

(November 1983)
(formerly 9-330)

SUBMIT IN DUPLICATE*

Budget Bureau No. 1004-013*
Expires August 31, 1985

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

(See instructions on side)

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 ☐ DIRT RESER ☐ Other ☐

2. NAME OF OPERATOR
Enserch Exploration, Inc.

3. ADDRESS OF OPERATOR

6688 N. Central Expwy., Suite 1000, Dallas, TX 75206

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

At surface 1980' FSL & 1980' FWL NE/4 SW/4 Section 28

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

30-025-33062

DATE ISSUED

08/10/95

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUNDED

08/28/95

16. DATE T.D. REACHED

10/01/95

17. DATE COMPL. (Ready to prod.)

12/01/95

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

3222'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

12,491'

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

8,929'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

XXX

CABLE TOOLS

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

7803' - 8006' - Brushy Canyon

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Compensated Neutron, Litho-Density, GR/Array Induction, GR/Array Sonic, GR

27. WAS WELL CORED

Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	770'	17-1/2"	360sx Class "C" + 340sx Class "C"	0
8-5/8"	32# & 24#	4895'	12-1/4"	1800sx Class "C" + 200sx Cl "C"	0
5-1/2"	15.5#	9013'	7-7/8"	1388sx 50/50 Poz	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	7,642'	NA

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

8358' - 8518' 24 holes
7803' - 8006' 37 holes

32. ACID, SHOT, FRACTURE, CEMENT

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8358-8518'	2000 gals 15% acid & 30000 gals fl + 89000# 20/40 sand
7803-8006'	2000 gals 15% acid & 11400 gals gel pad + 22000 gals gel + 100,000#
	See attached

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
12/02/95		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD. M. FOR TEST PERIOD	OIL--REL.	GAS--MCF.	WATER--REL.	GAS-OIL RATIO
12/22/95	24	NA	→ 88		TSTM	387	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--REL.	GAS--MCF.	WATER--REL.	OIL GRAVITY-API (CORR.)	
NA			88	TSTM	387		

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

Vented

TEST WITNESSED BY

Dale Kent

35. LIST OF ATTACHMENTS

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

SIGNED

TITLE

Regulatory Compliance Specialist

DATE

01/29/1996

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

Title 18 U.S.C. Section 1001, makes it a crime for any person 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.

38. **TESTS:** (show all important zones of porosity and contents thereof; cored intervals; and all tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and

LOCATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE DEPTH
Brushy Canyon	7803'	8006'	Oil, Gas & Water	Lamar Line		4886'
				Bell Canyon		4927'
				Bone Spring		8920'
				Wolfcamp		12202'

FORM 3160-4

Attachment

Rattlesnake Federal "28" No. 1

January 29, 1996

Item No. 32

7839' - 7840'

Prior to perforating 7803' - 8006' for production, squeezed with 400 sx
Premium 50/50 Poz "A" Cement. Slurry weight 14.4 ppg. reversed out
4 bbls cmt to pit.