



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

OK  
C1

January 8, 1991

BRUCE KING  
GOVERNOR

Southland Royalty Co.  
c/o Meridian Oil, Inc.  
P.O. Box 4289  
Farmington, NM 87499-4289

Attention: Peggy Bradfield

POST OFFICE BOX 2088  
STATE LAND OFFICE BUILDING  
SANTA FE, NEW MEXICO 87504  
(505) 827-5800

RECEIVED  
JAN 5 1991  
OIL CON. DIV  
DIST. 3

*Administrative Order NSL-2970*

Dear Ms. Bradfield:

Reference is made to your application dated September 25, 1990 on behalf of Southland Royalty Company for a non-standard Basin-Fruitland coal gas well location for your existing Cain Well No. 3R which was drilled in 1978 and completed in the Blanco Mesaverde Pool at a standard gas well location 1610 feet from the South line and 810 feet from the East line (Unit I) of Section 30, Township 29 North, Range 9 West, NMPM, San Juan County, New Mexico.

It is our understanding that said well will be dually completed in both the Blanco Mesaverde and Basin-Fruitland Coal Gas Pools; however, pursuant to the Special Rules and Regulations for the Basin-Fruitland Coal Gas Pool as promulgated by Division Order No. R-8768, the subject location is unorthodox. Further, Lots 8 through 15 (S/2 equivalent) of said Section 30 shall be dedicated to the well forming a standard 268.42-acre gas spacing and proration unit for said pool.

By the authority granted me under the provisions of Rule 8 of said Division Order No. R-8768, the above-described unorthodox coal gas well location is hereby approved.

Sincerely,

William J. LeMay  
Director

WJL/MES/ag

cc: Oil Conservation Division - Aztec  
US Bureau of Land Management - Farmington  
File: Case No. 10149  
W. Thomas Kellahin - Santa Fe



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION  
AZTEC DISTRICT OFFICE

1000 RIO HUAZOS ROAD  
AZTEC, NEW MEXICO 87410  
(505) 334-0178

GARREY CARPENTERS  
GOVERNOR

Date: 11-26-90

*Arthur M. Stegner*

Oil Conservation Division  
P.O. Box 2088  
Santa Fe, NM 87504-2088

Re: Proposed MC \_\_\_\_\_  
Proposed DHC \_\_\_\_\_  
Proposed NSL X \_\_\_\_\_  
Proposed SWD \_\_\_\_\_  
Proposed WFX \_\_\_\_\_  
Proposed PMX \_\_\_\_\_

Gentlemen:

I have examined the application dated 10-27-90  
for the Mendocino Oil Inc. - Case # 3R  
Operator Lease & Well No.

T-30-291'-9u' and my recommendations are as follows:  
Unit, S-T-R

*Approved*

Yours truly,

*Gene Busch*

# MERIDIAN OIL

September 25, 1990

**RECEIVED**

SEP 27 1990

**OIL CON. DIV.**

**DIST. 3**

Federal Express

Mr. William LeMay  
New Mexico Oil Conservation Division  
310 Old Santa Fe Trail  
Santa Fe, New Mexico 87503

RE: Cain #3R  
1610'FSL, 810'FEL  
Section 30, T-29-N, R-09-W  
San Juan County, New Mexico

Dear Mr. LeMay:

This is a request for administrative approval for a non-standard gas well location in the Basin Fruitland Pool.

Meridian Oil intends to recompleate the Cain #3R well in the Basin Fruitland Coal pool and dual with the existing Mesa Verde formation. The current location of this well is 1610'FSL, 810'FEL, Section 30, T-29-N, R-09-W, San Juan County, New Mexico. The well is considered non-standard due to the NE-SW dedicated pattern established for the Basin Fruitland Coal Pool. To comply with the New Mexico Oil Conservation Division rules, Meridian is submitting the following for your approval of this non-standard location:

1. C-102 plat showing location of the well;
2. Plat showing offset owners/operators;
3. Affidavit of notification of offset owners/operators;
4. Copy of Well Completion Log for original completion.

A copy of this application is being submitted to all offset owners/operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Sincerely yours,



Peggy Bradfield  
encl.

## WAIVER

\_\_\_\_\_ hereby waives objection to Meridian Oil Inc.'s application for a non-standard location for their Cain #3R as proposed above.

By: \_\_\_\_\_ Date: \_\_\_\_\_

xc: Meridian Oil Inc.  
Amoco Production Company

Cain #3R  
1610'FSL, 810'FEL  
Section 30, T-29-N, R-09-W  
San Juan County, New Mexico

I hereby certify that the following offset owners/operators have been notified by certified mail of our application for administrative approval for non-standard gas well location for the plugback and recompletion of the above well.

Meridian Oil Inc.  
P.O. Box 4289  
Farmington, NM 87499

Amoco Production Co.  
P.O. Box 800  
Denver, CO 80201



Peggy Bradfield  
September 25, 1990

San Juan County  
State of New Mexico

My commission expires August 17, 1992

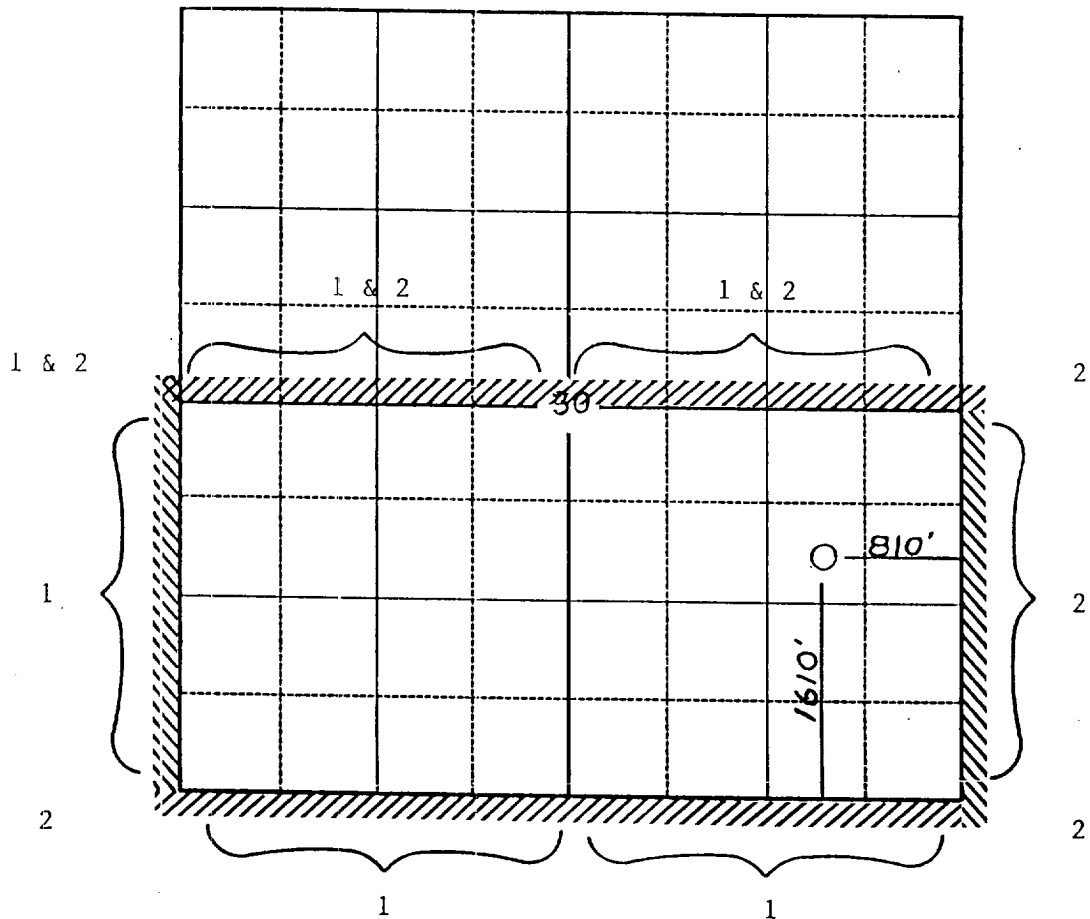
MERIDIAN OIL INC

Well Name Cain #3R

Footage 1610' FSL; 810' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 30 Township 29N Range



Remarks (1) Meridian Oil Inc.

(2) Amoco Production Company

NEW MEXICO OIL CONSERVATION COMMISS.  
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102  
Supersedes C-128  
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator <b>SOUTHLAND ROYALTY COMPANY</b>			Lease <b>CAIN SF-080781</b>		Well No. <b>3-3</b>
Unit Letter <b>I</b>	Section <b>30</b>	Township <b>29N</b>	Range <b>9W</b>	County <b>San Juan</b>	
Actual Footage Location of Well: <b>1610</b> feet from the <b>South</b> line and <b>810</b> feet from the <b>East</b> line					
Ground Level Elev. <b>5701'</b>	Producing Formation <b>Mesa Verde/Fruitland</b>		Pool <b>Coal Blanco/Basin</b>	Dedicated Acreage <b>268.42</b> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

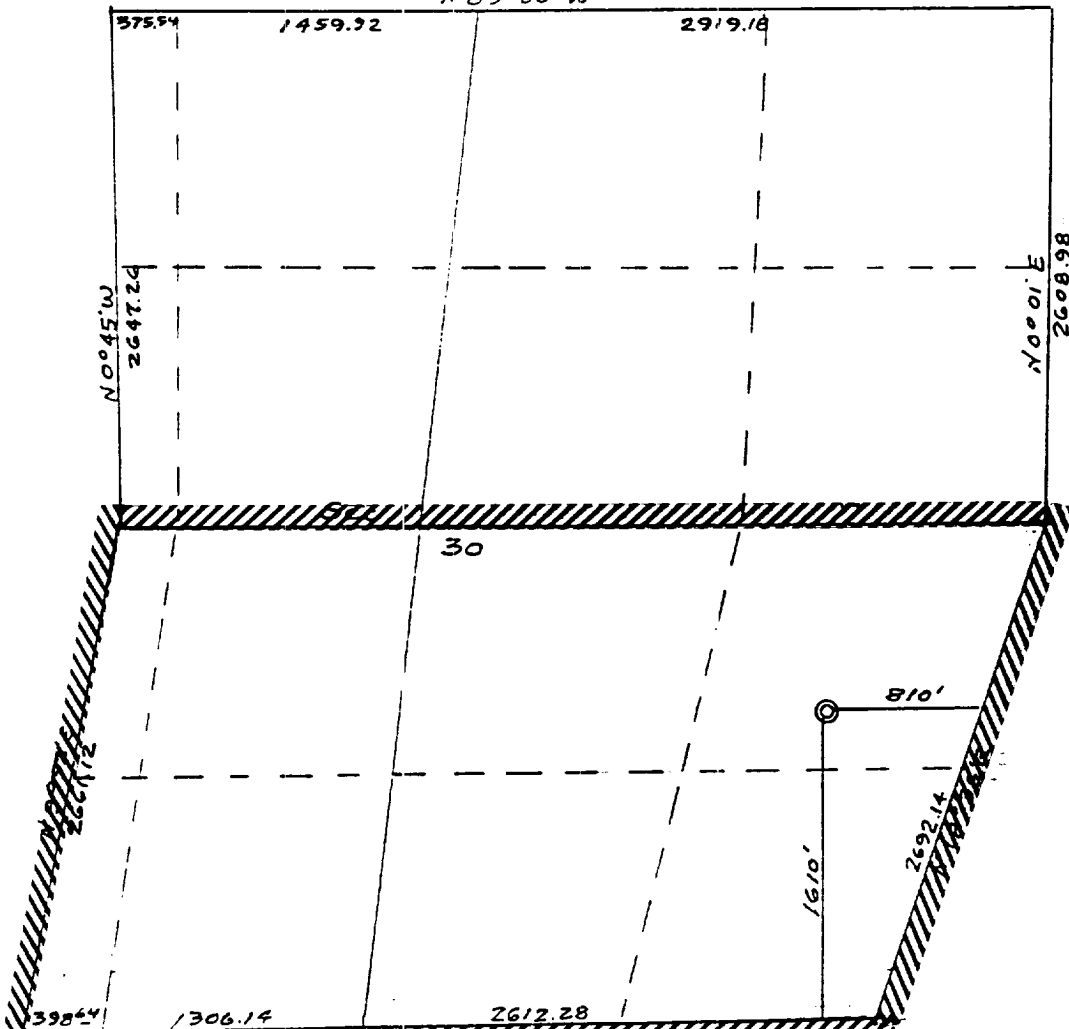
☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) \_\_\_\_\_

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.

Scale: 1" = 1000'

N 89° 00' W



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name  
**Peggy Bradfield**  
Position  
**Regulatory Affairs**  
Company  
**Meridian Oil Inc.**  
Date  
**May 5, 1973**

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed  
**May 5, 1973**  
Registered Professional Engineer and Land Surveyor  
**Fred B. Kerr Jr.**  
Certificate No.  
**2608**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on  
reverse side)Form approved.  
Budget Bureau No. 42-R355.5.5. LEASE DESIGNATION AND SERIAL NO.  
SF-080781

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cain

9. WELL NO.

3R

10. FIELD AND POOL, OR WILDCAT

Blanco Mesaverde

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Section 30, T29N, R9W

12. COUNTY OR  
PARISH

San Juan

13. STATE

New Mexico

## 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"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						14. PERMIT NO.	
SOUTHLAND ROYALTY COMPANY						DATE ISSUED	
3. ADDRESS OF OPERATOR						15. DATE SPUDDED	
P. O. DRAWER 570, FARMINGTON, NEW MEXICO 87401						7-24-78	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						16. DATE T.D. REACHED	
At surface 1610' FSL & 810' FEL						7-29-78	
At top prod. interval reported below						17. DATE COMPL. (Ready to prod.)	
At total depth						10-18-78	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)*						19. ELEV. CASINGHEAD	
5701' GR						7501' GR	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
4651'		4576'				0-4651'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
4050'-4515' Mesaverde						Deviation	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
GR-Induction, GR-Density, GR-Correlation						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#	234'	12-1/4"	120 SXS	
7"	20#	2292'	8-3/4"	200 SXS	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	2113'	4648'	300 SXS		2-3/8"	4449'	----

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
4050', 4055', 4060', 4065', 4306', 4310', 4316', 4343', 4347', 4355', 4360', 4365', 4383', 4423', 4443', 4450', 4511', 4515'				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED*
				4050'-4515'	78,036 gals water
					41,500# 20/40 sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
		Flowing				shut in	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10-25-78	3 hrs	3/4"					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
192	482			3,078			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
Sold						Mike Cattaneo	

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 District Production Manager DATE October 26, 1978

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