Form 3160-4
(October 1990)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE* (See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

5. LEASE DESIGNATION AND SERIAL NO.: SF-080724A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME, WELL: Zachry #54

9. API WELL NO.: 30-045-25596

10. FIELD AND POOL, OR WILDCAT: Armenta Gallup / Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec.12, T-28-N, R-10-W

12. COUNTY OR PARISH: San Juan

13. STATE: NM

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

2. NAME OF OPERATOR: Meridian Oil Inc

3. ADDRESS AND TELEPHONE NO.: PO Box 4289, Farmington, NM 87499 (505) 326-9700

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

At surface: 715'FSL, 925'FWL

At top prod. interval reported below

At total depth

NSL-3493

14. PERMIT NO. | DATE ISSUED

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
4-11-83	4-29-83	5-5-95	5812 GR	

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
6175	6107		→	0=6175	

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

3880-4610 Mesaverde

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

CBL

27. WAS WELL CORED: No

RECEIVED
MAY 24 1995
OIL CON. DIV.

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

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8	36#	315	13 3/4	318 cu.ft.	
7	23#	5470	8 3/4	2755 cu.ft.	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
4 1/2	5255	6164	214 cu.ft.	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	4600	CIBP 5435

31. PERFORATION RECORD (Interval, size and number)

3880, 3939, 3982, 3996, 4006, 4012, 4036, 4040, 4046, 4050, 4054, 4098, 4110, 4164, 4210, 4244, 4254, 4335, 4351, 4358, 4363, 4371, 4392, 4396, 4400, 4408, 4446, 4465, 4478, 4486, 4512, 4552, 4558, 4577, 4610

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3880-4254	136,000# 20/40 Brady sd
	116,970 gal linear gel
4335-4610	159,000# 20/40 Brady sd
	181,440 gal slk wtr

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
5-5-95	Flowing	SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5-5-95					615 Pitot	Gauge	

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
SI 750	SI 1031					

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

None

ACCEPTED FOR RECORD
MAY 19 1995
FARMINGTON DISTRICT OFFICE
BY

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

SIGNED [signature] TITLE Regulatory Affairs DATE 5-12-95

*(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.

NMOCD

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "*Sacks Cement*": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

Item 28: Cemented 9-5/8" with 318 cu. ft. Cl B with 2% $CaCl_2$.
Cemented 7" 1st stage with 1144 cu. ft. 65-35 Poz w/12% gel, 12-1/4# Gilsonite and 1/4# Flocele per sack
followed by 118 cu. ft. Cl B w/2% $CaCl_2$. Cemented 2nd stage with 1375 cu. ft. 65-35 Poz w/12% gel, 12-1/4#
Gilsonite and 1/4# Flocele per sack followed by 118 cu. ft. Cl B w/2% $CaCl_2$.
Cemented 4-1/2" with 214 cu. ft. 50-50 Poz with 2% gel, 0.6% FLA, 1/4# Flocele and 10# salt per sack.

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	TOP TRUE VERT. DEPTH
Ojo Alamo	900	
Kirtland	1060	
Fruitland	1730	
Pictured Cliffs	2030	
Lewis	2110	
Chacra	2620	
Cliff House	3700	
Point Lookout	4340	
Mancos	4620	
Gallup	5510	

U. S. GOVERNMENT PRINTING OFFICE : 1975 O - 574-472

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