

RAILROAD COMMISSION OF TEXAS

Tracking No.: 82331

Status: Work in Progress

Oil and Gas Division

This facsimile W-2 was generated electronically
from data submitted to the RRC.

API No. **42- 003-44877**

7. RRC District No.

08

8. RRC Lease No.

40003

Oil Well Potential Test, Completion or Recompletion Report, and Log

1. FIELD NAME (as per RRC Records or Wildcat)

MARTIN (CONSOLIDATED)

2. LEASE NAME

PHILLIPS-UNIVERSITY

9. Well No.

7

3. OPERATOR'S NAME (Exactly as shown on Form P-5, Organization Report)

JM COX RESOURCES, L.P.

RRC Operator No.

433075

10. County of well site

ANDREWS

4. ADDRESS

BOX 2217 MIDLAND, TX 79702-0000

11. Purpose of filing

Initial Potential ☒

Retest ☐

Reclass ☐

Well record only
(Explain in remarks) ☐

5. If Operator has changed within last 60 days, name former operator

6a. Location (Section, Block, and Survey)

12 , 11 , UL

6b. Distance and direction to nearest town in this county.

16 MILES SW ANDREWS

12. If workover or reclass, give former field (with reservoir) & Gas ID or oil lease no.

FIELD & RESERVOIR

GAS ID or

OIL LEASE #

Oil-O

Gas-G

Well #

N/A

13. Type of electric or other log run

Combo of Induction/Neutron/Density

14. Completion or recompletion date

01/16/2013

SECTION I- POTENTIAL TEST DATA IMPORTANT: Test should be for 24 hours unless otherwise specified infield rules.

15. Date of test 08/07/2013	16. No. of hours tested 24	17. Production method (Flowing, Gas Lift, Jetting, Pumping- Size & Type of pump) Pumping			18. Choke size
19. Production during Test Period	Oil - BBLS 20.0	Gas - MCF 110	Water - BBLS 120	Gas - Oil Ratio 5500	Flowing Tubing Pressure PSI
20. Calculated 24-Hour Rate	Oil - BBLS 20.0	Gas - MCF 110	Water - BBLS 120	Oil Gravity-API-60 ° 45.8	Casing Pressure PSI
21. Was swab used during this test? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		22. Oil produced prior to test (New & Reworked wells) 3442.0			23. Injection Gas-Oil Ratio
REMARKS: N/A					

INSTRUCTIONS: File an original and one copy of the completed Form W-2 in the appropriate RRC District Office within 30 days after completing a well and within 10 days after a potential test. If an operator does not properly report the results of a potential test within the 10-day period, the effective date of the allowable assigned to the well will not extend back more than 10 days before the W-2 was received in the District Office. (Statewide Rules 16 and 51) To report a completion or recompletion, fill in both sides of this form. To report a retest, fill in only the front side.

WELL TESTERS CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I conducted or supervised this test by observation of (a) meter readings or (b) the top and bottom gauges of each tank into which production was run during the test. I further certify that the potential test data shown above is true, correct, and complete, to the best of my knowledge.

Signature: Well Tester

Name of Company

RRC Representative

OPERATOR'S CERTIFICATION

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, and that data and facts stated therein are true, correct and complete, to the best of my knowledge.

JM COX RESOURCES, L.P.

Type or printed name of operator's representative

(432) 682-9435

Telephone: Area Code

Number

08/12/2013

Month Day Year

prod acct manager

Title of Person

sherry milam

Signature

SECTION III										ON WELL COMPLETION AND LOG (Not Required on R)									
24. Type of Completion New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>										25. Permit to Drill, Plug Back or Deepen <input checked="" type="checkbox"/> Rule 37 Exception <input type="checkbox"/> DATE: 11/08/2012 PERMIT NO. 750843 CASE NO.									
26. Notice of Intention to Drill this well was filed in Name of JM COX RESOURCES, L.P.										PERMIT NO. Water Injection Permit PERMIT NO. Salt Water Disposal Permit PERMIT NO. Other PERMIT NO.									
27. Number of producing wells on this lease in this field (reservoir) including this well 6					28. Total number of acres in this lease 168.81														
29. Date Plug Back, Deepening, Workover or Drilling Operations: 12/08/2012		Commenced 12/16/2012		Completed 12/16/2012		30. Distance to nearest well, Same Lease & Reservoir 687.0													
31. Location of well, relative to nearest lease boundaries 330.0 Feet From East Line and 1120.0 Feet from South Line of the PHILLIPS UNIVERSITY Lease																			
32. Elevation (DF, RKB, RT, GR ETC.) 3306 GR										33. Was directional survey made other than inclination (Form W-12)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No									
34. Top of Pay 5540		35. Total Depth 6868		36. P. B. Depth 6868		37. Surface Casing Determined by Field Rules <input type="checkbox"/> Recommendation of T.D.W.R. <input checked="" type="checkbox"/> Railroad Commission (Special) <input type="checkbox"/>		Dt. of Letter 11/08/2012											
38. Is well multiple completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																			
39. If multiple completion, list all reservoir names (completions in this well) and Oil Lease or Gas ID No. FIELD & RESERVOIR										GAS ID or OIL LEASE #		Oil-G Gas-G		Well #					
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>										41. Name of Drilling Contractor PATTERSON UTI					42. Is Cementing Affidavit Attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No				
43. CASING RECORD (Report All Strings Set in Well)																			
CASING SIZE		WT #/FT.		DEPTH SET		MULTISTAGE TOOL DEPTH		TYPE & AMOUNT CEMENT (sacks)		HOLE SIZE		TOP OF CEMENT		SLURRY VOL. cu. ft.					
8 5/8		32.0		1470				C & CZ 805		12 1/4		CIRCL		1245.0					
5 1/2		17.0		6868				C/POZ & C 1760		7 7/8		2216 TS		3781.0					
44. LINER RECORD																			
Size		Top		Bottom		Sacks Cement				Screen									
N/A																			
45. TUBING RECORD										46. Producing Interval (this completion) Indicate depth of perforation or open hole									
Size		Depth Set		Packer Set		From		5540		To		5680							
2 3/8		5450				From		5763		To		6058							
						From		6166		To		6446							
						From		6642		To		6848							
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																			
Depth Interval						Amount and Kind of Material Used													
5540.0		5680.0				FRAC W 908 BBLS 20# X-LINK GEL AND 115,208 LBS 20/40 BROWN SAND													
5763.0		6058.0				FRAC W 1101 BBLS 20# X-LINK GEL AND 130,106 LBS 20/40 BROWN SAND													
6166.0		6446.0				FRAC W 1128 BBLS 20# X-LINK GEL AND 130,103 LBS 20/40 BROWN SAND													
6642.0		6848.0				SPEARHEAD 1000 GAL ACID AND FRAC W 668 BBLS 20# X-LINK GEL AND 57,495 LBS 20/40 BROWN SAND													
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)																			
Formations		Depth		Formations		Depth		Formations		Depth		Formations		Depth					
CLEARFORK		5590.0																	
REMARKS: N/A																			

Tracking No.: 82331

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: JM COX RESOURCES, L.P.	District No. 08	Completion Date: 01/16/2013
Field Name MARTIN (CONSOLIDATED)	Drilling Permit No. 750843	
Lease Name PHILLIPS-UNIVERSITY	Lease/ID No. 40003	Well No. 7
County ANDREWS	API No. 42- 003-44877	

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). _____

sherry milam

Signature

JM COX RESOURCES, L.P.

Name (print)

prod acct manager

Title

(432) 682-9435

Phone

08/12/2013

Date

-FOR RAILROAD COMMISSION USE ONLY-

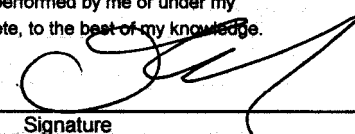
RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) JM Cox Resources, L.P.	2. RRC Operator No. 433075	3. RRC District No. 8	4. County of Well Site Andrews
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Martin (Consolidated)	6. API No. 42-003-44877	7. Drilling Permit No. 750843	
8. Lease Name Phillips University	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 40003	11. Well No. 5

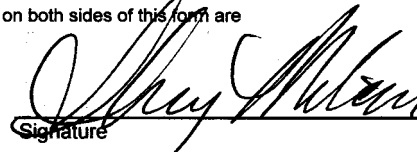
CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date		12/8/2012					
13. *Drilled hole size		12 1/4					
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)		8 5/8					
15. Top of liner (ft)							
16. Setting depth (ft)		1470					
17. Number of centralizers used		3					
18. Hrs. waiting on cement before drill-out		36					
1st Slurry	19. API cement used: No. of sacks ▶	490					
	Class ▶	CZ					
	Additives ▶	REMARKS					
2nd Slurry	No. of sacks ▶	315					
	Class ▶	C					
	Additives ▶	REMARKS					
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶	823					
	Height (ft.) ▶	1994					
2nd	Volume (cu.ft.) ▶	422					
	Height (ft.) ▶	1023					
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶	1245					
	Height (ft.) ▶	3017					
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?		Y					
22. Remarks LEAD:N/A TAIL:1% CALCIUM CHLORIDE						Sales Order 900061829 Customer Name JM COX RESOURCES LP - EBUS Lease Phillips University Well Number 7 Andrews County	

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.

<u>SERVICE SUPERVISOR FRANCISCO RUIZ</u>		<u>Halliburton Energy Services</u>	
Name and Title of Cemente's Representative		Cementing Company	Signature
<u>6155 W MURPHY</u>	<u>ODESSA TX</u>	<u>79763</u>	<u>800-844-8451</u>
Address	City State,	Zip Code	Tel: Area Code Number
			<u>12/8/2012</u>
			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.

<u>Sherry Milam</u>		<u>Production Account Manager</u>	
Typed or Printed Name of Operator's Representative		Title	Signature
<u>P.O. Box 2217</u>	<u>Midland TX</u>	<u>79702</u>	<u>432-682-9435</u>
Address	City, State,	Zip Code	Tel: Area Code Number
			<u>8-12-13</u>
			Date: Mo. Day Yr.

Instruction 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.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

1. Operator's Name (As Shown on Form P-5, Organization Report) JM Cox Resources, L.P.	2. RRC Operator No. 433075	3. RRC District No. 8	4. County of Well Site Andrews
5. Field Name (Wildcat or Exactly as Shown on RRC Records) Martin (Consolidated)	6. API No. 42-003-44877	7. Drilling Permit No. 750843	
8. Lease Name Phillips University	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 40003	11. Well No. 5

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date						12/16/2012	12/16/2012
13. *Drilled hole size						7 7/8	
*Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)						5 1/2	
15. Top of liner (ft)							
16. Setting depth (ft)						6868	
17. Number of centralizers used						12	
18. Hrs. waiting on cement before drill-out							
1st Slurry	19. API cement used: No. of sacks ▶					1300	360
	Class ▶					class C / poz	class C / poz
	Additives ▶					see remarks	see remarks
2nd Slurry	No. of sacks ▶					100	
	Class ▶					class C	
	Additives ▶					NONE	
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu.ft.) ▶					3198	450
	Height (ft.) ▶					18447	2573
2nd	Volume (cu.ft.) ▶					133	
	Height (ft.) ▶					777	
3rd	Volume (cu.ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu.ft.) ▶					3331	450
	Height (ft.) ▶					19224	2573
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?						NO	NO
22. Remarks						Sales Order 900068339 Customer Name JM COX RESOURCES LP - EBUS Lease Phillips University Well Number 7 Andrews County	
Stage 1 class C+poz, 2% bentonite, .6% HALAD-9,5% SALT Stage 2 class C+poz, 8.4lbm bentonite,8lbm salt, .6% Halad-9, 3lbm KOL-SEAL .25lbm D-AIR 2nd slurry class C NEAT							

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.

Craig Jones Service Supervisor
Name and Title of Cementor's Representative

Halliburton Energy Services
Cementing Company

Craig Jones
Signature

6155 W. Murphy Odessa TX 79763
Address City State, Zip Code

800-844-8451
Tel: Area Code Number

12/16/2012
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.

Sherry Milam
Typed or Printed Name of Operator's Representative

Production Account Manager
Title

Sherry Milam
Signature

P.O. Box 2217 Midland TX 79702
Address City, State, Zip Code

432-682-9435
Tel: Area Code Number

8-12-13
Date: Mo. Day Yr.

Instruction to Form W-15, Cementing Report

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- * 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.

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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.

RAILROAD COMMISSION OF TEXAS OIL AND GAS DIVISION

Form W-12

(1-1-71)

RIG #:

6. RRC District

8

INCLINATION REPORT

(One Copy Must Be Filed With Each Completion Report)

7. RRC Lease Number

(Oil completions only)
40003

1. FIELD NAME (as per RRC Records or Wildcat)

MARTIN (CONSOLIDATED)

2. LEASE NAME

PHILLIPS UNIVERSITY

8. Well Number

7

3. OPERATOR

JM COX RESOURCES, L.P.

9. RRC Identification

Number
(Gas completions only)

4. ADDRESS

P.O. BOX 2217, MIDLAND, TEXAS 79702

10. County

ANDREWS

5. LOCATION (Section, Block and Survey)

2382' FWL & 1120' FSL, SEC 12, BLK 11, UL SRVY

RECORD OF INCLINATION

*11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	*13. Angle of Inclination (Degrees)	14. Displacement per (Hundred Feet (Sine of Angle X 100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
454	4.54	0.82	1.43	6.50	6.50
954	5.00	0.61	1.06	5.32	11.82
1458	5.04	1.00	1.75	8.80	20.62
1968	5.10	0.91	1.59	8.10	28.72
2453	4.85	1.37	2.39	11.60	40.31
2953	5.00	0.58	1.01	5.06	45.37
3452	4.99	0.92	1.61	8.01	53.39
3953	5.01	0.75	1.31	6.56	59.94
4453	5.00	0.54	0.94	4.71	64.66
4929	4.76	0.25	0.44	2.08	66.73
5437	5.08	0.95	1.66	8.42	75.16
5911	4.74	0.72	1.26	5.96	81.11
6386	4.75	1.08	1.88	8.95	90.06
	0.00		0.00	0.00	0.00
	0.00		0.00	0.00	0.00
	0.00		0.00	0.00	0.00

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form?

☐ yes☒ no

18. Accumulative total displacement of well bore at total depth of

6386

feet =

90.06

feet.

*19. Inclination measurements were made in ☐ Tubing☐ Casing☐ Open hole☒ Drill Pipe

20. Distance from surface location of well to the nearest lease line

330

feet.

21. Minimum distance to lease line as prescribed by field rules

330

feet.

22. Was the subject well at any time intentionally deviated from the vertical in any manner whatsoever?

NO

(If the answer to above question is "yes," attach written explanation of the circumstances.)

INCLINATION DATA CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of the inclination data and facts placed on both side of this form and that such data and facts are true, correct, and complete to the best of my knowledge. This certification covers all data as indicated by asterisks (*) by the item numbers on this form.

Signature of Authorized Representative

Bill Childers, Field Supt.

Name of Person and Title (type or print)

JM Cox Resources, L.P.

Name of Company

Telephone: **432****682-9435**

Area Code

OPERATOR CERTIFICATION

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this certification, that I have personal knowledge of all information presented in this report, and that all data is presented on both sides of this forms are true, correct, and complete to the best of my knowledge. This certification covers all data and information presented herein except inclination data as indicated by asterisks (*) by the item numbers on this form.

Signature of Authorized Representative

Sherry Milan, Prod Acct Manager

Name of Person and Title (type or print)

JM Cox Resources, L.P.

Operator

Telephone: **432****6829435**

Area Code

Railroad Commission Use Only:

Approved By: _____

Title: _____

Date: _____

* Designates items certified by company that conducted the inclination surveys.

RECORD OF INCLINATION (Continued from reverse side)

[illegible]

If additional space is needed, attach separate sheet and check here. ☐

REMARKS:

- INSTRUCTIONS -

An inclination survey made by persons or concerns approved by the Commission shall be filed on a form prescribed by the Commission for each well drilled or deepened with rotary tools or when, as a result of any operation, the course of the well is changed. No inclination survey is required on wells that are drilled and completed as dry holes that are plugged and abandoned. (Inclination surveys are required on re - entry of abandoned wells.) Inclination surveys must be made in accordance with the provisions of Statewide Rule 11.

This report shall be filed in the District Office of the Commission for the district in which the well is drilled; by attaching one copy to each appropriate completion for the well. (except Plugging Report)

The Commission may require the submittal of the original charts, graphs, or discs, resulting from the surveys.

HALLIBURTON

THERMAL MULTIGATE DECAY LITHOLOGY GAMMA RAY / CCL LOG

Company
JM COX RESOURCES, L.P.

Well
PHILLIPS UNIVERSITY 7

Field
FUHRMAN-MASCHO

County
ANDREWS

State
TEXAS

Company JM COX RESOURCES, L.P.

Well PHILLIPS UNIVERSITY 7

Field FUHRMAN-MASCHO

County ANDREWS

State TEXAS

API No.: 42-003-44877 Serv #: 900105444

Location: 2382' FWL & 1120' FSL
SECTION 12, BLOCK 11
UNIVERSITY LANDS SURVEY

Other Services

NONE

Sec: Twp: Rge:

Permanent Datum GL Elevation 3306'

Log Measured From KB 17 Ft. above perm. datum

Drilling Measured From KB

Elevation
K.B. 3323'
D.F. 3322'
G.L. 3306'

Date @ Time Logged	29 DEC 2012	Type Fluid in Hole	WATER
Run No.	ONE	Density of Fluid	N/A
Depth - Driller	6858'	Fluid Level	FULL
Depth - Logger	6871'	Cement Top Est. Logged	N/A
Bottom - Logged Interval	6865'	Equipment / Location	11824994 / ODESSA
Top - Log Interval	1500'	Recorded by	J.FRANKS
Max. Recorded Temp..	NON RECORDED	Witnessed by	B.CHILDERS
CEMENTING DATA		Surface	Protection
		String	String
Date / Time Cemented		Production	Liner
Primary / Squeeze		String	
Expected			
Compressive Strength	psi@ hrs	psi@ hrs	psi@ hrs
Cement Volume			
Cement Type / Weight	/	/	/
Formulation			
Mud Type / Mud Wgt.	/	/	/

Borehole Record				Casing & Tubing Record			
Run Number	Bit	From	To	Size	Weight	From	To
ONE	N/A	SURFACE	1520'	8.625"	N/A	SURFACE	1520'
TWO	7.875"	1520'	6858'	5.5"	17 #	SURFACE	6858'
				DV	TOOL	5001'	5004'
				SHORT	JOINT	4053'	4074'

AA 0101001



AND ASSOCIATES, LTD.

GEOLOGICAL CONSULTING / SURFACE LOGGING SERVICES

CORPUS CHRISTI TEXAS P.O. BOX 61150
MIDLAND TEXAS 79711 ROCK SPRINGS WYOMING
OFFICE (432) 563-0084 --- 24 HOURS (800) 578-1006

Company: JM COX RESOURCES, L P

API: 42-003-44877

Well: PHILLIPS UNIVERSITY #7

Field: MARTIN (CONSOLIDATED)

Drilling Contractor: PATTERSON

Location: 2382' FWL & 1120' FSL, SEC 12, BLK 11, UL SURVEY

Rig #: 487

County: ANDREWS **State:** TX

Interval: 1470 **To:** 6868

Kelly Bushing: 3323

Ground Level: 3306

Date: 12/8/12 **To:** 12/15/12

Job #: 7356

Unit: 11

Logger(s): R MERRITT S MERRITT

Phone #: 832-413-6811

CUTTINGS



ANHYDRITE



CHERT



DOLOMITE



LIMESTONE



SILTSTONE



BENTONITE



COAL



GRANITE



SALT



SAND



CALCITE



CONGLOMERATE



GRANITE WASH



SHALE



CEMENT

POROSITY - % FLUORESCENCE - TYPE CUT



NONE



TRACE



FAIR



GOOD

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date **November 8, 2012**

GAU File No.: SC- **15484**

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

API Number **00344877**

Attention: **SHERRY MILAM**

RRC Lease No. **000000**

SC_433075_00344877_000000_15484.pdf

**JM COX RESOURCES L P
P O BOX 2217
MIDLAND TX 79702**

--Measured--

2382 ft FWL

1120 ft FSL

MRL:SECTION

Digital Map Location:

X-coord/Long **102.75200**

Y-coord/Lat **32.16460**

Datum **83** Zone

P-5# 433075

County **ANDREWS**

Lease & Well No. **PHILLIPS UNIVERSITY #7**

Purpose **ND**

Location **SUR-UL, BLK-11, SEC-12, -- [TD=7000], [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 250 feet and the ZONE from 1025 feet to 1375 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, or by mail.

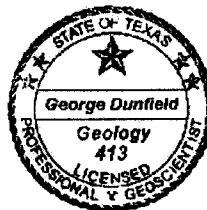
Sincerely,

George Dunfield

Digitally signed by George Dunfield
DN: c=US, st=TEXAS, l=Austin, o=Railroad
Commission of Texas, cn=George Dunfield,
email=george.dunfield@rrc.state.tx.us
Date: 2012.11.08 14:22:23 -06'00'

George Dunfield, P.G.

GEOLOGIST SEAL



Geologist, Groundwater Advisory Unit
Oil & Gas Division

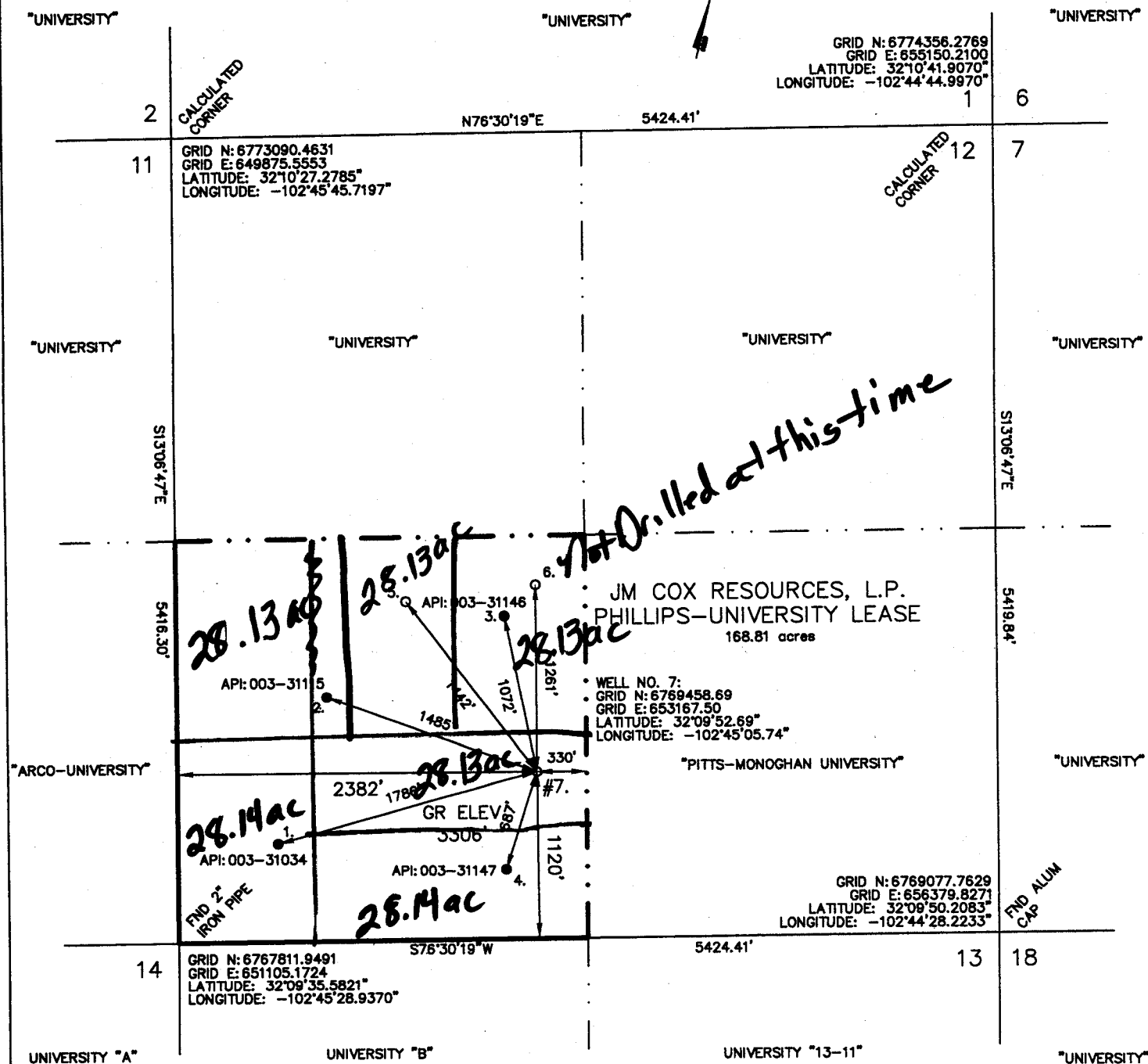
The seal appearing on this document was authorized by George Dunfield on 11/8/2012
Note: Alteration of this electronic document will invalidate the digital signature.

GRAPHIC SCALE



(IN FEET)

1 inch = 1000 ft.



NOTE:

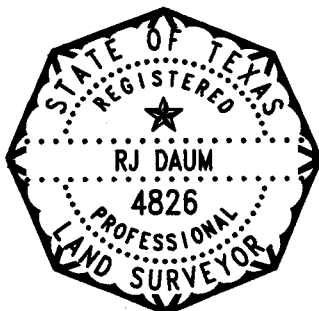
COURSES, DISTANCES AND COORDINATES SHOWN HEREON ARE LAMBERT GRID AND CONFORM TO THE "TEXAS COORDINATE SYSTEM", TEXAS NORTH CENTRAL ZONE, NORTH AMERICAN DATUM OF 1983. ALL DISTANCES AND COORDINATES ARE SHOWN IN GRID FEET.

REVISED OCTOBER 29, 2012 WELL #5 RELOCATED PER JM COX RESOURCES L.P.
REVISED OCTOBER 23, 2012 MOVED LOCATION AS PER JM COX
REVISED OCTOBER 19, 2012 ADDED PREVIOUS WELLS IN LEASE

THE UNDERSIGNED DOES HEREBY CERTIFY THAT THIS LOCATION WAS THIS DAY MADE ON THE GROUND BY ME OR UNDER MY SUPERVISION AND THAT THIS PLAT IS A CORRECT REPRESENTATION THEREOF.

DATED THIS 16TH DAY OF OCTOBER, 2012

RJ DAUM
TEXAS RLS 4826



SCHUMANN ENGINEERING CO., INC.

REGISTERED PROFESSIONAL LAND SURVEYORS
LICENSED STATE LAND SURVEYORS

REGISTERED PROFESSIONAL CIVIL ENGINEERS
TEXAS and NEW MEXICO

Civil Engineering ~ Land Surveying

408 N. PECOS STREET - P. O. BOX 504
MIDLAND, TEXAS 79702-0504

Office (432) 684-5548
Fax (432) 684-6973

LOCATION PLAT

JM COX RESOURCES, L.P.

WELL NO. 7
PHILLIPS-UNIVERSITY LEASE

1120 FEET FROM THE SOUTH AND
2382 FEET FROM THE WEST LINES

SECTION 12, BLOCK 11,
UNIVERSITY LANDS SURVEY,

ANDREWS COUNTY, TEXAS

QUAD: SAND RANCH
SCALE: 1" = 1000'

PROJECT: 73385JMR
JOB NO: 73,385-D