

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

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):

New Well
 Recompletion
 Change in Ownership

Change in Transporter of:

Oil
 Casinghead Gas
 Dry Gas
 Condensate

Other (Please explain):

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

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.

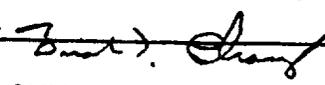
VI. CERTIFICATE OF COMPLIANCE

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 (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, GR, 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 GAS WELL DRY **PH 3:05**

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. DENR. **FARMINGTON RESOURCE AREA FARMINGTON, NEW MEXICO**

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

12. COUNTY OR PARISH
San Juan

13. STATE
NM

14. PERMIT NO. DATE ISSUED

15. DATE SPUDDED 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 CABLE TOOLS

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)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	2957	3090'	did not	cmt	2 3/8"	3072'	

30. TUBING RECORD

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
flowing - capable of comm. HC
to be sold when connected

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)
flowing - capable of comm. HC

WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKER 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 [Signature] TITLE Regulatory Affairs DATE 9-9-88

*(See Instructions and Spaces for Additional Data on Reverse Side)

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, 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
Ojo Alamo	1940'	2045'	ss. White cr-grn s.	Ojo Alamo Kirtland Fruitland	1940 2045 2700	
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.			

DEVIATION REPORT

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

<u>Depth (Ft.)</u>	<u>Deviation (Degrees)</u>
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 COMMISSION
 ALBUQUERQUE

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.

G. Williams

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

James A. Cook
 Notary Public in and for San Juan County, New Mexico

My Commission expires August 17, 1988.