

UNITED STATES
DEPARTMENT OF THE INTERIOR

RECEIVED
NOV 08 1990

BUREAU OF LAND MANAGEMENT 30-039-25011
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL		5. Lease Number SF-078893	
1b. Type of Well GAS		6. If Indian, Name of Tribe or Allottee	
2. Operator <i>14538 See attached Memorandum</i> Evergreen Operating Corporation		7. Unit Agreement Name ROSA UNIT	
3. Address & Phone No. of Operator SA. R. KENDRICK BOX 516, AZTEC, NM 87410 (505) 334-2555		8. Farm or Lease Name ROSA UNIT 7440	
4. Location of Well (Unit P) 985' FSL 1005' FEL		9. Well Number 305 306	
		10. Field, Pool, or Wildcat <i>71629</i> BASIN-FRUITLAND COAL GAS POOL	
		11. Section, Township, & Range, Meridian, or Block P-22-31N-4W	
14. Distance in Miles from Nearest Town 14 MILES WEST OF DULCE, NM		12. County RIO ARRIBA	13. State NEW MEXICO
15. Distance from Proposed Location To Nearest Property Line or Lease Line. 985'	16. Acres in Lease 1920 Acres	17. Acres Assigned to Well E-320 Acres	
18. Distance From Proposed Location To Nearest Well Dr., Compl., Or Applied For On Lease. 133'	19. Proposed Depth 4465'	20. Rotary or Cable Tools ROTARY	
21. Elevations (DF, RT, OR, Etc.) 7391' OR		22. Approximate Date Work Will Start. As soon as Possible.	

23. Proposed Casing and Cementing Program:

This action is subject to technical and procedural review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4.

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS".

Exhibits attached as follows:

- | | |
|--------------------------------------|-----------------------------------|
| "A" Location and Elevation Plot | "F" Location Profile |
| "B" Vicinity Map - Access Roads | "G" Drill Rig Layout |
| "C" Ten-Point Compliance Program | "H" Completion Rig Layout |
| "D" Multi-Point Requirements for APD | "I" Production Facility Schematic |
| "E" Blowout Preventer Schematic | |

24. Signed *AR Kendrick* Title Agent Date June 13, 1990

Permit No. _____ Approval Date AS APPLICABLE

Approved By _____ Title _____ Date OCT 09 1990

APPROVED
AS APPLICABLE

Kon Townsend

NOTE: THIS FORMAT IS ISSUED IN LIEU OF U.S. BLM FORM 3160-3. FOR AREA MANAGER

NMOCD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

1. TYPE OF WELL GAS		5. LEASE NUMBER SF-078893	
2. OPERATOR MERIDIAN OIL INC.		6. IF INDIAN, ALL. OR TRIBE NAME	
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499		7. UNIT AGREEMENT NAME ROSA UNIT	
4. LOCATION OF WELL 965' FSL 990' FEL		8. FARM OR LEASE NAME ROSA UNIT	
		9. WELL NO. 305	
		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
		11. SEC. T. R. M OR BLK. SEC. 22 T31N R04W NMPM	
14. PERMIT NO.	15. ELEVATIONS 7210' GL	12. COUNTY RIO ARRIBA	13. STATE NM
16. OTHER: Revision			
17. Describe proposed or completed operations			

Meridian Oil Incorporated will operate the Rosa Unit #305 previously submitted by Evergreen Operating Corporation as the Rosa Unit #306.

Attached is a copy of the C-102 showing the revised location for this well.

RECEIVED

NOV 08 1990

OIL CON. DIV.
DIST. 3

18. AUTHORIZED BY:

[Signature]
REGULATORY AFFAIRS

8-21-90

DATE

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-5.

=====

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITION OF APPROVAL, IF ANY:

NMCOO

Submit to Assessor
District Office
State Lands - 4 copies
Fee Lands - 3 copies

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-8

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I
P.O. Box 1900, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 00, Azusa, NM 88210

DISTRICT III
1000 Rio Grande Rd., Azusa, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT
All Distances must be from the clear boundaries of the section

Operator Meridian Oil Inc.			Lease Rosa Unit (SF-078893)		Well No. 305
Unit Letter P	Section 22	Township 31N	Range 4W	County Rio Arriba	
Actual Footage Location of Well: 965' feet from the South line and 990' feet from the East line					
Ground level Elev. 7210'		Producing Formation Fruitland Coal		Pool Basin	
Dedicated Acreage: 320					Acre

1. Outline the acreage dedicated to the subject well by correct pencil or ballpoint 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 interest of all owners been consolidated by commutation, unitization, lease-pooling, etc.?
☒ Yes ☐ No If answer is "yes" type of consolidation unitization
If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use several lines of this form if necessary.)
No allowable well be assigned to the well until all interests have been consolidated (by commutation, unitization, lease-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.

Revised to show
moved location
Reissued to show
name change

OPERATOR CERTIFICATION

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

Signature
Peggy Bradfield

Printed Name
Peggy Bradfield

Position
Regulatory Affairs

Company
Meridian Oil Inc.

Date
8-21-90

Date
8-21-90

Date
8-21-90

Date
8-21-90

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes, 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
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

Date
7-25-90

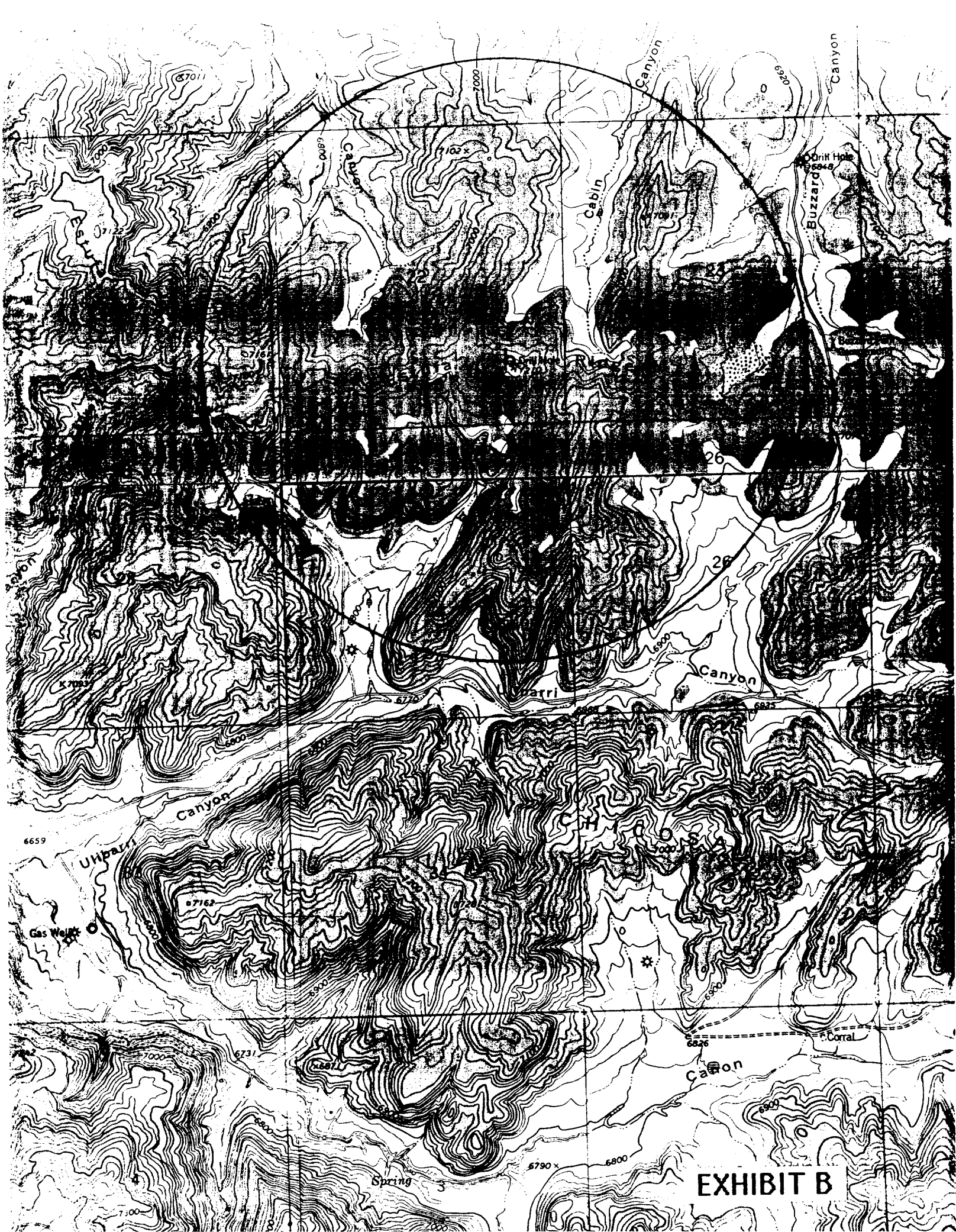
Date
7-25-90

Date
7-25-90

Date
7-25-90



Neale Edwards



TEN-POINT COMPLIANCE PROGRAM**1**

Evergreen Operating Corp.
Rosa Unit #306
985' FSL 1085' FEL, Sec. 22-T31N-R4W
Elev. 7391' GR
Lease No. **SF-078893**

1. THE GEOLOGICAL SURFACE FORMATION IS: Nacimiento.
2. THE ESTIMATED TOPS OF IMPORTANT GEOLOGICAL MARKERS:

Ojo Alamo	3661'
Kirtland	3791'
Fruitland	4081'
Fruitland Coal	4136'
Pictured Cliffs	4211'
Total Depth	4461'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

<u>SUBSTANCE</u>	<u>FORMATION</u>	<u>ANTICIPATED DEPTH</u>
GAS	Fruitland Coal	4136'

4. THE PROPOSED CASING PROGRAM WILL BE AS FOLLOWS:

<u>DEPTH</u>	<u>HOLE SIZE</u>	<u>O.D.</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>TYPE</u>	<u>NEW/USED</u>
0-350'	12-1/4"	9-5/8"	36	K-55	ST&C	NEW
0-TD	7-7/8"	5-1/2"	15.5	K-55	ST&C	NEW

THE PROPOSED CEMENT PROGRAM WILL BE AS FOLLOWS:

Surface: 190 Sx Class B w/1/4* Flocele/Sx plus 2% CaCl.

Production: 500 Sx Class B w/2% Calcium Chloride and 0.5 cubic feet per sack perlite followed by 222 Sx Class B 50/50 poz w/2% gel, 0.4% NaCl and 1/4 pound/sack Flocele, possibly in two stages with the stage collar 200 to 300 feet above the coal.

Note: Sufficient cement volume to cover casing bottom to top to be determined after logging.

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Exhibit E is a schematic of the blowout preventer used by a local contractor for other wells in the area. The BOPs are to be test-operated before drilling out from under the surface casing, and operation checks will be made daily thereafter and recorded in the Daily Drilling Report. Accessories to BOP will include floor safety valve and choke manifold with pressure rating equivalent to the BOP stack.

EXHIBIT C