

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5. LEASE DESIGNATION AND SERIAL NO.

NM 0557729

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Hanson Federal

9. WELL NO.

02

10. FIELD AND POOL, OR WILDCAT

North Hackberry - Y.SR.

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

Sec. 20-19S-31E

12. COUNTY OR PARISH
Eddy

13. STATE
N.M.

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 ☐

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 430' FSL & 390' FEL of Section

At top prod. interval reported below

At total depth

(SE $\frac{1}{4}$ SE $\frac{1}{4}$)
(Unit P)

14. PERMIT NO.

30-015-25544

DATE ISSUED

1-23-86

15. DATE SPUDDED

1-31-86

16. DATE T.D. REACHED

3-6-86

17. DATE COMPL. (Ready to prod.)

4-17-86

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

3481 GL

19. ELEV. CASINGHEAD

3481'

20. TOTAL DEPTH, MD & TVD

2332'

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

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

XX

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

2317-2332 Open Hole

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction, Gamma Ray, Compensated Density, Compensated Neutron

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"	20.0#	430'	12 1/4"	265 sks. of Class "C" + 5 yds. of pea gravel	
4 1/2"	10.5#	2317	6 3/4"	100 sks. of 50/50 POZ mix + 5 lbs. of salt.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	2032.51'	

31. PERFORATION RECORD (Interval, size and number)

Open Hole 2317-2332

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
4-18-86		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-26-86	24	none		39.93	Nil	98	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

No Gas

TEST WITNESSED BY

Company Gauger

35. LIST OF ATTACHMENTS

Logs

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

SIGNED

Robert M. Gruer

TITLE

President

DATE

4-27-86

*(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
Yates Sandstone	2120'	2209'	Fine grained to very fine grained sandstone, shally in places, some thin dolomite interbeds, slight shows of oil.	Base Salt Top Yates Seven Rivers	1950 2120 2240	+ 1531 + 1361 + 1241
Seven Rivers	2240	T.D.	Sandstone & Dolomite: (a). Sandstone: very dolomite basically hard & tite with very little porosity, grades to dolomite. (b). Dolomite: White, hard, crypto-crystalline, no porosity, vy sandy, grades to fine grained sand.			
Seven Rivers porosity	2330'	2332'	Dolomite: White, hard, vuggy, good porosity bldg oil from vugs.			