

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DU. DATE

(See other instructions on reverse side)

Form approved
Budget Estimate 1004-0137
Expires August 31, 1985

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. REVR. ☐	Other ☐
2. NAME OF OPERATOR						FARM OR LEASE NAME	
Meridian Oil Inc.						Pitchfork "4" Federal	
3. ADDRESS OF OPERATOR						9. WELL NO.	
21 Desta Drive, Midland, Texas 79705						10. FIELD AND POOL OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						Pitchfork Ranch (Morrow)	
At surface 1980' FSL & 1980' FWL, Sec. 4, T-25-S, R-34-E New Mexico						11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA	
At top prod. interval reported below						Sec. 4, T-25-S, R-34-E	
At total depth						12. COUNTY OR PARISH	
14. PERMIT NO.						13. STATE	
DATE ISSUED						Lea N.M.	
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DP, RKB, RT, GB, ETC.)*		19. ELEV. CASINGHEAD	
11-1-87	1-1-88	1-20-88		3353.4' GR		-	
20. TOTAL DEPTH, MD & TVD		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY	
15,230'		15,121'				ROTARY TOOLS	
24. PRODUCING INTERVAL(S). OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						CABLE TOOLS	
14,708-15,092' Morrow						0-TD	
25. TYPE ELECTRIC AND OTHER LOGS RUN						25. WAS DIRECTIONAL SURVEY MADE	
LDT-CNL-GR, DLL/MSFL & Dual Induction						Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORRED	
LDT-CNL-GR, DLL/MSFL & Dual Induction						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"	54.50#	614'	17 1/2"	650 sx. C1 "C"		Circ.	
9 5/8"	36#	5125'	12 1/4"	1800 sx Lite & 1300 sx C1		"C" Circ.	
7"	32 & 29#	13,300'	8 3/4"	1900 sx C1 "C"		Toc @ 5100'	
30. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
4 1/2"	12,775'	12,210'	240		SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	12,794'	12,794'
31. PERFORATION RECORD (Interval, size and number)							
14,708-18'							
15,020-29'							
15,050-58' 188 holes							
15,067-92'							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)							
None							
AMOUNT AND KIND OF MATERIAL USED							
FEB 12 1988							
SJS							
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or Shut-in)	
1-21-88		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-20-88	4 hrs	16/64"		2	665	0	332
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
3100	-		.5	166	0	45	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
Waiting on pipeline							
35. LIST OF ATTACHMENTS							
Form C-122, C-104, Logs, Temperature Survey & Inclination Survey							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Cathy Hokes		Operations Tech III				2/10/88	

*(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.

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.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0	1060	Alluvium & Redbed	Rustler	1050	
	1060	5280	Anhydrite & salt	Anhydrite	5020	
	5280	9047	Sandstone & shale	Delaware Sand	5200	
	9047	9518	Shale, Siltstone, Limestone	Bone Spring	9400	
	9518	10060	Limestone	Wolfcamp	12,700	
	10060	11800	Shale & Limestone	Strawn	13,700	
	11800	12800	Limestone, Sandstone & Shale	Atoka Sand	13,950	
	12800	13470	Shale	Morrow A-2	14,800	
	13470	13560	Limestone & Shale	Morrow A-1 Sand	15,000	
	13560	13810	Limestone, Chert, Sandstone & Shale			
	13810	13940	Limestone & Shale			
	13940	13990	Sandstone & Shale			
	13990	14090	Limestone			
	14090	15020	Limestone, Shale & Sandstone			
	15020	15230	Sandstone & Shale			

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WILLBROS DRILLING, INC.



INCLINATION REPORT

OPERATOR: Meridian Oil, Inc.
21 Desta Drive
Midland, Texas 79705

LOCATION: Pitchfork "4" Federal
#1,
Lea County, New Mexico,
Sec. 4, T-25-S, R-34-E.

DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES	DEPTH FEET	INCLINATION DEGREES
200	1/4	5,324	2-1/4	11,996	1-1/2
432	1/2	5,929	2	12,493	2
900	3/4	6,400	1/2	12,975	1-3/4
1,210	3/4	6,900	3/4	13,300	2
1,555	1/4	7,473	1	13,790	2-3/4
2,150	1/4	7,936	1-3/4	14,003	3
2,520	3/4	8,300	1-1/2	14,264	2-1/2
3,020	1	8,791	3/4	14,617	2-1/4
3,520	2-1/4	9,285	3/4	14,759	2-1/2
3,631	2-1/2	9,752	1-1/2	15,084	2-1/4
3,760	2	10,076	1-1/4	15,230	3
3,891	2	10,567	3/4		
4,120	1-1/2	11,066	1-3/4		
4,516	1-1/2	11,633	3		
5,004	2-1/2	11,697	3		
5,086	2-3/4	11,841	2		

COUNTY OF MIDLAND
STATE OF TEXAS

The undersigned states that he has knowledge of the facts and matter herein set forth and that the same are true and correct.


L. E. Grimes, President

SUBSCRIBED AND SWORN TO BEFORE ME THIS 29th day of January 1988


Notary Public

My commission expires: August, 1989

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