

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONFORM W-3
Rev. 12/92
FOD1296API No
42-003-06195

1. RRC District

084. RRC Lease or ID Number
01803FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH
WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING

2. FIELD NAME (as per RRC Records) Fuhrman (8500)		3. Lease Name University Consolidated V		5. Well Number 4	
6. OPERATOR Sheridan Production Company		6a. Original Form W-1 Filed in Name of: Stanolind Oil		10. County Andrews	
7. ADDRESS 200 N Loraine Ste. 530 Midland, TX 79701		6b. Any Subsequent W-1's Filed in Name of: PanAmerican Amoco		11. Date Drilling Permit Issued 3-22-45	
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is located. 660 Feet From South Line and 660 Feet From West Line of the Univ. Cons. V Lease		9b. Distance and Direction From Nearest Town in this County 13 miles NW of Andrews, TX		12. Permit Number 4-1-45	
9a. SECTION, BLOCK, AND SURVEY 20 13 University Lands		9b. Distance and Direction From Nearest Town in this County 13 miles NW of Andrews, TX		13. Date Drilling Commenced 7-5-45	
16. Type Well (Oil, Gas, Dry) Oil	Total Depth 8550'	17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s		14. Date Drilling Completed 7-5-45	
18. If Gas, Amt. of Cond. on Hand at time of Plugging		GAS ID or OIL LEASE #		Oil - O Gas - G	WELL #
					15. Date Well Plugged 7/7/17

CEMENTING TO PLUG AND ABANDON DATA:		PLUG #1	PLUG #2	PLUG #3	PLUG #4	PLUG #5	PLUG #6	PLUG #7	PLUG #8
*19. Cementing Date		7/5/17	7/6/17	7/6/17	7/6/17	7/7/17	7/7/17	7/7/17	
20. Size of Hole or Pipe in which Plug Placed (inches)		5½	5½x8¾	5½	5½x9⅝	5½x9⅝	5½x9⅝	5½x9⅝	
21. Depth to Bottom of Tubing or Drill Pipe (ft.)		6660	4400	4100	2750	1600	1150	300	
*22. Sacks of Cement Used (each plug)		25	50	25	100	45	45	100	
*23. Slurry Volume Pumped (cu. ft.)		33	66	33	132	59.4	59.4	132	
*24. Calculated Top of Plug (ft.)		6413	4275	3853	2500	1475	1050	Surface	
25. Measured Top of Plug (if tagged) (ft.)		--	4285	--	--	1470	--	Surface	
*26. Slurry Wt. #/Gal.		14.8	14.8	14.8	14.8	14.8	14.8	14.8	
*27. Type Cement		C	C	C	C	C	C	C	

28. CASING AND TUBING RECORD AFTER PLUGGING

SIZE	WT./#FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)
13½		173'	173'	17½
8⅝		3994'	3994'	12¼
5½		8548'	8548'	8¾

29. Was any Non-Drillable Material (Other than Casing) Left in This Well? ☐ Yes ☒ No

29a. If answer to above is "Yes" state depth to top of "junk" left in hole and briefly describe non-drillable material. (Use Reverse Side of Form if more space is needed.)

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS

FROM 8360'	TO 8455'	FROM	TO
FROM 8133'	TO 8167'	FROM	TO
FROM	TO	FROM	TO
FROM	TO	FROM	TO
FROM	TO	FROM	TO

I have knowledge that the cementing operations, as reflected by the information found on this form, were performed as indicated by such information.

* Designates items to be completed by Cementing Company. Items not so designated shall be completed by Operator.

Chris Romero

Signature of Cementer or Authorized Representative

Basic Energy Services

Name of Cementing Company

CERTIFICATE:

I declare under penalties prescribed in Sec. 91.143, Texas Natural Resources Code, that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

REPRESENTATIVE OF COMPANY

TITLE

DATE

Phone 4326835271

A/C

NUMBER

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

31. Was well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <div style="display: flex; align-items: center;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div>	32. How was Mud Applied? <div style="text-align: center; font-weight: bold;">Circ.</div>	33. Mud Weight <div style="text-align: center; font-weight: bold;">10#</div>						
24. Total Depth <div style="text-align: center; font-weight: bold;">8550'</div> Depth of Deepest Fresh Water <div style="text-align: center; font-weight: bold;">1550'</div>	Other Fresh Water Zones by T.D.W.R. <table style="width:100%; border-collapse: collapse;"> <tr> <td style="width:50%; text-align: center;">TOP</td> <td style="width:50%; text-align: center;">BOTTOM</td> </tr> <tr> <td style="text-align: center; font-weight: bold;">250'</td> <td style="text-align: center; font-weight: bold;">1550'</td> </tr> <tr> <td style="text-align: center; font-weight: bold;">1100'</td> <td style="text-align: center; font-weight: bold;">1550'</td> </tr> </table>	TOP	BOTTOM	250'	1550'	1100'	1550'	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <div style="display: flex; align-items: center;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div> 36. If NO, Explain
TOP	BOTTOM							
250'	1550'							
1100'	1550'							
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well. Basic Energy Services. P.O. Box 61877, Midland, Texas 79711		Date RRC District Office notified of plugging <div style="text-align: center; font-weight: bold;">6/30/17</div>						
38. Name(s) and Adresse(s) of Surface Owner of Well Site								
39. Was Notice Given Before Plugging to Each of the Above?								
FILL IN BELOW FOR DRY HOLES ONLY								
40. For Dry Holes, this Form must be accompanied by either a Driller's, Electric, Radioactivity or Acoustical/Sonic Log or such Log must be released to a Commercial Log Service.								
<div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> Log Attached </div> <div> <input type="checkbox"/> Log released to </div> <div> Date </div> </div>								
Type Logs:								
<div style="display: flex; justify-content: space-between;"> <div><input type="checkbox"/> Driller's</div> <div><input type="checkbox"/> Electric</div> <div><input type="checkbox"/> Radioactivity</div> <div><input type="checkbox"/> Acoustical/Sonic</div> </div>								
41. Date FORM P-8 (Special Clearance) Filed?								
42. Amount of Oil produced prior to Plugging bbls* * File FORM P-1 (Oil Production Report) for month this oil was produced								
R R C USE ONLY								
Nearest Field _____								

REMARKS

6/30/17—MIRU.

7/05/17—Perf @ 6600' pressure up to 1500 psi held, RRC ok'd to spot 25 sxs @ 6660' CTOC @ 6413' SIW.

7/06/17—Set pkr @ 4120' perf @ 4400' est rate 1½ BPM sqz 50 sxs CTOC @ 4275' WOC Tag @ 4285'. Set pkr @ 3680' perf @ 4050' pressure up 1500 psi, RRC ok'd to spot 25 sxs @ 4100' CTOC @ 3853'. Set pkr @ 2285' perf @ 2750' est rate of 1½ BPM sqz 100 sxs CTOC @ 2500' SIW.

7/07/17—Set pkr @ 1270' perf @ 1600' est rate of 1½ BPM sqz 45 sxs CTOC @ 1475' WOC Tag @ 1470', set pkr @ 856' perf @ 1150' est rate of 1½ BPM sqz 45 sxs CTOC @ 1050'. Perf @ 300' est rate 1½ BPM NDBOP sqz 100 sxs to surface NDWH.

7/08/17—RDMO.

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) Sheridan	2 RRC Operator No. 775854	3 RRC District No. 08	4 County of Well Site Andrews
5 Field Name (Wildcat or exactly as shown on RRC records) Fuhrman (8500)		6 API No. 42-003-0645	7 Drilling Permit No.
8 Lease Name University Cons	9 Rule 37 Case No.	10 Oil Lease/Gas ID No. 01803	11 Well No. #04

CASING CEMENTING DATA:		SURFACE CASING	INTER-MEDIATE CASING	PRODUCTION CASING		MULTI-STAGE CEMENTING PROCESS	
				Single String	Multiple Parallel Strings	Tool	Shoe
12. Cementing Date							
13. •Drilled hole size							
•Est. % wash or hole enlargement							
14. Size of casing (In. O.D.)							
15. Top of liner (ft.)							
16. Setting depth (ft.)							
17. Number of centralizers used							
18. Hrs. waiting on cement before drill out							
1st Sturry	19. API cement used: No. of sacks ▼						
	Class ▼						
	Additives ▼						
2nd Sturry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
3rd Sturry	No. of sacks ▼						
	Class ▼						
	Additives ▼						
1st	20. Slurry pumped: Volume (cu. ft.) ▼						
	Height (ft.) ▼						
2nd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
3rd	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
Total	Volume (cu. ft.) ▼						
	Height (ft.) ▼						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks Set 5.5 CIBP @ 8100' dumped 30' of cement using 5 sacks of cement.							

CEMENTING TO PLUG AND ABANDON	PLUG # 1	PLUG # 2	PLUG # 3	PLUG # 4	PLUG # 5	PLUG # 6	PLUG # 7	PLUG # 8
23 Cementing date	6/27/2017							
24 Size of hole or pipe plugged (in.)	5.5							
25 Depth to bottom of tubing or drill pipe (ft.)	8100'							
26 Sacks of cement used (each plug)	5							
27 Slurry volume pumped (cu. ft.)								
28 Calculated top of plug (ft.)	8070'							
29 Measured top of plug, if tagged (ft.)								
30 Slurry wt. (lbs./gal)	14.8							
31 Type cement	Class C							

CEMENTER'S CERTIFICATE: I declare under penalties prescribed in Sec. 81.143, 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.

Corbin Smith

RWLS

Name and title of cementer's representative

Cementing Company

Signature

P.O. Box 5986

Midland, TX 79704

432-458-3381

07/05/2017

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.

Sylvia Shuemaker

Regulatory Analyst

Sylvia Shuemaker

Typed or printed name of operator's representative

Title

Signature

800 N. Lorraine Ste. 530 Midland TX 79701

432-6835271

7-14-19

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 to 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 uncemented 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 to 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 cements 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.