

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONFORM W-3
Rev. 12/92API NO.
(if available) 42-103-33001

W. 3873

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) MCELROY		3. Lease Name UNIVERSITY 82-A		1. RRC District 08	
6. OPERATOR TEXAS VANGUARD OIL CO.		6a. Original Form W-1 Filed in Name of:		4. RRC Lease or Id. Number 29213	
7. ADDRESS P.O. BOX 202650, AUSTIN, TEXAS 78720-2650		6b. Any Subsequent W-1's Filed in Name of:		5. Well Number 82A	
8. Location of Well, Relative to Nearest Lease Boundaries of Lease on which this Well is Located		Feet From _____ Line and _____ Feet From _____ Line of the _____ Lease		10. County CRANE	
9a. SECTION, BLOCK, AND SURVEY SEC. 48, BLK. 31, UNIVERSITY LAND		9b. Distance and Direction From Nearest Town in this County 2.6 MILES N. OF CRANE		11. Date Drilling Permit Issued	
16. Type Well (Oil, Gas, Dry) 1	Total Depth 3003	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 # _____		12. Permit Number 174248	
18. If Gas, Amt. of Cond. on Hand at time of Plugging				13. Date Drilling Commenced	
				14. Date Drilling Completed	
				15. Date Well Plugged 04-08-97	

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				4-7	4-7	4-7	4-7	4-8	4-8	4-8	
20. Size of Hole or Pipe in which Plug Placed (inches)				4 1/2	4 1/2	4 1/2	8 5/8	8 5/8	8 5/8	8 5/8	
21. Depth to Bottom of Tubing or Drill Pipe (ft.)				*2900	2400	***2000	1000	915	750	13	
*22. Sacks of Cement Used (each plug)				3	20	40	40	20	75	5	
*23. Slurry Volume Pumped (cu. ft.)				4	26	53	53	26	99	7	
*24. Calculated Top of Plug (ft.)				2880	2300	1900		855	600		
25. Measured Top of Plug (if tagged) (ft.)							925			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					29. Was any Non-Drillable Material (Other than Casing) Left in This Well? <input type="checkbox"/> Yes <input 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 5/8		656	653	11		
4 1/2		3003	1167	7 7/8		

30. LIST ALL OPEN HOLE AND/OR PERFORATED INTERVALS					
FROM	2913	TO	2925	FROM	TO
FROM	2936	TO	2946	FROM	TO
FROM	2958	TO	2971	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.

Signature of Cementer or Authorized Representative

 CERTIFICATE

ROYALTY WELL SERVICE
 Name of Cementing Company

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
 Robert N. Watson, Jr.

President
 TITLE

4-29-97
 DATE

(512) 331-6781
 A/C NUMBER

SIGNATURE: REPRESENTATIVE OF RAILROAD COMMISSION

1. 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;">TUBING - PUMPED</div>	33. Mud Weight <div style="text-align: center; font-size: 1.2em;">9.5</div> <div style="text-align: right; font-size: 0.8em;">LBS/GAL</div>
34. Total Depth <div style="text-align: center; font-size: 1.2em;">3003</div>	Other Fresh Water Zones by T.D.W.R. <div style="display: flex; justify-content: space-around; font-size: 0.8em;"> <div>TOP</div> <div>BOTTOM</div> </div>	35. Have all Abandoned Wells on this Lease been Plugged according to RRC Rules? <div style="float: right;"> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No </div>		
Depth of Deepest Fresh Water <div style="text-align: center; font-size: 1.2em;">650</div>		36. If NO, Explain		
37. Name and Address of Cementing or Service company who mixed and pumped cement plugs in this well <div style="text-align: center; font-weight: bold;">ROYALTY WELL SERVICE, P.O. BOX 394, GRANDFALLS, TEXAS 79742</div>				Date RRC District Office notified of plugging <div style="text-align: center; font-weight: bold;">04-07-97</div>
38. Name(s) and Address(es) of Surface Owners of Well Site 				
39. Was Notice Given Before Plugging to 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-around;"> <input type="checkbox"/> Driller's <input type="checkbox"/> Electric <input type="checkbox"/> Radioactivity <input type="checkbox"/> Acoustical/Sonic </div>				
41. Date FORM P-8 (Special Clearance) Filled?				
42. Amount of Oil produced prior to Plugging _____ bbls*				
* File FORM P-1 (Oil Production Report) for month this oil was produced				
RRC USE ONLY				
Nearest Field _____				

REMARKS

* 4 1/2" C.I.B.P. W/20' CEMENT ON TOP

** PERF & SQUEEZE

RAILROAD COMMISSION OF TEXAS
Oil and Gas Division

Form W-3A

Rev. 1/1/83
483-024

Type or print only

Notice of Intention to Plug and Abandon

Operators must comply with RRC plugging procedures as outlined on the reverse side.

1. Operator's Name and Address (Exactly as shown on Form P-5, Organization Report) TEXAS VANGUARD OIL COMPANY P.O. BOX 202650 AUSTIN, TEXAS 78720-2650					3. RRC District No. 08		4. County of Well Site CRANE																	
					5. API No. 42- 10333001		6. Drilling Permit No. 174248																	
2. RRC Operator Number 848310					8. Oil Lease No. or Gas Well ID No. 29213		9. Well No. 148																	
10. Field Name (Exactly as shown on RRC records) MCLEROY					11. Lease Name UNIVERSITY 82-A																			
12. Location • Section No. 48 Block No. 31 Survey UNIVERSITY LANDS No. _____ Abstract No. A- • Distance (in miles) and direction from a nearby town in this county (name the town). 2.6 MILES NORTH OF CRANE, TEXAS																								
13. Type of well 1 - oil 3 - disposal 5 - other (specify) _____ 2 - gas 4 - injection Enter appropriate no. in box 1					14. Type of completion Single <input checked="" type="checkbox"/> Multiple <input type="checkbox"/>		15. Total depth 3003'																	
16. Usable quality water strata (as determined by Texas Dept. of Water Resources) occur to a depth of 650' feet and in deeper strata from _____ to _____ feet; and from _____ to _____ feet.																								
17. • If there are wells in this area which are producing from or have produced from a shallower zone, state depth of zone _____ • If there are wells into which salt water is being or has been disposed of into a shallower zone, state depth of zone _____																								
18. Casing record (list all casing in well)																								
Size	Depth	Cement (sacks)	Drilled hole size	Top of cement (feet)	Top of cement determined by:			Anticipated casing recovery (feet)																
8 5/8" set o	656' w/	150	11"	surface	Temper. Survey	Calculated	Cement bond log																	
4 1/2" set o	3003' w/	245	7 7/8"	7.																				
set o	w/																							
set o	w/																							
set o	w/																							
19. Has notice of intent to plug been filed previously for this well? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					20. Plugging proposal (List all bridge and cement plugs. Load the hole with at least 9.5 lbs. per gallon mud.) class c No. of sacks Depth in feet (top & bottom) 1. 3 CIBP @ 2900' 2. 20 2400-2300' 3. 20 40 2000-1900' perf/squeeze 4. 20 40 1000-900' W.O.C. & TAG 5. 50 75 750-600' perf/squeeze 6. 5 0-13' 7. _____ 8. _____																			
21. Record of perforated intervals or open hole <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Perforations</th> <th>Open</th> <th>Plugged</th> <th>Plugging method</th> </tr> <tr> <td>2913 to 2925</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>2936 to 2946</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>2958 to 2971</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> <tr> <td>Open Hole</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td></td> </tr> </table>									Perforations	Open	Plugged	Plugging method	2913 to 2925	<input type="checkbox"/>	<input type="checkbox"/>		2936 to 2946	<input type="checkbox"/>	<input type="checkbox"/>		2958 to 2971	<input type="checkbox"/>	<input type="checkbox"/>	
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Open Hole	<input type="checkbox"/>	<input type="checkbox"/>																						
22. Name and address of cementing company or contractor ROYALTY WELL SERVICE P.O. BOX 394 , GRANDFALLS, TX. 79742					23. Anticipated plugging date for this well is: _____ mo. day yr.																			
JEFF KESTER Typed or printed name of operator's representative					AGENT Title of person																			
(915) 547-2926 Telephone: Area Code Number					Signature																			
Date: mo. day year					District Director																			

RRC District Office Action

Expiration date

mo. day year

District Director

Date