

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRODUCTION OFFICE		

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator Meridian Oil Inc.	
Address PO Box 4289, Farmington, NM 87499	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Dry Gas <input type="checkbox"/> Condensate

SEP 20 1988
OIL CON. DIV.
DIST. 3

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Howell A	Well No. 300	Pool Name, including Formation Undes. Fruitland Coal	Kind of Lease State, (Federal) or Fee	Lease No. SF-078580
Location				
Unit Letter C	1145	Feet From The North	Line and 1810	Feet From The West
Line of Section 5	Township 30N	Range 8W	NMPM, San Juan County	

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Meridian Oil Inc.	PO Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Company	PO Box 4990, Farmington, NM 87499
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit C	Sec. 5
Twp. 30N	Rge. 8W

If this production is commingled with that from any other lease or pool, give commingling order number: _____

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.


Regulatory Affairs (Signature)

September 9, 1988 (Title)
(Date)

OIL CONSERVATION DIVISION

APPROVED SEP 05 1988, 19

BY 

TITLE SUPERVISION DISTRICT #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well X	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 5-5-88	Date Compl. Ready to Prod. 05-18-88		Total Depth 3090'		P.B.T.D.				
Elevations (DF, RKB, RT, CR, etc.) 6297' GL	Name of Producing Formation Fruitland Coal		Top Oil/Gas Pay 3048'		Tubing Depth 3072'				
Perforations 3048-3089' (predrilled liner) w/12 spf						Depth Casing Shoe 3090'			
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12 1/4"	9 5/8"		197'		127 cu. ft.				
8 3/4"	7"		3018'		954 cu. ft.				
6 1/4"	5 1/2"		3090'		did not cmt				
	2 3/8"		3072'						

V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) backpressure	Tubing Pressure (Shut-in) 1525	Casing Pressure (Shut-in) 1490	Choke Size

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/>		2. NAME OF OPERATOR Meridian Oil Inc.		3. ADDRESS OF OPERATOR PO Box 4289, Farmington, NM 87499		4. LOCATION OF WELL (Report location clearly and in accordance with appropriate requirements)* At surface 1145'N, 1810'W At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. SF-078580		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME Howell A		9. WELL NO. 300		10. FIELD AND POOL, OR WILDCAT Undes. Fruitland Coal		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 5, T-30-N, R-8-W NMPM													
15. DATE STUDDERED 5-5-88		16. DATE T.D. REACHED 05-17-88		17. DATE COMPL. (Ready to prod.) 05-18-88		18. ELEVATIONS (DF. RKB, RT, GR, ETC.)* 6297' GL		19. ELEV. CASINGHEAD 6297' GL		20. TOTAL DEPTH, MD & TVD 3090'		21. PLUG. BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY* 1		23. INTERVALS DRILLED BY ROTARY TOOLS yes		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3048-3089' (Fruitland)		25. WAS DIRECTIONAL SURVEY MADE no													
26. TYPE ELECTRIC AND OTHER LOGS RUN --										27. WAS WELL CORRED no																							
28. CASING RECORD (Report all strings set in well)																																	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED																							
9 5/8"		36.0#		197'		12 1/4"		127 cu.ft.																									
7"		20.0#		3018'		8 3/4"		954 cu.ft.																									
29. LINER RECORD																																	
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD		SIZE		DEPTH SET (MD)		PACKER SET (MD)																	
5 1/2"		2957		3090'		did not		cmt		2 3/8"		3072'																					
31. PERFORATION RECORD (Interval, size and number) 3048-3089' (predrilled liner)										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																							
										DEPTH INTERVAL (MD)												AMOUNT AND KIND OF MATERIAL USED											
33. PRODUCTION																																	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing - capable of comm. HC to be sold when connected										WELL STATUS (Producing or shut-in)																					
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD. N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.		WATER—BBL.		GAS-OIL RATIO																			
SI 1525		SI 1490						4774		300																							
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) to be sold										TEST WITNESSED SEP 15 1988 FARMINGTON RESOURCE AREA																							
35. LIST OF ATTACHMENTS																																	

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

SIGNED

TITLE

Regulatory Affairs

DATE

9-9-88

*(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 reports or to conspire as to any matter within its jurisdiction

NMOCC

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, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS				
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME
Ojo Alamo	1940'	2045'	ss. White cr-grn s.	
Kirtland	2045'	2700'	Gry sh interbedded w/tight gry fine-grn ss.	
Fruitland	2700'	3090'	Gry carb sh, scattered coals, coals and gry, tight, fine-grn ss.	Ojo Alamo Kirtland Fruitland
				1940 2045 2700
				MEAS. DEPTH
				TRUE VERT. DEPTH

DEVIATION REPORT

Name of Company Meridian Oil Inc.			Address P.O. Box 4289, Farmington, NM 87499			
Lease Howell A	Well No. 300	Unit Letter C	Section 5	Township 30N	Range 8W	
Pool Undesignated Fruitland			County San Juan			

Depth (Ft.)	Deviation (Degrees)
200'	1/2
703'	1/4
1260'	1/2
1780'	3/4
2282'	3/4
2744'	(3/4)
3015'	1/2

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OIL COM
BUREAU

I, the undersigned, certify that I, acting in my capacity as Petroleum Engineer of Meridian Oil Inc., am authorized by said Company to make this report; and that this report was prepared by me or under my supervision and directions and that the facts stated herein are true to the best of my knowledge and belief.

[Signature]

Subscribed and sworn to before me this 8th day of June, 1988 .

[Signature]
Notary Public in and for San Juan County, New Mexico

My Commission expires August 17, 1988.