

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

clsf

SUBMIT IN DUPL. RE*
NEW OIL CONDS. COMMISSION
Instructions on reverse side
Drawer DD
Artesia, NM 88210

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____
 2. NAME OF OPERATOR
 Cantro Exploration, Inc. ✓
 3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations)
 At surface 790' FSL & 2310' FEL of Section
 At top prod. interval reported below
 At total depth
 14. PERMIT NO. 30-015-25329
 DATE ISSUED 7-12-85
 ARTESIA, OFFICE
 RECEIVED BY
 DEC 26 1985
 O. C. D.
 10. FIELD AND POOL, OR WILDCAT
 NORTH HACKBERRY Y SR (EXT)
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
 Sec. 21, T19S, R31E
 12. COUNTY OR PARISH
 Eddy
 13. STATE
 N.M.

15. DATE SPUDDED 7-30-85
 16. DATE T.D. REACHED 8-04-85
 17. DATE COMPL. (Ready to prod.) 9-25-85
 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
 3529 GL 3526 KB
 19. ELEV. CASINGHEAD 3523
 20. TOTAL DEPTH, MD & TVD 2397'
 21. PLUG BACK T.D., MD & TVD
 22. IF MULTIPLE COMPL., HOW MANY*
 23. INTERVALS DRILLED BY
 → XX
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
 YATES Top 2198-2266
 25. WAS DIRECTIONAL SURVEY MADE
 YES

26. TYPE ELECTRIC AND OTHER LOGS RUN
 Gamma-Ray Neutron & CBL
 27. 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	AMOUNT PULLED
8 5/8"	24.00#	300'	12 1/2"	200 sks. Cl."C" + 2%CaCl	None
5 1/2"	15.50	2396'	7 7/8"	300 sks. HOWCO Lite & 100 sks. Cl. "C"	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	2288'	

31. PERFORATION RECORD (Interval, size and number)
 2198-2266 48 perfs

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2198-2266	1351 Bbls XLinked Gel 2% KCL & 580 sks 20/40 sand & 380 sks 12/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION 10-04-85
 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 2" Insert pump
 WELL STATUS (Producing or shut-in) Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-29-85	24	none	→	4.98	nil	275	nil

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
		→				Not Available

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
 Vented
 TEST WITNESSED BY
 DEC 23 1985
 Company Gauger

35. LIST OF ATTACHMENTS
 Gamma Ray -Neutron, Bond Log, Directional Surveys, NEW LOGS

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

SIGNED Robert M. Gaur TITLE President DATE 12-13-85

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

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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Upper Yates Sd.	2197	2280	Fine grained Sandstone containing oil oil where porosity is suufciently developed	Rustler Anhy. Top of Salt Base of Salt	474 734 2023	+ 3053 + 2793 + 1504
Lower Yates Sd.	2300	TD	Fine grained dolomitic sandstone con- taining oil and water where porosity is sufficiently developed There were no drillstem tests or cores in this well.	Tansil Dolo. Top Yates Sd. Top Lower Yates	2096 2197 2300	+ 1431 + 1330 + 1227