

(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-01
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____		14. PERMIT NO. _____ DATE ISSUED _____	
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. CENVR ☐ Other _____		Aug 1 8 37 AM '88	
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 1830' FSL & 1980' FWL, Sec. 4, T-25-S, R-34-E At top prod. interval reported below At total depth		10. FIELD AND POOL OR WILDCAT Pitchfork Ranch (Atoka)	
11. SEC. T. R.-M. OR BLOCK AND SURV OR AREA Sec. 4, T-25-S, R-34-E		12. COUNTY OR PARISH Lea	
13. STATE N.M.		19. ELEV. CASINGHEAD -	
15. DATE SPUDDED 4-24-88	16. DATE T.D. REACHED 6-15-88	17. DATE COMPL. (Ready to prod.) 7-16-88	18. ELEVATIONS (OF RKB, RT. CR, ETC.)* 3361' GR
20. TOTAL DEPTH, MD & TVD 14,100'	21. PLUG. BACK T.D., MD & TVD -	22. IF MULTIPLE COMPL. HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 13,956-964' Atoka			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LD, DIL/DLL/MSFL-GR			27. WAS WELL CORRED No
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	620'	17 1/2"
9 5/8"	40 & 36#	5150'	12 1/4"
7"	32 & 29#	13,300'	7 7/8"
CEMENTING RECORD			
650 SX. C1 "C"			
2200 SX. C1 "C"			
1750 SX. C1 "H"			
AMOUNT PULLED Circ. Circ. TOC @ 5300			
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
4 1/2"	12,898'	14,100'	125
31. PERFORATION RECORD (Interval, size and number) 13,956-964' (32 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
13,956-964'		Acidz w/2000 gals.	
33. PRODUCTION			
DATE FIRST PRODUCTION 7-16-88	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flow		WELL STATUS (Producing or Shut-in) SI
DATE OF TEST 7-25-88	HOURS TESTED 4	CHOKE SIZE 14/64"	PROD'N. FOR TEST PERIOD OIL—BSL. 1.1 GAS—MCF. 173.5 WATER—BSL. 0 GAS-OIL RATIO 174,000
FLOW. TUBING PRESS. 743.6	CASING PRESSURE -	CALCULATED 24-HOUR RATE OIL—BSL. 6.4 GAS—MCF. 1041.6 WATER—BSL. 0 OIL GRAVITY-API (CORR.) 64.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Will be sold			TEST WITNESSED BY Bill Rae
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Temperature Survey, Logs, C-102			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED Cathy [Signature]		TITLE Operations Tech III	
DATE AUG 4/1988		DATE 4/18/88	

*(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.

PRIVACY ACT

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160

PRINCIPAL PURPOSE: The information is to be used to evaluate the actual operations performed in the drilling of an oil or gas well on a Federal or Indian lease.

ROUTINE USES: (1) Evaluate the equipment and procedures used during the drilling of the well. (2) The review of geologic zones and formation encountered during drilling. (3) Analyze future applications to drill in light of data obtained and methods used. (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this report

SI Comp
posted 8-2-88

requirements. Consult local State or Federal office for specific instructions. 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 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.)

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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
	0	1060	Alluvium & Redbed			
	1060	5280	Anhydrite & salt			
	5280	9047	Sandstone & Shale			
	9047	9518	Shale, Siltstone & Limestone			
	9518	10060	Limestone	Rustler	1050'	
	10060	11800	Shale & Limestone	Anhydrite	5020'	
	11800	12800	Limestone, Sandstone & Shale	Delaware Sand	5200'	
	12800	13470	Shale	Bone Spring	9400'	
	13470	13560	Limestone & Shale	Wolfcamp	12,700'	
	13560	13810	Limestone, Chert, Sandstone & Shale	Strawn	13,700'	
	13810	13940	Limestone & Shale	Atoka	13,950'	
	13940	13990	Sandstone & Shale			
	13990	TD	Limestone			

WELL NAME AND NUMBER Pitchford 4 Federal #2 -K 1830/2 + 1980/W

LOCATION Sec. 4, T-25-S, R-34-E, Lea County, New Mexico

OPERATOR Meridian Oil, Inc., 21 Desta Drive, Midland, Tx. 79705

DRILLING CONTRACTOR TMBR/SHARP Drlg., Inc., P.O. Drawer 10970, Midland, Tx. 79702

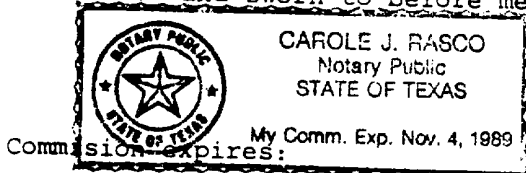
The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>	<u>Degrees @ Depth</u>
0.50 154	1.25 2,023	1.50 3,706	2.25 5,005
0.25 298	0.75 2,140	2.00 3,802	2.25 5,035
0.50 499	0.25 2,297	2.00 3,864	3.00 5,067
0.50 620	1.75 2,470	1.75 3,926	3.00 5,097
0.75 767	1.00 2,580	0.25 4,024	2.00 5,137
2.00 918	1.00 2,909	1.25 4,084	2.00 5,194
2.25 980	2.00 3,028	1.00 4,145	2.00 5,225
2.50 1,052	1.75 3,082	1.25 4,235	1.50 5,250
2.25 1,114	1.75 3,176	1.50 4,330	1.50 5,306
2.00 1,187	2.25 3,269	0.75 4,419	1.50 5,429
1.75 1,249	3.00 3,324	1.75 4,510	1.25 5,560
1.50 1,312	2.75 3,370	1.75 4,700	0.75 5,715
1.75 1,375	2.50 3,401	2.00 4,790	0.75 5,929
1.75 1,437	1.75 3,459	1.25 4,907	1.25 6,177
0.75 1,835	1.25 3,580	3.00 4,969	1.00 6,301

Drilling Contractor TMBR/SHARP Drlg., Inc.

By Grady Trotter
Grady Trotter, Drlg. Engr.
June, 1988

Subscribed and sworn to before me this 29th day of June, 1988



Carole J. Rasco
Notary Public

Midland County, Tx.

WELL NAME AND NUMBER Pitchfork 4 Federal #2

LOCATION Sec. 4, T-25-S, R-34-E, Lea County, New Mexico

OPERATOR Meridian Oil, Inc., 21 Desta Drive, Midland, Tx. 79705

DRILLING CONTRACTOR TMBR/SHARP Drlg, Inc., P.O.Drawer 10970, Midland, Tx. 79702

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth		Degrees @ Depth		Degrees @ Depth		Degrees @ Depth	
1.25	6,680	0.50	9,840	1.00	14,097		
0.50	6,950	1.25	10,125				
1.75	7,202	0.50	10,495				
0.75	7,309	1.25	10,703				
1.50	7,570	1.50	10,974				
1.50	7,821	1.00	11,288				
1.75	8,045	1.75	11,565				
0.50	8,175	2.25	11,895				
0.75	8,321	1.50	11,908				
1.00	8,520	1.75	12,230				
1.50	8,767	2.00	12,514				
1.50	8,987	0.75	12,833				
1.75	9,191	0.75	13,290				
1.25	9,445	0.75	13,763				
1.00	9,720	1.00	13,973				

Drilling Contractor TMBR/SHARP Drlg., Inc.

By Grady Trotter
Grady Trotter, Drlg. Engr.

Subscribed and sworn to before me this 29th day of June, 1988

 CAROLE J. RASCO
Notary Public
STATE OF TEXAS
My Comm. Exp. Nov. 4, 1989

Carole J. Rasco
Notary Public

Midland County, Tx