

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-  
structions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input checked="" type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC 062903	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other <u>Re-entry</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR E. B. Clark, Sr.				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 700 City National Bank Bldg., Wichita Falls, Texas 76305				8. FARM OR LEASE NAME Hightower	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1650' FSL & 1980' FWL of Sec. 31 T.18S., R.32E.  At top prod. interval reported below  At total depth				9. WELL NO. 3	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Watkins-Grayburg	
15. DATE SPUDDED 3/17/79				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 31-18-32	
16. DATE T.D. REACHED 3/21/79				12. COUNTY OR PARISH Lea	
17. DATE COMPL. (Ready to prod.) 3/24/79				13. STATE New Mexico	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3668' G.L.				19. ELEV. CASINGHEAD 3669'	
20. TOTAL DEPTH, MD & TVD 4300'		21. PLUG, BACK T.D., MD & TVD 4280' (Fish)		22. IF MULTIPLE COMPL., HOW MANY* —	
23. INTERVALS DRILLED BY → 0-4300'				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* None	
25. WAS DIRECTIONAL SURVEY MADE				26. TYPE ELECTRIC AND OTHER LOGS RUN Density-Neutron, Later Log (3/17/76)	
27. WAS WELL CORRED No				28. CASING RECORD (Report all strings set in well)	
Casing Size		Weight, lb./ft.		Depth Set (MD)	
8-5/8		20#		565'	
4-1/2		10.5#		4280'	
(DV Tool)				1091'	
Hole Size		Cementing Record		Amount Pulled	
11"		Circulated 300 sx		None	
7-7/8"		(800sx Howcolite + 150 sx Class "H")		None	
7-7/8"		130sx Howcolite + 100 sx Class "C"		None	
Cement Circulated					
29. LINER RECORD					
Size	Top (MD)	Bottom (MD)	Sacks Cement*	Screen (MD)	
30. TUBING RECORD					
Size	Depth Set (MD)	Packer Set (MD)			
31. PERFORATION RECORD (Interval, size and number) 4237' to 4246' - 25spf - 3/8" perfs.					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
Depth Interval (MD)			Amount and Kind of Material Used		
None					
33. PRODUCTION					
Date First Production 4/16/79		Production Method (Flowing, gas lift, pumping—size and type of pump) SWAB			Well Status (Producing or shut-in) P & A
Date of Test 4/17/79	Hours Tested 8	Coke Size —	Prod'n. for Test Period →	Oil—BBL. 0	Gas—MCF. 0
Flow. Tubing Press. 0	Casing Pressure 0	Calculated 24-Hour Rate →	Oil—BBL. 0	Gas—MCF. 0	Water—BBL. 112
					Oil Gravity-API (Corr.) —
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					
TEST WITNESSED BY E. B. Clark					
35. LIST OF ATTACHMENTS					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>E. B. Clark</u>		TITLE <u>Engineer (Agent)</u>		DATE <u>4-19-79</u>	

\*(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see Item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in Item 22, and in Item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in Item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Secks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for Items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:				38. GEOLOGIC MANNERS			
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES							
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH	
Surface	0	1025	Surface Sand, Caliche, Red Shale, sand				
Permian	1025	1250	Anhydrite	Rustler	1025		
	1250	2490	Salt with stringers of Anhydrite, Red Shale	Salt	1250		
	2490-	2690	Anhydrite, Red shale, Dolomite	Tansil	2490		
	2690	2980	Red sand, shale, Anhydrite	Yates	2690		
	2980-3060	3060	Dolomite, anhydrite, Red Shale	7 Rivers	3105		
	3060	3100	Dolomite, Red Sand	Queen	3615		
	3100	3180	Sand, Red Shale, Anhydrite, dolomite	Penrose	3842		
	3180	3350	Dolomite, Anhydrite, red shale	Grayburg	4095		
	3350	3400	Dolomite				
	3400	3500	Dolomite, Red Sand				
	3500	3615	Dolomite, Red Sand, Anhydrite				
	3615	3842	Dolomite, Anhydrite, Red Shale, Red Sand				
	3842	4095	Red Sand, Dolomite, Anhydrite and Shale				
	4095	4190	Sand, Anhydrite, Dolomite				
	4190	4210	Dolomite				
	4210	4237	Dolomitic Sand				
	4237	4302	Dolomite				
	4302		Sand and Dolomite				

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