

RAILROAD COMMISSION OF TEXAS

Oil and Gas Division

Tracking No.: 95124

Status: Submitted

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

API No. **42- 383-38405**

7. RRC District No.

7C

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

8. RRC Lease No.

17844

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

LIN (WOLFCAMP)

2. LEASE NAME

UNIVERSITY 10

9. Well No.

3606HR

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

DEVON ENERGY PRODUCTION CO, L.P.

RRC Operator No.

216378

10. County of well site

REAGAN

4. ADDRESS

ATTN VICTORIA SANCHEZ 333 WEST SHERIDAN AVE OKLAHOMA CITY, OK 73102-5010

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)

36 , 10 , UL , A-U242

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

6.04 MI NW OF BIG LAKE

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

None

14. Completion or recompletion date

10/16/2013

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

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

INSTRUCTIONS: File an original and one copy of the completed FormW-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.

DEVON ENERGY PRODUCTION CO, L.P.

Type or printed name of operator's representative

(405) 228-8217

01/16/2014

Telephone: Area Code

Number

Month Day Year

Regulatory Specialist

Title of Person

Annette Raines

Signature

SECTION III										DATA ON WELL COMPLETION AND LOG (Not Required on Retest)			
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 DATE 08/01/2013 PERMIT NO. 767393 Rule 37 Exception CASE NO.							
26. Notice of Intention to Drill this well was filed in Name of DEVON ENERGY PRODUCTION CO, L.P.						Water Injection Permit PERMIT NO.							
27. Number of producing wells on this lease in this field (reservoir) including this well 7			28. Total number of acres in this lease 7906.26			Salt Water Disposal Permit PERMIT NO.							
29. Date Plug Back, Deepening, Workover or Drilling Operations: 08/18/2013		Commenced 10/16/2013		Completed 720.0		Other PERMIT NO.							
31. Location of well, relative to nearest lease boundaries 8591.0 Feet From North Line and 4458.0 Feet from West Line of the UNIVERSITY 10 Lease													
32. Elevation (DF, RKB, RT, GR ETC.) 271 GL				33. Was directional survey made other than inclination (Form W-12)? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
34. Top of Pay 7589 MD:7608		35. Total Depth 8136 MD:16376		36. P. B. Depth 8136 MD:16332		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 12/20/2012 Dt. of Letter					
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					
40. Intervals Drilled by: Rotary Tools <input checked="" type="checkbox"/> Cable Tools <input type="checkbox"/>						41. Name of Drilling Contractor HELMERICH & PAYNE		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.						
13 3/8	54.5	901		CLASS C 720	17 1/2	0	1260.0						
9 5/8	40.0	7188		CLASS C 1145	12 1/4	4426	1583.0						
9 5/8	40.0	7188	4426	CLASS C 1445	12 1/4	2680	2327.0						
5 1/2	17.0	16376		CLASS H 2645	8 3/4	1432	3775.0						
44. LINER RECORD													
Size		Top		Bottom		Sacks Cement		Screen					
N/A													
45. TUBING RECORD													
Size		Depth Set		Packer Set		46. Producing Interval (this completion) Indicate depth of perforation or open hole							
N/A						From N/A		To					
						From		To					
						From		To					
						From		To					
47. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
Depth Interval				Amount and Kind of Material Used									
N/A													
48. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)													
Formations		Depth		Formations		Depth							
LOWER SPRABERRY		6630.0 MD: 6630.0											
DEAN		7422.0 MD: 7440.0											
WOLFCAMP		7589.0 MD: 7608.0											
REMARKS: WRO W-2 BEING SUBMITTED - WELL NOT YET FRACKED. KOP IS @ 7,511'. THIS IS THE 7TH COMPLETION ON THIS LEASE IN THIS FIELD.													

Cement: 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

TR. # 95124

1. Operator's Name (As shown on Form P-5, Organization Report) Devon Energy Production Co., L.P.	2. RRC Operator No. 216378	3. RRC District No. 7C	4. County of Well Site REAGAN
5. Field Name (Wildcat or exactly as shown on RRC Records) LIN (Wolfcamp)		6. API No. 42-383-38405	7. Drilling Permit No. 767393
8. Lease Name UNIVERSITY 10	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17844	11. Well No. 3606HR

CASING CEMENTING DATA:			Surface Casing	INTER- MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
		Single String			Multiple Parallel Strings	Tool	Shoe	
12. Cementing Date			8/22/13					
13. • Drilled Hole Size			17 1/2					
• Est. % wash or hole enlargement								
14. Size of casing (in. O.D.)			13 3/8					
15. Top of liner (ft.)								
16. Setting depth (ft.)			901'					
17. Number of centralizers used			11					
18. Hrs. Waiting on cement before drill-out			8+					
1 st Slurry	19. API cement used: No. of sacks	720						
	Class	"C"						
	Additives	#22						
2 nd Slurry	No. of sacks							
	Class							
	Additives							
3 rd Slurry	Class							
	Additives							
1st	20. Slurry pumped: Volume (cu. ft.)	1260						
	Height (ft.)	1813						
2nd	Volume (cu. ft.)							
	Height (ft.)							
3rd	Volume (cu. ft.)							
	Height (ft.)							
Total	Volume (cu. ft.)	1260						
	Height (ft.)	1813						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?			YES					
Remarks: 1 st SLURRY CLASS "C"+2% CACI2+0.25pps CELLOFLAKE+4% GEL +.01% STATIC FREE								
CIRCULATED { 70 BBLs AT 13.5 PPG 225 SKS								

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.

JESUS LOPEZ, Service Supervisor

Name and title of cementer's representative

Baker Hughes Services Company

Cementing Company

[Signature]
Signature

P.O. Box 1135

	Eldorado	Texas	76936	(325) 853-2553	8/22/13
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.

Annette Raines

Typed or printed name of operator's representative

SR. Reg. Specialist
Title

Annette Raines
Signature

333 W. Sheridan Ave.

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 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.

Cementor: 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

TR. #95124

1. Operator's Name (As shown on Form P-5, Organization Report) DEVON ENERGY Prod. Co., L.P.		2. RRC Operator No. 216378	3. RRC District No. 7C	4. County of Well Site REAGAN
5. Field Name (Wildcat or exactly as shown on RRC Records) LIN (Wolfcamp)			6. API No. 42-383-38405	7. Drilling Permit No. 767393
8. Lease Name UNIVERSITY 10		9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17844	11. Well No. 3606 HR

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date						10/2/13	10/2/13
13. • Drilled Hole Size						12 1/4"	12 1/4"
• Est. % wash or hole enlargement							
14. Size of casing (in. O.D.)						9 5/8"	9 5/8"
15. Top of liner (ft.)							
16. Setting depth (ft.)						4426'	7,188'
17. Number of centralizers used						0	0
18. Hrs. Waiting on cement before drill-out						8+	8+
1 st Slurry	19. API cement used: No. of sacks ▶					1445	1145
	Class ▶					"C"	"C"
	Additives ▶					#22	#22
2 nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶					2327	1583
	Height (ft.) ▶					7430	5054
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶					2327	1583
	Height (ft.) ▶					7430	5054
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?						NO	NO
22. Remark: 1 st Stg Slurry: C 40/60 POZ+4%MPA5+.5%BA10A+.5%SMS+.7%R3+.125ppsCELLO+5%SALT(BWOW)+.01%STATIC FREE 2 nd Stg Slurry: C 40/60 POZ+.25%FL52+1%SMS+.5%R3+3ppsKOLSEAL+2%SALT(BWOW)+.01%STATIC FREE							

TR. #95124

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

Eldorado

Texas

76936

(325) 853-2553

10/2/2013

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.

Annette Raines

Typed or printed name of operator's representative

Sr. Reg. Specialist

Title

Annette Raines

Signature

333 W. Sheridan Ave.

OKC

OK

73102

405-228-8217

11/6/14

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 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

TR. # 95124

1. Operator's Name (As shown on Form P-5, Organization Report) DEVON ENERGY PRODUCTION Co.	2. RRC Operator No. 216378	3. RRC District No. 7C	4. County of Well Site REAGAN
5. Field Name (Wildcat or exactly as shown on RRC Records) LIN (Wolfcamp)	6. API No. 42-383-38405	7. Drilling Permit No. 767393	
8. Lease Name UNIVERSITY 10	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. 17844	11. Well No. #3606HR

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date				10/16/13			
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.)				16,376'			
17. Number of centralizers used				0			
18. Hrs. Waiting on cement before drill-out				8 +			
1 st Slurry	19. API cement used: No. of sacks ▶			520			
	Class ▶			"H"			
	Additives ▶			#22			
2 nd Slurry	No. of sacks ▶			2125			
	Class ▶			"H"			
	Additives ▶			#22			
3 rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1 st	20. Slurry pumped: Volume (cu. ft.) ▶			1051			
	Height (ft.) ▶			4160			
2 nd	Volume (cu. ft.) ▶			2724			
	Height (ft.) ▶			10784			
3 rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶			3775			
	Height (ft.) ▶			14944			
21. Was cement circulated to ground surface (or bottom of cellar) outside casing ?				NO			
Remarks: 1ST SLURRY H 65/35POZ + 6%GEL + 3%SALT(BWOW) + .05% R-21 + .125PPS CELLOFLAKE + 3 PPS KOLSEAL + .4%FL-52 + .01% STATIC FREE 2 ND SLURRY H 50/50 POZ + 5%SALT(BWOW) + .1%R3 + .3%CD-32 + .5% FL25 + .5% FL52 + .6% SMS + .01% STATIC FREE							

Tr. #95124

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.

JASON EVANS, Service Supervisor

Name and title of cementer's representative

Baker Hughes Incorporated

Cementing Company


Signature

PO BOX 1135

Address

ELDORADO

City,

TEXAS

State,

76936

Zip Code

(325) 853-2553

Tel.: Area Code

Number

10/16/2013

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.

Annette Raines

Typed or printed name of operator's representative

Sp. Reg. Specialist

Title


Signature

333 W. Sheridan Ave.

Address

OKC OK 73102

City,

State,

Zip Code

405-228-8217

Tel.: Area Code

Number

1/16/14

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.

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

ELECTRIC LOG
STATUS REPORT

FORM L-1

Tracking No.: 95124

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: DEVON ENERGY PRODUCTION CO, L.P.	District No. 7C	Completion Date: 10/16/2013
Field Name LIN (WOLFCAMP)	Drilling Permit No. 767393	
Lease Name UNIVERSITY 10	Lease/ID No. 17844	Well No. 3606HR
County REAGAN	API No. 42- 383-38405	

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). _____

Annette Raines
Signature
DEVON ENERGY PRODUCTION CO, L.P.
Name (print)

Regulatory Specialist
Title
(405) 228-8217 01/16/2014
Phone Date

-FOR RAILROAD COMMISSION USE ONLY-

Groundwater
Advisory Unit

GROUNDWATER PROTECTION DETERMINATION

Date December 20, 2012

GAU File No.: SC- 11216

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

API Number 38338155

Attention: ANNETTE RAINES

RRC Lease No. 000000

SC_216378_38338155_000000_11216.pdf

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

--Measured--

900 ft FEL

600 ft FNL

MRL:SECTION

Digital Map Location:

X-coord/Long 101.55446

Y-coord/Lat 31.22767

Datum 83 Zone

P-5# 216378

County REAGAN

Lease & Well No. UNIVERSITY 10 #3605H&PAD

Purpose ND

Location SUR-UL, BLK-10, SEC-36, --[TD=8300], [RRC 7C],

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

The interval from the land surface to a depth of 800 feet must be protected.

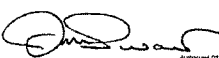
This recommendation is applicable to all wells drilled on this PAD.

University 10 #3606HR

Note: Unless stated otherwise, this recommendation is intended to apply only to the subject well and not for area-wide use. This recommendation is intended for normal drilling, production, and plugging operations only. It does not apply to saltwater disposal operation into a nonproductive zone (RRC Form W-14).

If you have any questions, please contact us at 512-463-2741, gau@rrc.state.tx.us, or by mail.

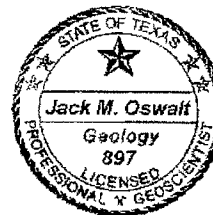
Sincerely,


Digitally signed by Jack Oswalt
DN: c=US, st=TEXAS, o=Austin, ou=Railroad
Commission of Texas, cn=Jack Oswalt,
email=jack.oswalt@rrc.state.tx.us
Date: 2012.12.20 11:21:01 -06'00'

Jack M. Oswalt, P.G.

Geologist, Groundwater Advisory Unit
Oil & Gas Division

GEOLOGIST SEAL



The seal appearing on this document was authorized by Jack M. Oswalt on 12/20/2012
Note: Alteration of this electronic document will invalidate the digital signature.