

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

LC 063622

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Tenneco Federal

WELL NO.

1

FIELD AND POOL, OR WILDCAT

N. Hackberry - Y. SR.

SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

Sec. 21, T19S, R31E

COUNTY OR PARISH

Eddy

STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐

b. TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEP-EN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

Other MAY 12 1986

O. C. D.

ARTESIA, OFFICE

2. NAME OF OPERATOR

Cantro Exploration, Inc.

3. ADDRESS OF OPERATOR

909 N.E. Loop 410, Ste-711, San Antonio, Texas 78209

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2240' FSL & 1650' FWL of Section

At top prod. interval reported below

(NE $\frac{1}{4}$ SE $\frac{1}{4}$)

(Unit K)

At total depth

14. PERMIT NO.

30-015-25328

DATE ISSUED

7-12-85

15. DATE SPUNDED

7-25-85

16. DATE T.D. REACHED

7-30-86

17. DATE COMPL. (Ready to prod.)

9-22-85

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

3495' GL 3499' KB

19. ELEV. CASINGHEAD

3496'

20. TOTAL DEPTH, MD & TVD

2310'

21. PLUG, BACK T.D., MD & TVD

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

XX

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION-- TOP, BOTTOM, NAME (MD AND TVD)*

Yates 2178-2310

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Density, Neutron, Gamma Ray, Micro Log

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"	24.0#	300'	12 1/4"	230 sks of Class "C"	
5 1/2"	17.0#	2277'	7 7/8"	280 sks of HOWCO Lite + 6# of Salt & 100 sks. Class "C"	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2008'	

31. PERFORATION RECORD (Interval, size and number)

2277-2310 Open Hole
2226-2246 1 shot/ft.
2196-2206 1 shot/ft.
2185-2188 1 shot/ft.
2179-2181 1 shot/ft.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
"See Attached Sundry Notice For Frac Info."	

Post ID-2
5-16-86
Temp. Abnd.

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
9-23-85		Pumping					Temp. Abandoned	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12-08-85	24		→	0	0	85		
FLOW. TUBING PRESS.	CASINO PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
		→	ACCEPTED FOR RECORD					

ACCEPTED FOR RECORD

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Logs, Directional Survey, Sundry Notice

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

SIGNED

Robert M. Green

TITLE

President

DATE

4-22-86

*(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, 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 Sandstone	2178	2262	Fine grained sandstone containing oil where porosity is sufficiently developed.	Rustler Anhy. Top Salt Base Salt	437 683 2000	+ 3063 + 2815 + 1499
Lower Yates Sandstone	2278	TD	Fine grained dolomitic sandstone containing oil and water where porosity is sufficiently developed.	Tansil Dolomite Yates Sand Lower Yates	2063 2178 2278	+ 1435 + 1321 + 1221