

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division  
311 S. 1st  
Albuquerque, NM 87102-2834

C/SF

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WORK  
 OIL WELL  GAS WELL  DRY  Other \_\_\_\_\_  
 1b. TYPE OF WELL  
 NEW WELL  WORK OVER  DEEPEN  PLUG BACK  DIFF. RESRV.  Other \_\_\_\_\_

2. NAME OF OPERATOR  
**UMC Petroleum Corporation**  
 3. ADDRESS AND TELEPHONE NO  
**410 17th ST., STE 1400, Denver, Co. 80202 (303) 573-4721**  
 4. LOCATION OF WELL (Report locations clearly and in accordance with any State requirements.)  
 At Surface **1980' FEL & 1980' FSL NWSE**  
 At top prod. interval reported below **Same**  
 At total depth **Same**

7. UNIT AGREEMENT NAME  
**20857**  
 8. FARM OR LEASE NAME, WELL NO.  
**Shugart 22 Federal #2**  
 9. API WELL NO.  
**30-015-29907**  
 10. FIELD AND POOL OR WILDCAT  
**Shugart BS**  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
**22-T18S-R31E**  
 12. COUNTY OR PARISH  
**Eddy**  
 13. STATE  
**NM**

14. PERMIT NO. **30-015-29907** DATE ISSUED **10/27/97**  
 15. DATE SPUDDED **12/7/97** 16. DATE T.D. REACHED **12/25/97** 17. DATE COMPL. (Ready to prod.) **2/6/98**  
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*  
**KB 3669' GR 3651'**  
 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD  
**6650' MD TVD 6610' MD TVD**  
 21. PLUG, BACK T.D., MD & TVD  
**TD 6610' MD TVD**  
 22. IF MULTIPLE COMPL. HOW MANY  
**ACCEPTED**  
 23. INTERVALS DILLED BY  
**Rotary Tools All**  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
**Bone Springs 6490' to 6518'**  
 25. WAS DIRECTIONAL SURVEY MADE  
**Yes**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Neutron, BHL, Laterlog.**  
 27. WAS WELL CORED  
**NO**

23. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8" K-55	24#	800'	12-1/4"	395 sx Class "C", TOC @ surface	None
5-1/2" J-55	15.5#	6650'	7-7/8"	590 sx "H" 1st stage	None
				1740 sx "C" 2nd stage/DV @ 4190'	
				TOC @ 5200'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8"	6570'	Anchor 6434'

31. PERFORMANCE RECORD (Interval, size and number)

INTERVAL	SIZE	NUMBER
6490' to 6518'		4 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6490'- 6518'	Acidized: 1500 gal 15% NEFE
6490'- 6518'	Frac: 46400 gal fluid/118029 # 20/40 san

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
2/9/98	Pump: RHBC 25X150X24/Lufkin 228-213-86	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2/14/98	24	NA	→	101	250	5	2475

FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL-BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0	→	101	250	5	NA

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**Sold to Texas New Mexico Pipeline Co.**  
 TEST WITNESSED BY  
**Cary Moss**

35. LIST OF ATTACHMENTS  
**Deviation Survey, Logs.**

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [Signature] TITLE Regulatory Coordinator DATE 2/17/98

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

Title 18 U.S.C. Section 1001, makes it a crime for any persn knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

37. SUMMARY OF POROUS ZONES: (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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware Bone Springs	5017' 6332'					

RECEIVED  
 MAR 20 1948  
 U.S. GEOLOGICAL SURVEY  
 WASHINGTON, D.C.