

RAILROAD COMMISSION OF TEXAS  
OIL AND GAS DIVISIONFORM W-3  
Rev. 10/78

003-00712

API NO. (if available)				1. RRC District <b>8</b>					
FILE IN DUPLICATE WITH DISTRICT OFFICE OF DISTRICT IN WHICH WELL IS LOCATED WITHIN THIRTY DAYS AFTER PLUGGING									
2. FIELD NAME (as per RRC Records) <b>Shafter Lake (Yates) <del>Unit</del></b>				3. Lease Name <b>Shafter Lake / Yates / Oil Field Unit</b>				4. RRC Lease or Id. Number <b>17952</b>	
6. OPERATOR <b>Alpha Twenty-One Production Co.</b>				6a. Original Form W-1 Filed in Name of:				5. Well Number <b>42</b>	
7. ADDRESS <b>P.O. Box 1206, Jal, NM 88252</b>				6b. Any Subsequent W-1's Filed in Name of:				10. County <b>Andrews</b>	
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located <b>330 Feet From South Line and 330 Feet From East Line of the Shafter Lake Lease</b>				9a. SECTION, BLOCK, AND SURVEY <b>Sec. 15, Blk. 14, University Lands</b>				11. Date Drilling Permit Issued	
9b. Distance and Direction From Nearest Town in this County <b>15 mi. NW Andrews</b>				12. Permit Number				13. Date Drilling Commenced	
16. Type Well (Oil, Gas, Dry) <b>Oil</b>		Total Depth <b>3053</b>		17. If Multiple Completion List All Field Names and Oil Lease or Gas ID No.'s GAS ID or OIL LEASE #      Oil - O Gas - G      WELL #				14. Date Drilling Completed	
18. If Gas, Amt. of Cond. on Hand at time of Plugging								15. Date Well Plugged <b>2-7-84</b>	

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				2-7-84	2-7-84	2-7-84	2-7-84				
20. Size of Hole or Pipe in which Plug Placed (inches)				7"	7"	7"	7"				
21. Depth to Bottom of Tubing or Drill Pipe (ft.)				3020	1815	1365	350				
*22. Sacks of Cement Used (each plug)				35	25	25	238				
*23. Slurry Volume Pumped (cu. ft.)				46	33	33	315				
*24. Calculated Top of Plug (ft.)				2920	1715	1265	0				
25. Measured Top of Plug (if tagged) (ft.)				2920			0				
*26. Slurry Wt. #/Gal.				14.8	14.8	14.8	14.8				
*27. Type Cement				C'2ZCC	C'2ZCC	C'2ZCC	C'2ZCC				

28. CASING AND TUBING RECORD AFTER PLUGGING					29. Was any Non-Drillable Material (Other than Casing) Left in This Well <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
SIZE	WT. #/FT.	PUT IN WELL (ft.)	LEFT IN WELL (ft.)	HOLE SIZE (in.)	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.)	
8-3/4	40.50	199	199	15"		
7	26	3007	3007	8-3/4"		

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS			
FROM	3007	TO	3053 (Open)
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.

Signature of Cementer or Authorized Representative

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.

Michael D. Oney  
 REPRESENTATIVE OF COMPANY

Drill/Superintendent 2-20-84  
 TITLE DATE

Phone 505-395-3056  
 A/C NUMBER

SIGNATURE, REPRESENTATIVE OF RAILROAD COMMISSION

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 FEB 29 1984

O.G.  
 MIDLAND, TEXAS

31. Was Well filled with Mud-Laden Fluid, according to the regulations of the Railroad Commission <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		32. How was Mud Applied? <div style="text-align: center; font-weight: bold;">Circulated</div>	33. Mud Weight <div style="text-align: center; font-weight: bold;">10</div> LBS/GAL								
34. Total Depth <div style="text-align: center; font-weight: bold;">3053</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;">1700</td> <td style="text-align: center;">1800</td> </tr> <tr> <td style="text-align: center;">1250</td> <td style="text-align: center;">1350</td> </tr> <tr> <td style="text-align: center;">250</td> <td style="text-align: center;">350</td> </tr> </table>		TOP	BOTTOM	1700	1800	1250	1350	250	350	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <input type="checkbox"/> Yes <input type="checkbox"/> No  36. If NO, Explain
TOP	BOTTOM										
1700	1800										
1250	1350										
250	350										
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well <div style="text-align: center;">Halliburton Services, Box 2568, Hobbs, NM 88240</div>		Date RRC District Office notified of plugging <div style="text-align: center;">2-6-84</div>									
38. Names and Addresses of Surface Owner of Well Site and Operators of Offset Producing Leases <div style="text-align: center;">University of Texas Lands P.O. Box 7759 Austin, TX 78712</div>											
39. Was Notice Given Before Plugging to Each of the Above? <div style="text-align: center;">Yes</div>											
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;"> <span><input checked="" type="checkbox"/> Log Attached</span> <span><input type="checkbox"/> Log released to _____ Date _____</span> </div> <div style="margin-top: 10px;">           Type Logs:           <div style="display: flex; justify-content: space-around; margin-top: 5px;"> <span><input type="checkbox"/> Driller's</span> <span><input type="checkbox"/> Electric</span> <span><input type="checkbox"/> Radioactivity</span> <span><input type="checkbox"/> Acoustical/Sonic</span> </div> </div>											
41. Date FORM P-8 (Special Clearance) Filed?											
42. Amount of Oil produced prior to Plugging _____ bbls* <small>* File FORM P-1 (Oil Production Report) for month this oil was produced</small>											
RRC USE ONLY											
Nearest Field _____											

 REMARKS \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

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-8, Organization Report) <b>Alpha Twenty-One Production Co.</b>	2. RRC Operator No.	3. RRC District No. <b>8</b>	4. County of Well Site <b>Andrews</b>
5. Field Name (Wildcat or exactly as shown on RRC records) <b>Shafter Lake (Yates) Unit</b>	6. API No. <b>42-</b>		7. Drilling Permit No.
8. Lease Name <b>Shafter Lake Yates/Oil Field Unit</b>	9. Rule 37 Case No.	10. Oil Lease/Gas ID No. <b>17952</b>	11. Well No. <b>42</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							
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 Slurry	19. API cement used: No. of sacks ▶						
	Class ▶						
	Additives ▶						
2nd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
3rd Slurry	No. of sacks ▶						
	Class ▶						
	Additives ▶						
1st	20. Slurry pumped: Volume (cu. ft.) ▶						
	Height (ft.) ▶						
2nd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
3rd	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
Total	Volume (cu. ft.) ▶						
	Height (ft.) ▶						
21. Was cement circulated to ground surface (or bottom of cellar) outside casing?							
22. Remarks <b>Plug #4 - Circulated cement to surface thru perfs. at 350. Left 7" casing full of cement.</b>							

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ANDLAND, TEXAS

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	2-7-84	2-7-84	2-7-84	2-7-84				
24. Size of hole or pipe plugged (in.)	7"	7"	7"	7"				
25. Depth to bottom of tubing or drill pipe (ft.)	3020	1815	1365	350				
26. Sacks of cement used (each plug)	35	25	25	238				
27. Slurry volume pumped (cu. ft.)	46	33	33	315				
28. Calculated top of plug (ft.)	2920	1715	1265	-0-				
29. Measured top of plug, if tagged (ft.)	2920			-0-				
30. Slurry wt. (lbs./gal)	14.8	14.8	14.8	14.8				
31. Type cement	"C" 2%CC	"C" 2%CC	"C" 2% CC	"C" 2%CC				

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.

Norman F. Criswell-Field Supervisor HALLIBURTON SERVICES  
Name and title of cementer's representative Cementing Company

Norman F. Criswell  
Signature

Box 2568 Hobbs New Mexico 88240 505-392 6531 2 - 7 - 1984  
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.

Michael D. Oney Drill/Supintendent  
Typed or printed name of operator's representative Title

Michael D. Oney  
Signature

P.O. Box 1206, Jal. NM 88252 505-395-3056 2-16-84  
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.