

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
ROOSEVELT, NEW MEXICO

DATE
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

LEASE DESIGNATION AND SERIAL NO.

NM-30398

IF INDIAN, ALLOTTEE OR TRIBE NAME

FARM OR LEASE NAME
Caviness Federal

WELL NO.

4

FIELD AND POOL OR WILDCAT

Mescalero Escarpe (Bone Springs)

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

Sec. 11, T-18-S, R-33-E

COUNTY OR PARISH
Lea

STATE
N.M.

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

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. CENVR. ☐ Other

2. NAME OF OPERATOR

Meridian Oil Inc.

3. ADDRESS OF OPERATOR

21 Desta Drive, Midland, Texas 79705

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

At surface

1980' FNL & 1980' FWL, Sec. 11, T-18-S, R-33-E

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUNDED 4-7-87 16. DATE T.D. REACHED 4-24-87 17. DATE COMPL. (Ready to prod.) 5-29-87 18. ELEVATIONS (OF. RNB. RT. GR. ETC.)* 4012' GR 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 9000' 21. PLUG, BACK T.D., MD & TVD 8911' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8655-8720' Bone Springs

26. TYPE ELECTRIC AND OTHER LOGS RUN

Electric logs

25. WAS DIRECTIONAL SURVEY MADE

Yes

27. WAS WELL CORRED
No

29. 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#	357'	17 1/2"	350 SX.	Circ.
8 5/8"	28 & 24#	3100'	12 1/4"	1450 SX.	Circ.
5 1/2"	17 & 15.5#	9000'	7 7/8"	1700 SX.	TOC @ 3100'
			DV @ 6503'		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	8787'	SN @ 8750'

31. PERFORATION RECORD (Interval, size and number)

8655-86
8692-8720' (61 holes)
7086-96' (5 holes)
7016-44' (29 holes)
6930-40
6956-72' (28 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7086-96'	Sqz w/150 sx. Cl "C"
7016-44'	Sqz w/150 sx. Cl "C"
6930-72'	Sqz w/150 sx. Cl "C"
8655-8720'	Acidz w/4000 gals. Frac w/15,000

33. PRODUCTION gals.

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or Shut-in)	
5-29-87		Pump 2 1/2" x 1 1/4" x 22'					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL.	GAS-OIL RATIO	
6-5-87	24	—	→ 157	157	66	7	420	
FLOW, TUBING PRSS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
—	—	→	157	66	7	37.9		

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

Will be sold

TEST WITNESSED BY
Larry Hobbs

35. LIST OF ATTACHMENTS

C-104, Deviation Survey, Temperature Survey, Plat

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

SIGNED

Cathy Hobbs

TITLE

Operations Tech III

DATE

6-5-87

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1600	
Salt	1750	
B/Salt	2900	
Yates	3200	
Queen	4250	
Grayburg	4810	
San Andres	4950	
Bone Spring	6800	
1st Bone Spring	8240	
2nd Bone Spring	8650	