

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

XEROX COPY

SUBMIT IN DUPLICATE

(See her instructions on
reverse side)Copy to 51
Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				5. LEASE DESIGNATION AND SERIAL NO. LC 029387(a)					
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 Shenandoah Oil Corporation				7. UNIT AGREEMENT NAME					
3. ADDRESS OF OPERATOR 1500 Commerce Building - Fort Worth, Texas - 76102				8. FARM OR LEASE NAME Shugart "A"					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface Unit Letter "L" 1650' FSL and 990' FWL Section 29 - 18S - 31E At top-pred. interval reported below At total depth				9. WELL NO. 5					
14. PERMIT NO.				DATE ISSUED MAY 24 1977 O. C. C. ARTESIA, OFFICE					
15. DATE STARTED 4-5-77		16. DATE T.D. REACHED 4-15-77		17. DATE COMPL. (Ready to prod.) 5-10-77		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 3583 Gr		19. ELEV. CASINGHEAD 3585	
20. TOTAL DEPTH, XXXXXX 3807		21. PLUG, BACK T.D., XXXXXX 3805		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY Rotary		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Queens 3114-3220' - Penrose 3418-3484' - Grayburg 3648-3784'	
25. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron and Cement Bond Logs		26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron and Cement Bond Logs		27. WAS WELL CORED No		28. WAS DIRECTIONAL SURVEY MADE No		29. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)									
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD	
8-5/8"		N.K.		691		8"		75 sx	
7"		20		2725		8"		100 sx	
4-1/2"		9.5 & 10.5		3807		6-1/4" & 8"		300 sx Class H (5# sand)	
(Note: Well block sqz. @ 3720'-3532'-3345' & 3122' (240 sx Class C down 4-1/2-7' annulus - cement to surface)									
29. LINER RECORD									
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)	
2-7/8"		3798		3798		3798		3798	
30. TUBING RECORD									
SIZE		DEPTH SET (MD)		PACKER SET (MD)		31. PERFORATION RECORD (Interval, size and number) See Attachment MAY 23 1977 U.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
2-7/8"		3798		3798		3798		3798	
33. PRODUCTION									
DATE FIRST PRODUCTION May 17, 1977		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) producing			
DATE OF TEST May 19, 1977		HOURS TESTED 24		CHOKE SIZE -		PROD'N. FOR TEST PERIOD 40		OIL-BBL. 40	
FLOW. TUBING PRESS. -		CASING PRESSURE -		CALCULATED 24-HOUR RATE -		GAS-MCF. 30		WATER-BBL. 80	
-		-		-		-		OIL GRAVITY-API (CORR.) 34.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold								TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Logs; Perforations and Treating									
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records									
SIGNED C. W. Downey, Jr.		TITLE Operations Superintendent				DATE May 20, 1977			

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