAN ANDRES		4352.0	4352.0		
GLORIETTA		5406.0	5406.0		
WICHITA ALBANY		6933.0	6975.0		
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 6657'

RRC REMARKS
<div><b>PUBLIC COMMENTS:</b><div>[RRC Staff 2014-02-11 17:09:06.079] EDL=3814 feet, max acres=280</div></div> <div><b>CASING RECORD :</b></div> <div><b>TUBING RECORD:</b></div> <div><b>PRODUCING/INJECTION/DISPOSAL INTERVAL :</b></div> <div><b>ACID, FRACTURE, CEMENT SQUEEZE, CAST IRON BRIDGE PLUG, RETAINER, ETC. :</b></div> <div><b>POTENTIAL TEST DATA:</b></div>

OPERATOR'S CERTIFICATION	
Printed Name: Sue Hearon	Title: Analyst
Telephone No.: (903) 561-2900	Date Certified: 11/08/2013

Cementor: Fill in shaded areas.  
Operator: Fill in other items.

Form W-15  
Cementing Report  
Rev. 4/1/83  
483-045

RAILROAD COMMISSION OF TEXAS  
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) <b>Mewbourne Oil Company</b>	2. RRC Operator No. <b>ADDLEY #2</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Widest or exactly as shown on RRC records) <b>ANDECTOR (WICHITA ALBANY)</b>		6. API No. <b>42-003-45534</b>	7. Drilling Permit No. <b>766820</b>
8. Lease Name <b>University B11 5</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No.	11. Well No. <b>2H</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		<b>9-02-2013</b>					
13. •Drilled hole size		<b>12 1/4</b>					
•Est. % wash or hole enlargement		<b>80%</b>					
14. Size of casing (in. O.D.)		<b>9 5/8"</b>					
15. Top of liner (ft.)		<b>SURFACE</b>					
16. Setting depth (ft.)		<b>1508'</b>					
17. Number of centralizers used		<b>12</b>					
18. Hrs. waiting on cement before drill out		<b>23</b>					
1st Slurry	19. API cement used: No. of sacks ▶	<b>400</b>					
	Class ▶	<b>C</b>					
	Additives ▶	<b>Remarks</b>					
2nd Slurry	No. of sacks ▶	<b>200</b>					
	Class ▶	<b>C</b>					
	Additives ▶	<b>2%PF01</b>					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶	<b>892</b>					
	Height (ft.) ▶	<b>2850</b>					
2nd	Volume (cu. ft.) ▶	<b>268</b>					
	Height (ft.) ▶	<b>856</b>					
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?		<b>YES</b>					
22. Remarks <b>Remarks=35/65 Poz/C+5%(BWOW)PF44+4%PF20+.6%PF79+5%PF61+5ppsPF42+.125ppsPF29+.4ppsPF46</b>							

OVER

RECEIVED  
RRC OF TEXAS

JUL 22 2013

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION  
CERTIFICATE OF COMPLIANCE STATEWIDE RULE 36

O&G  
Midland

FORM H-9  
12/12/77

FILE WITH  
DISTRICT OFFICE  
IN TRIPLICATE

1. Operator Mewbourne Oil Company			2. Operator Number (See Instruction 13) 562560		3. RRC Dist. 08
4. Street or P. O. Box No. P. O. Box 7698			5. City Tyler	6. State TX	7. Zip Code 75711
8. Name of Lease, Facility or Operation University B11 "5" #2H			9. Field or Area Name Andector (Wichita Albany)		10. County Andrews
11. General Operation Type - Circle One: A - Oil Field Production      B - Gas Field Production C - Pipeline or Gathering Sys.      D - Gasoline Plant <u>E - Drilling or Workover</u> F - Sweetening Unit G - Combination (explain)      H - Other (explain)			Other Explanation		
12. RRC ID# of Operation(s) to be Covered by This Certificate Pending-766820			Type ID Code (See Instruction 12) 5	Indicate if Filing for Storage Facility Only YES      NO ✓	
13. Hydrogen Sulfide Concentration 50,000 PPM			14. Maximum Escape Volume 10 MCF/Day		
15. 100 PPM Radius of Exposure (ROE) 65 Ft.			16. 500 PPM Radius of Exposure (ROE) 30 Ft.		
17. Operation is Existing <input type="checkbox"/> New <input checked="" type="checkbox"/>			18. Modification Resulting in Certificate Change Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
19. Workover or Drilling Well with 100 PPM ROE Greater than 3000' feet on Rule 36 Certified Well/Lease			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
20. Previous Certificate Number if Available (For Amended Certificates)					
21. The 100 PPM ROE includes any part of a public area except a public road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
22. The 500 PPM ROE includes any part of a public road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
23. Injection of fluid containing Hydrogen Sulfide (See Instruction 14) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
24. Date (or Depth) of Compliance with all applicable provisions of Rule 36 Mo      Day      19      Year 3600      1760 Ft. from Surface					
25. Contingency Plan Location of Plan (See Instruction 15) Has been prepared Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
26. Location of data used to prepare this certificate (See Instruction 15) Mewbourne, 3620 Old Bullard Rd. Tyler, TX. 75701					

**CERTIFICATE**

I declare under penalties prescribed in Section 91.143, Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision, and that I am qualified to make this certification by virtue of my training and experience, and by my analysis of the operation being certified, or by the analysis of qualified person working under my supervision, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Sue Hearon Engineering Tech. (903) 939-7424 07/19/13  
Representative of Company Title Phone No. Date

RAILROAD COMMISSION USE ONLY

This operation and the equipment used therein is approved on the basis of the above certification and is subject to further Commission audit for compliance with the required provisions of Statewide Rule 36. This approval may be cancelled if investigation determines that the operation does not comply with the provisions of Statewide Rule 36.

APPROVED BY: Jim Felt

DATE: JUL 30 2013

REMARKS:

CERTIFICATION NUMBER: 076315



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. (lbs. gal)								
31. Type cement								

**CEMENTER'S CERTIFICATE:** I declare under penalties prescribed 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.

**SALVADOR ALVAREZ**

**Par Five Energy LLC**

Name and title of cementer's representative

Cementing Company

Signature

11279 Lovington Highway

Artesia NM 8821

575-748-8610

9 02 2013

Address

City

State

Zip Code

Tel. Area Code

Number

Date: mo.

day

yr

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

**F. C. LATHAN**

**DRUG SUPT.**

**F. C. Lathan**

Typed or printed name of operator's representative

Title

Signature

P.O. Box 5270

HOBBS NM 88241

575-393-5905

09 04 2013

Address

City

State

Zip Code

Tel. Area Code

Number

Date: mo.

day

yr

### Instructions to Form W-15, Cementing Report

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

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

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- **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 Commission.

**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 nondeviated 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 (b) (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 feet 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.

**Form W-15**  
**Cementing Report**  
Rev. 4/1/83  
483-045

**RAILROAD COMMISSION OF TEXAS**  
Oil and Gas Division

1. Operator's Name (As shown on Form P-5, Organization Report) <b>MENBOURNE Oil Co</b>	2. RRC Operator No. <b>LINDA #8</b>	3. RRC District No. <b>08</b>	4. County of Well Site <b>ANDREWS</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>ANDECTOR (WICHITA ALBANY)</b>		6. API No. <b>42-003-45534</b>	7. Drilling Permit No. <b>766820</b>
8. Lease Name <b>UNIVERSITY B11- S</b>	9. Rule 37 Case No.	10. Oil Lease Gas ID No.	11. Well No. <b>2H</b>

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date			<b>9/10/13</b>				
13. •Drilled hole size			<b>8 3/4"</b>				
•Est. % wash or hole enlargement			<b>80%</b>				
14. Size of casing (In. O.D.)			<b>7"</b>				
15. Top of liner (ft.)			<b>SURFACE</b>				
16. Setting depth (ft.)			<b>7402'</b>				
17. Number of centralizers used							
18. Hrs. waiting on cement before drill out			<b>24</b>				
<b>1st Slurry</b>	19. API cement used: No. of sacks ▶		<b>700</b>				
	Class ▶		<b>C</b>				
	Additives ▶		<b>POZ+ADD</b>				
<b>2nd Slurry</b>	No. of sacks ▶		<b>400</b>				
	Class ▶		<b>C</b>				
	Additives ▶		<b>POZ+ADD</b>				
<b>3rd Slurry</b>	No. of sacks ▶						
	Class ▶						
	Additives ▶						
<b>1st</b>	20. Slurry pumped: Volume (cu. ft.) ▶		<b>5748</b>				
	Height (ft.) ▶		<b>1799</b>				
<b>2nd</b>	Volume (cu. ft.) ▶		<b>856</b>				
	Height (ft.) ▶		<b>268</b>				
<b>3rd</b>	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
<b>Total</b>	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?			<b>YES</b>				

22. Remarks

OVER ►

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. (lbs/gal)								
31. Type cement								

CEMENTER'S CERTIFICATE: I declare under penalties prescribed 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.

**TRAVIS KELSEY**

**Par Five Energy LLC**

Name and title of cementer's representative

Cementing Company

Signature

11297 Lovington Highway

Artesia NM 88210

575-748-8610

09/10/2013

Address

City

State Zip Code

Tel: Area Code Number

Date: mo. day yr.

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

LARRY JOHNSON  
Typed or printed name of operator's representative

DRUG CONSULTANT  
Title

Larry Johnson  
Signature

Address

City

State Zip Code

Tel: Area Code Number

Date: mo. day yr.

### Instructions to Form W-15, Cementing Report

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

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

- An initial oil or gas completion report, **Form W-2 or G-1**, as required by Statewide or special field rules;
- **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 Commission.

**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 nondeviated 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 (b) (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 feet 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.



Tracking No.: 89312

*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: MEWBOURNE OIL COMPANY	District No. 08	Completion Date: 10/10/2013
Field Name ANDECTOR (WICHITA ALBANY)	Drilling Permit No. 766820	
Lease Name UNIVERSITY B11 '5'	Lease/ID No. 42683	Well No. 2H
County ANDREWS	API No. 42- 003-45534	

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). \_\_\_\_\_

Sue Hearon

Signature

MEWBOURNE OIL COMPANY

Name (print)

Analyst

Title

(903) 561-2900

Phone

10/28/2013

Date

-FOR RAILROAD COMMISSION USE ONLY-



# Compensated Neutron Log W/Gamma Ray/CCL

Company Mewbourne Oil Company Well University B11 5 #2 Field Andector ( Wichita Albany) County Andrews State Texas	Company		Mewbourne Oil Company				
	Well		University B11 5 #2				
	Field		Andector ( Wichita Albany)				
	County		Andrews	State Texas			
	Location:		API #: 42-003-45534				
		150' FSL & 850' FWL Sec. 5, Blk. 11-UL(M)					
		SEC -- TWP -- RGE --					
Permanent Datum		Ground Level	Elevation 3331'	Other Services  None  Elevation K.B. 3348.5' D.F. 3347.5' G.L. 3331'			
Log Measured From		Kelly Bushing	17.5' A.P.D				
Drilling Measured From		Kelly Bushing					
Date		11-Sep-2013					
Run Number		One					
Depth Driller		7402'					
Depth Logger		6600'					
Bottom Logged Interval		6599'					
Top Log Interval		Surface					
Open Hole Size		8.75"					
Type Fluid		Water					
Density / Viscosity		8.4					
Max. Recorded Temp.		NR					
Estimated Cement Top		NR					
Time Well Ready		07:30					
Time Logger on Bottom		08:00					
Equipment Number		P-116					
Location		Midland					
Recorded By		B. Miller					
Witnessed By		L. Johnson					
Borehole Record				Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
Casing Record		Size	Wgt/Ft	Top	Bottom		
Surface String		9.625"	36#	Surface	1508'		
Prot. String		7.0"	26#	Surface	7397'		
Production String							
Liner							
Short Joints							

<<< Fold Here >>>

RECEIVED  
RRC OF TEXAS

JUL 22 2013

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISION  
CERTIFICATE OF COMPLIANCE STATEWIDE RULE 36

O&G  
Midland

FORM H-9  
12/12/77

FILE WITH  
DISTRICT OFFICE  
IN TRIPLICATE

1. Operator Mewbourne Oil Company			2. Operator Number (See Instruction 13) 562560		3. RRC Dist. 08
4. Street or P. O. Box No. P. O. Box 7698			5. City Tyler	6. State TX	7. Zip Code 75711
8. Name of Lease, Facility or Operation University B11 "5" #2H			9. Field or Area Name Andector (Wichita Albany)		10. County Andrews
11. General Operation Type - Circle One: A - Oil Field Production      B - Gas Field Production C - Pipeline or Gathering Sys.      D - Gasoline Plant <u>E - Drilling or Workover</u> F - Sweetening Unit G - Combination (explain)      H - Other (explain)			Other Explanation		
12. RRC ID# of Operation(s) to be Covered by This Certificate Pending-766820			Type ID Code (See Instruction 12) 5	Indicate if Filing for Storage Facility Only YES      NO ✓	
13. Hydrogen Sulfide Concentration 50,000 PPM			14. Maximum Escape Volume 10 MCF/Day		
15. 100 PPM Radius of Exposure (ROE) 65 Ft.			16. 500 PPM Radius of Exposure (ROE) 30 Ft.		
17. Operation is Existing <input type="checkbox"/> New <input checked="" type="checkbox"/>			18. Modification Resulting in Certificate Change Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
19. Workover or Drilling Well with 100 PPM ROE Greater than 3000' feet on Rule 36 Certified Well/Lease			Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
20. Previous Certificate Number if Available (For Amended Certificates)					
21. The 100 PPM ROE includes any part of a public area except a public road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
22. The 500 PPM ROE includes any part of a public road Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
23. Injection of fluid containing Hydrogen Sulfide (See Instruction 14) Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
24. Date (or Depth) of Compliance with all applicable provisions of Rule 36 Mo      Day      19      Year 3600      1760 Ft. from Surface					
25. Contingency Plan Location of Plan (See Instruction 15) Has been prepared Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>					
26. Location of data used to prepare this certificate (See Instruction 15) Mewbourne, 3620 Old Bullard Rd. Tyler, TX. 75701					

**CERTIFICATE**

I declare under penalties prescribed in Section 91.143, Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision, and that I am qualified to make this certification by virtue of my training and experience, and by my analysis of the operation being certified, or by the analysis of qualified person working under my supervision, and that the data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Sue Hearon Engineering Tech. (903) 939-7424 07/19/13  
Representative of Company Title Phone No. Date

RAILROAD COMMISSION USE ONLY

This operation and the equipment used therein is approved on the basis of the above certification and is subject to further Commission audit for compliance with the required provisions of Statewide Rule 36. This approval may be cancelled if investigation determines that the operation does not comply with the provisions of Statewide Rule 36.

APPROVED BY: Jim Felt

DATE: JUL 30 2013

REMARKS:

CERTIFICATION NUMBER: 076315

# CERTIFICATE OF COMPLIANCE AND TRANSPORTATION AUTHORITY

P-4

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.: 89312

1. Field name exactly as shown on proration schedule <b>ANDECTOR (WICHITA ALBANY)</b>		2. Lease name as shown on proration schedule <b>UNIVERSITY B11 '5'</b>																																													
3. Current operator name exactly as shown on P-5 Organization Report <b>MEWBOURNE OIL COMPANY</b>		4. Operator P-5 no. <b>562560</b>	5. Oil Lse/Gas ID no <b>42683</b>	6. County <b>ANDREWS</b>	7. RRC district <b>08</b>																																										
8. Operator address including city, state, and zip code <b>BOX 7698 TYLER, TX 75711</b>		9. Well no(s) <i>(see instruction E)</i> <b>2H</b>																																													
12. Purpose of Filing. (Complete section a or b below.) <i>(See instructions B and G)</i> <b>a. Change of:</b> <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>b. New RRC Number for:</b> <input checked="" type="checkbox"/> oil lease <input type="checkbox"/> gas well <b>Due to:</b> <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"/> other well (specify) _____ <input type="checkbox"/> consolidation, unitization, or subdivision (oil lease only)		10. Classification <input checked="" type="checkbox"/> Oil <input type="checkbox"/> Gas <input type="checkbox"/> Other <i>(see instruction A)</i>		11. Effective Date <b>10/10/2013</b>																																											
13. Authorized GAS WELL GAS or CASINGHEAD GAS Gatherer(s) and/or Purchaser(s). <i>(See instruction G).</i> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 5%;">Gatherer</th> <th style="width: 5%;">Purchaser</th> <th style="width: 65%;">Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i></th> <th style="width: 10%;">Purchaser's RRC Assigned System Code</th> <th style="width: 10%;">Percent of Take</th> <th style="width: 5%;">Full-well stream</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">X</td> <td style="text-align: center;">X</td> <td>DCP MIDSTREAM, LP(195918)</td> <td>0001</td> <td>100.0</td> <td></td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>						Gatherer	Purchaser	Name of GAS WELL GAS or CASINGHEAD GAS Gatherer(s) or Purchaser(s) As Indicated in Columns to the Left <i>(Attach an additional sheet in same format if more space is needed)</i>	Purchaser's RRC Assigned System Code	Percent of Take	Full-well stream	X	X	DCP MIDSTREAM, LP(195918)	0001	100.0																															
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<b>RRC USE ONLY:</b> Reviewer's initials: <u>RRC Staff</u> Approval date: <u>06/19/2014</u>																																															
<b>15. PREVIOUS OPERATOR CERTIFICATION FOR CHANGE OF OPERATOR P-4 FILING.</b> 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 _____ Name (print) _____ Title _____		Signature <input type="checkbox"/> <b>Authorized Employee of previous operator</b> <input type="checkbox"/> <b>Authorized agent of previous operator</b> <i>(see instruction G)</i> _____ Date _____ Phone with area code _____																																													
<b>16. CURRENT OPERATOR CERTIFICATION.</b> 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.																																															
<b>MEWBOURNE OIL COMPANY</b> Name (print) <u>Analyst</u> Title <u>production@mewbourne.com</u> E-mail Address (optional)		<b>Sue Hearon</b> Signature <input checked="" type="checkbox"/> <b>Authorized Employee of current operator</b> <input type="checkbox"/> <b>Authorized agent of current operator</b> <i>(see instruction G)</i> _____ Date <u>10/30/2013</u> Phone with area code <u>(903) 561-2900</u>																																													



**Railroad Commission of Texas**  
Oil And Gas Division  
Request for Clearance of Storage Tanks  
Prior to Potential Test

Form P-8

Reference No. 16316

1. Operator's Name and Address (Exactly as shown on Form P-5 Organization Report) MEWBOURNE OIL COMPANY BOX 7698  TYLER, TX 75711-0000 2. RRC Operator Number: <u>562560</u>		3. RRC District No. 08	
		4. County of Well Site ANDREWS	
		5. API No. 42-003-45534	
6. Field Name (Wildcat or exactly as shown on RRC records) ANDECTOR (WICHITA ALBANY)		7. Drilling Permit No. 766820	
8. Rule 37 Case No. 0283825		9. Lease Name UNIVERSITY B11 '5'	
10. Oil lease No.		11. Well No. 2H	
12. Drilling completed on <u>09/17/2013</u>		13. Completion report--Form W-2 or G-1--will be filed on <u>11/01/2013</u>	
14. Oil or condensate gatherer's name and address HOLLY REFINING & MKTG CO LLC 303 W WALL STE 700 MIDLAND, TX 79701  (214) 871-3555		15. Authorization to transport oil or condensate (mark one) <input checked="" type="checkbox"/> Form P-4 attached <input checked="" type="checkbox"/> Form P-4 Filed on <u>10/04/2013</u>	
		17. Amount of oil/condensate in tanks <u>0</u> barrels on <u>10/04/2013</u>	
16. This request is for <u>4000</u> barrels of <input checked="" type="checkbox"/> crude oil OR <input type="checkbox"/> condensate			
18. Storage capacity in bbls. Tank battery <u>500</u> Test tanks <u>500</u> Total <u>1000</u>			
19. Previous request for clearance. Amount <u>0</u> barrels granted on _____			
20. Reason for current request for clearance (explain briefly) NEW WELL, CURRENTLY FLOWING BACK AFTER FRAC.			
Janet Burns		REG. TECH.	
Name of operator's representative		Title of person	
(903) 561-2900		10/04/2013	
Telephone		Date	
<b>RRC District Office Action</b>			
<b>Status:</b> Approved		<b>Barrels recommended</b> <u>9000</u>	
<b>RRC Staff</b>		<u>10/04/2013</u> Date	

Groundwater  
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date July 23, 2013

GAU File No.: SC- 15940

\*\*\*\*\* EXPEDITED APPLICATION \*\*\*\*\*

API Number 00345534

Attention: REBECCA DUNN

RRC Lease No. 000000

SC\_562560\_00345534\_000000\_15940.pdf

MEWBOURNE OIL CO  
P O BOX 7698  
TYLER TX 75711

P-5# 562560

--Measured--

Digital Map Location:

850 ft FWL

X-coord/Long 102.82765

150 ft FSL

Y-coord/Lat 32.15918

MRL: SECTION

Datum 83 Zone

County ANDREWS

Lease & Well No. UNIVERSITY B11 -5- #2H

Purpose ND

Location SUR-UL, BLK-11, SEC-5, --[TD=9000], [RRC 8],

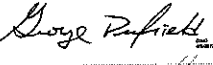
To protect usable-quality groundwater at this location, the Groundwater Advisory Unit of the Texas Railroad Commission recommends:

The interval from the land surface to a depth of 300 feet and the zone from 1050 feet to 1400 feet must be protected.

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).

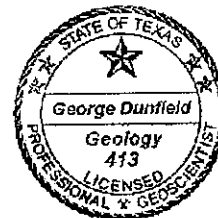
If you have any questions, please contact us at 512-463-2741, [gau@rrc.state.tx.us](mailto:gau@rrc.state.tx.us), or by mail.

Sincerely,

  
Digitally signed by George Dunfield  
DN: c=US, st=TEXAS, le=Austin, o=Railroad  
Commission of Texas, ou=Groundwater  
Advisory Unit, cn=George Dunfield,  
email=george.dunfield@rrc.state.tx.us  
Date: 2013.07.23 16:27:58 -05'00'

George Dunfield, P.G.

GEOLOGIST SEAL



The seal appearing on this document was authorized by George Dunfield on 7/23/2013  
Note: Alteration of this electronic document will invalidate the digital signature.

Geologist, Groundwater Advisory Unit  
Oil & Gas Division

0051R Transition Form  
Rev. 9/1/2011

P.O. Box 12987

Austin, Texas 78711-2987

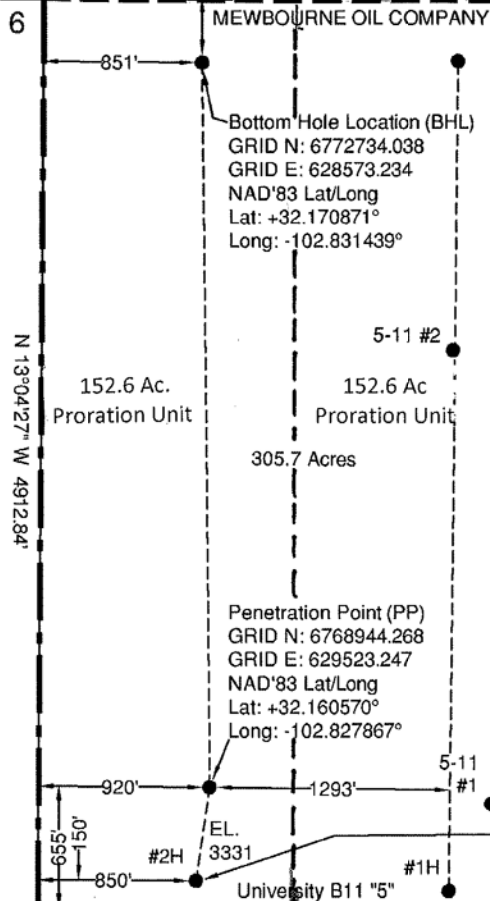
512-463-2741

Internet address: [www.rrc.state.tx.us](http://www.rrc.state.tx.us)

GRID N: 6772879.363  
GRID E: 627665.386

S 76°38'40" W 5420.95'

GRID N: 6774131.554  
GRID E: 632939.729



# Block 11 University Lands Survey Andrews County, Texas

APACHE CORPORATION

## Driving Directions to Location:

From intersection of Highway 115 and Highway 176 in Andrews, Texas;  
Drive West on Hwy 115, 18.5 miles to SW 7601;  
Turn right (North) on SW 7601, drive 0.2 miles to a lease road;  
Turn left (West) on to lease road, drive 0.6 miles to  
Lat: 32°09'21.91", Long: 102°49'20.07";  
Location is right (Northwest) 2005 feet.

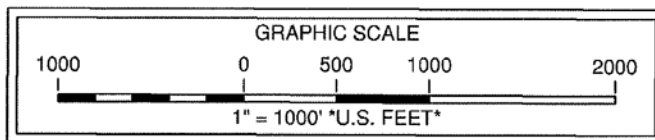
## LATERALS

SHL - PP N 05°14'02" W 509.83'  
PP - BHL N 14°04'22" W 3907.03'  
SHL - BHL N 13°03'19" W 4411.50'

## Surface Hole Location (SHL)

GRID N: 6768436.568  
GRID E: 629569.754  
NAD'83 Lat/Long  
Lat: +32.159181°  
Long: -102.827649°

GRID N: 6769347.307  
GRID E: 634049.691



Note: Well location is 19.8 miles Southwest of the city of Andrews, Texas.

Note: Survey Reconstruction filed in the Office of Pennell & Marlowe Land Surveyors, Inc.

Note: Bearings and distances are based on The Texas Coordinate System of 1983, North Central Zone.

Note: Coordinates shown herein are on The Texas Coordinate System of 1983, North Central Zone.

Revised 9/20/2013 (JFG)  
USGS Quadrangle Sheet: Sand Ranch, Tex.

Railroad Commission Permit Plat

MEWBOURNE OIL COMPANY  
University B11 "5" #2H (As Drilled)  
150' FROM SOUTH LINE  
850' FROM WEST LINE  
University B11 "5" Lease  
305.7 Acres being the W/2 of  
Section 5, Block 11  
University Lands Survey  
Andrews County, Texas

Scale: 1" = 1000'



July 3, 2013

130703M-KRM

REGISTERED PROFESSIONAL LAND SURVEYOR NO. 5715

P.O. Box 51887, Midland, Texas, 79710 (432) 262-0901 Fax (432) 262-0679