Form 3160-4 (July 1989)

SIGNED

UNITEDISTATES

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BLM Roswell District Modified Form No. NM060-3160-3

(formerly 9-330) (See other Instructions on DEPARTMENT OF THE INTERIOR reverse side) 5. LEASE DESIGNATION AND SERIAL NO. BUREAU OF LAND MANAGEMENT LC-047800 (a) 6. IF INDIAN, ALLOTTEE OR TRIBE NAME WELL COMPLETION OR RECOMPLETION REPORT AND LOG* RECERTE 1a. TYPE OF WELL: WELL X GAS WELL 7. UNIT AGREEMENT NAME b. TYPE OF COMPLETION: WELL X DEEP-EN MAY 1 4 199: DIFF. RESER. Other 8. FARM OR LEASE NAME 2. NAME OF OPERATOR Comanche Federal O. C. D. Southland Royalty Co. ARTESIA, OFFICE 9. WELL NUMBER 3. ADDRESS OF OPERATOR P.O. Box 51810, Midland, TX 79710-1810 915-686-5678 10. FIELD AND POOL, OR WILDCAT 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* Shugart (Grayburg) At surface 2310'FSL & 2180' FEL 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA At top prod. interval reported below Same Sec. 12, T18S, R31E At total depth Same 9a. API WELL NO. 14. PERMIT NO. DATE ISSUED 12. COUNTY OR 13. STATE 3/5/91 Eddy NM 15. DATE SPUDDED 16. DATE T.D. REACHED 17. DATE COMPL. (Ready to prod.) 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 19. ELEV. CASINGHEAD 3/8/91 3/18/91 3/29/91 3768' GR 3768' 20. TOTAL DEPTH, MD & TVD 21. PLUG BACK T.D., MD & TVD 22. IF MULTIPLE COMPL. 23. INTERVALS ROTARY TOOLS CABLE TOOLS HOW MANY* N.A. 5967 DRILLED BY O-TD 24. PRODUCING INTERVAL (S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) 25. WAS DIRECTIONAL 4258' - 4302 (70 holes) Graybung SURVEY MADE No 26. TYPE ELECTRIC AND OTHER LOGS BUILD 27. WAS WELL CORED LDT/CNL, DLL/MSFL No 28. CASING RECORD (Report all strings set in well) CASING SIZE WEIGHT, LB./FT. DEPTH SET (MD) HOLE SIZE CEMENTING RECORD AMOUNT PULLED 8-5/8" 28# 427' 12-1/4" 385 sx Class C (Circ) 5-1/2" 15.5# 6000 7-7/8" 1623 sx C-Lite LINER RECORD 30. TUBING RECORD SIZE TOP (MD) BOTTOM (MD) SACKS CEMENT* SCREEN (MD) SIZE DEPTH SET (MD) PACKER SET (MD) 31. PERFORATION RECORD (Interval, size, and number) ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. 4258' - 4302' (70 holes) DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 4258'-4302' 2M gal 2% KCL; 28M Gal Boragel 85.5 M G 12/20 Sand 33.* **PRODUCTION** DATE OF FIRST PRODUCTION PRODUCTION METHOD (Flowing, gas lift, pumping-size and type of pump) WELL STATUS (Producing or shut-in) 3/30/91 Pump 2-1/2" X 1-1/2" X 20 RHBM Producing DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N, FOR OIL - BBL . GAS - MCF. WATER - BBI GAS - OIL RATIO 4/17/91 24 TEST PERIOD 32.5 0.6 101 22.2 FLOW. TUBING PRESS. CASING PRESSURE CALCULATED OIL - BBL. GAS - MCF. WATER - BBI OIL GRAVITY - API (CORR.) 24 HOUR RATE 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY Venting but to be sold as soon as the line is available Leonard Abney 35. LIST OF ATTACHMENTS C-104, C-116, Deviation Survey, Plat, Logs 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records **ACCEPTED FO**R RECORD

*(See Instructions and Spaces for Additional Data on Reverse

TITLE Sr. Staff Environmental Rep.

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FORMATION	40F	воттом	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
				Rustler	920'	
				Salt	1107'	
				Salt, base	2195'	
				Yates	2448'	
				Queen	3560'	
				Grayburg	4110'	
				San Andres	4595'	
				Delaware	5345'	
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				Bone Springs	5894	
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