

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

FOR APPROVED
OMB NO. 1086-0137
EXPIRATION DATE 01-1991

RECEIVED

NM-0607

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DEW ☐ OTHER ☐		95 AUG -1 PM 1:50																									
2. TYPE OF COMPLETION: NEW WELL ☒ RERE ☐ DEEPEN ☐ REPER ☐ REPAIR ☐ OTHER ☐		070 FARMINGTON, NM																									
3. NAME OF OPERATOR Meridian Oil Inc		4. FIELD OR LEASE NAME, WELL NO. Sunray H Com #6																									
5. ADDRESS AND TELEPHONE NO. PO Box 4289, Farmington, NM 87499 (505) 326-9700		5. API WELL NO. 30-045-29242																									
6. LOCATION OF WELL (Report location clearly and in accordance with any state requirements) At surface 820' ENL, 1060' FEL At top prod. interval reported below At total depth		6. FIELD OR LEASE NAME, WELL NO. WC; (30N10W1) Garlap Basin Dakota																									
14. PERMIT NO.		DATE ISSUED																									
12. COUNTY OR PARISH San Juan		13. STATE NM																									
13. DATE SPUNDED 4-29-95		16. DATE T.D. REACHED 6-14-95																									
17. DATE COMPL. (Ready to prod.) 6-29-95		18. ELEVATIONS (OF. EMB. AT. CR. ETC.) 6538 GR, 6551 KB																									
19. TOTAL DEPTH, MD & TVD 8005		20. PLUG BACK T.D. MD & TVD																									
21. IF MULTIPLE COMPL. HOW MANY?		22. INTERVALS DRILLED BY																									
23. INTERVALS 0-8005		24. LOTARY TOOLS CABLE TOOL																									
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 7582-7763 Dakota		26. WAS DEPTH SUBJECT MEAS																									
27. TYPE ELECTRIC AND OTHER LOGS RUN AIT, GR, Cal-CNT-LDT, APS-NGT-ML, DiPole Sonic, SP		28. WAS WELL COME Yes																									
29. CASING RECORD (Report all strings set in well)																											
<table border="1"><thead><tr><th>CASING SIZE/GRADE</th><th>WEIGHT, LB/FT.</th><th>DEPTH SET (MD)</th><th>HOLE SIZE</th><th>TOP OF CEMENT, CEMENTING RECORD</th><th>AMOUNT OF</th></tr></thead><tbody><tr><td>13 3/8</td><td>48#</td><td>290</td><td>17 1/2</td><td>406 cu.ft.</td><td></td></tr><tr><td>9 5/8</td><td>36#</td><td>3566</td><td>12 1/4</td><td>2303 cu.ft.</td><td></td></tr></tbody></table>				CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT OF	13 3/8	48#	290	17 1/2	406 cu.ft.		9 5/8	36#	3566	12 1/4	2303 cu.ft.							
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT OF																						
13 3/8	48#	290	17 1/2	406 cu.ft.																							
9 5/8	36#	3566	12 1/4	2303 cu.ft.																							
30. LINER RECORD																											
<table border="1"><thead><tr><th>SIZE</th><th>TOP (MD)</th><th>BOTTOM (MD)</th><th>BACKS CEMENT*</th><th>SCREEN (MD)</th><th>SIZE</th><th>DEPTH SET (MD)</th><th>PAKED OUT</th></tr></thead><tbody><tr><td>7</td><td>3266</td><td>6068</td><td>1023 cu.ft.</td><td></td><td>2 3/8</td><td>7535</td><td>7528</td></tr><tr><td>4 1/2</td><td>5920</td><td>8000</td><td>435 cu.ft.</td><td></td><td></td><td></td><td></td></tr></tbody></table>				SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PAKED OUT	7	3266	6068	1023 cu.ft.		2 3/8	7535	7528	4 1/2	5920	8000	435 cu.ft.				
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PAKED OUT																				
7	3266	6068	1023 cu.ft.		2 3/8	7535	7528																				
4 1/2	5920	8000	435 cu.ft.																								
31. PERFORATION RECORD																											
7582-7763																											
AUG - 7 1995																											
OIL CON. DIV.																											
32. ACID SHOT, FRACTURE CEMENT SQUEEZE, ETC.																											
<table border="1"><thead><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL, OR</th></tr></thead><tbody><tr><td>7582-7763</td><td>70,000# 20/40 Resin sd,</td></tr><tr><td></td><td>720 bbl 30# x link gel</td></tr></tbody></table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL, OR	7582-7763	70,000# 20/40 Resin sd,		720 bbl 30# x link gel																		
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL, OR																										
7582-7763	70,000# 20/40 Resin sd,																										
	720 bbl 30# x link gel																										
33. PRODUCTION																											
<table border="1"><thead><tr><th>DATE FIRST PRODUCTION</th><th>PRODUCTION METHOD (Flowing, gas lift, pumps—size and type of pump)</th><th>WELL STATUS (Flowing, shut-in)</th></tr></thead><tbody><tr><td>6-29-95</td><td>Flowing</td><td>SI</td></tr></tbody></table>				DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumps—size and type of pump)	WELL STATUS (Flowing, shut-in)	6-29-95	Flowing	SI																		
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumps—size and type of pump)	WELL STATUS (Flowing, shut-in)																									
6-29-95	Flowing	SI																									
<table border="1"><thead><tr><th>DATE OF TEST</th><th>HOURS TESTED</th><th>CHOKED SIZE</th><th>PROD. FOR TEST PERIOD</th><th>OIL—GAL.</th><th>GAS—MCF.</th><th>WATER—GAL.</th><th>GAS-OIL RATIO</th></tr></thead><tbody><tr><td>SI 2151</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr></tbody></table>				DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD. FOR TEST PERIOD	OIL—GAL.	GAS—MCF.	WATER—GAL.	GAS-OIL RATIO	SI 2151															
DATE OF TEST	HOURS TESTED	CHOKED SIZE	PROD. FOR TEST PERIOD	OIL—GAL.	GAS—MCF.	WATER—GAL.	GAS-OIL RATIO																				
SI 2151																											
34. DISPOSITION OF GAS (Sold, lease for fuel, vented, etc.) To Be sold																											
35. LIST OF ATTACHMENTS None																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED <u>[Signature]</u> TITLE <u>Regulatory Affairs</u> DATE <u>7-27-95</u>																											

*(See Instructions and Specimen 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 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 from well logs, including depth interval tested, casing used, time tool open, flowing and shut-in pressures, and recovery test)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE DEPTH
-----------	-----	--------	-----------------------------	------	-------------	------------

Ojo Alamo	1959'	2016'	White, cr-gr ss.	Ojo Alamo	1959'	
Kirtland	2016'	2846'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2016'	
Fruitland	2846'	3224'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2846'	

Pictured Cliffs	3224'	3955'	Bn-Gry, fine grn, tight ss.	Pictured Cliffs	3224'	
Huerfanto Bentonite*	3955'	4008'	White, waxy chalky bentonite	Chacara	4008'	
Chacara	4008'	4743'	Gry fn grn silty, glauconitic sd stone w/drk gry shale	Cliff House	4743'	

Cliff House	4743'	5060'	ss. Gry, fine-grn, dense sil ss.	Point Lookout	5060'	
Menefee	5060'	5460'	Med-dark gry, fine gr ss, carb sh & coal	Mancos	5460'	
Point Lookout	5460'	5840'	Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation	Gallup	5840'	

Mancos	5840'	6745'	Dark gry carb sh.	Graneros	7530'	
Gallup	6745'	7470'	Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg. interbed sh	Dakota	7678'	

Greenhorn	7470'	7530'	Highly calc gry sh w/thin lmst.	Morrison	7918'	
Graneros	7530'	7678'	Dk gry shale, fossil & carb w/pyrite incl.			
Dakota	7678'	7918'	Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks			

*Huerfanto Bentonite is the legal top of Mesa Verde in New Mexico (North of the Chacara line)

DST #1: 3078-3115'			Core #1: 3085-3115, cut 30', recovered 28'	DST #2: 3185-3225'		
Initial Hydro pressure 1447-1533 psi			Core #2: 3204-3225, cut 21', recovered 10'	Initial Injection Pressure 1525 psi		
Initial Inj Pressure 1418 psi			Core #3: 4828-4840, cut 12', recovered 12'	Initial Hydrostatic Pressure 1487 psi		
Final Injection pressure 1782 psi			Core #4: 4840-4869, cut 30', recovered 14.5'	Final Injection pressure 1693 psi		
BHT 99 @ 3099'			Core #5: 4869-4899, cut 30', recovered 14.5'	Final Hydrostatic pressure 1437 psi		
Final Hydrostatic pressure 1437 psi			Core #6: 4899-4908, cut 9', recovered 36'	BHT @ 3202' 100		
			Core #7: 4908-4944, cut 36', recovered 32.8'			
			Core #8: 4944-4978, cut 34', recovered 30.9'			
			Core #9: 4978-5010, cut 32', recovered 30.9'			
			Core #10: 5268-5285, cut 17', recovered 15'			
			Core #11: 5285-5328, cut 43', recovered 43'			

Squeeze @ 5153-5393 w/100 sx Class "B" cmt