

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

B. TYPE OF WELL

OIL  
WELL ☐

GAS  
WELL ☒

OTHER

SINGLE  
ZONE ☒

MULTIPLE  
ZONE ☐

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 any State requirements)

At surface  
1660'N, 1180'E

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

2 miles to Cedar Hill, NM

15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any) 1180'

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

300'

16. NO. OF ACRES IN LEASE

19. PROPOSED DEPTH

2977'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

160.00 159.30

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6191'GL

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

22. APPROX. DATE WORK WILL START\*

23. PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to technical  
procedural review pursuant to 43 CFR 31.60  
and appeal pursuant to 43 CFR 31.60.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	9 5/8"	32.3#	200'	130 cf. circulated
8 3/4"	7"	20.0#	2767'	159 cf cover Ojo Alamo
6 1/4"	5 1/2" liner	23.0#	2977'	do not cement

The Fruitland coal formation will be completed.

A 3000 psi WP and 6000 psi test double gate preventer equipped with  
blind and pipe rams will be used for blow out prevention on this well.

This gas is dedicated.

The NE/4 of Section 9 is dedicated to this well.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED James E. Edwards TITLE Regulatory Affairs DATE 09-01-88

(This space for Federal or State office use)

PERMIT NO. Approval of this action does

APPROVAL DATE SEP 08 1988

not warrant that the applicant  
CONDITIONS OF APPROVAL, IF ANY:  
holds legal or equitable rights  
or title to this lease."

TITLE

APPROVED  
AS AMENDED

SEP 08 1988  
James E. Edwards  
AREA MANAGER

\*See Instructions On Reverse Side

## OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088  
SANTA FE, NEW MEXICO 37501Form C-102  
Revised 10-1-78

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

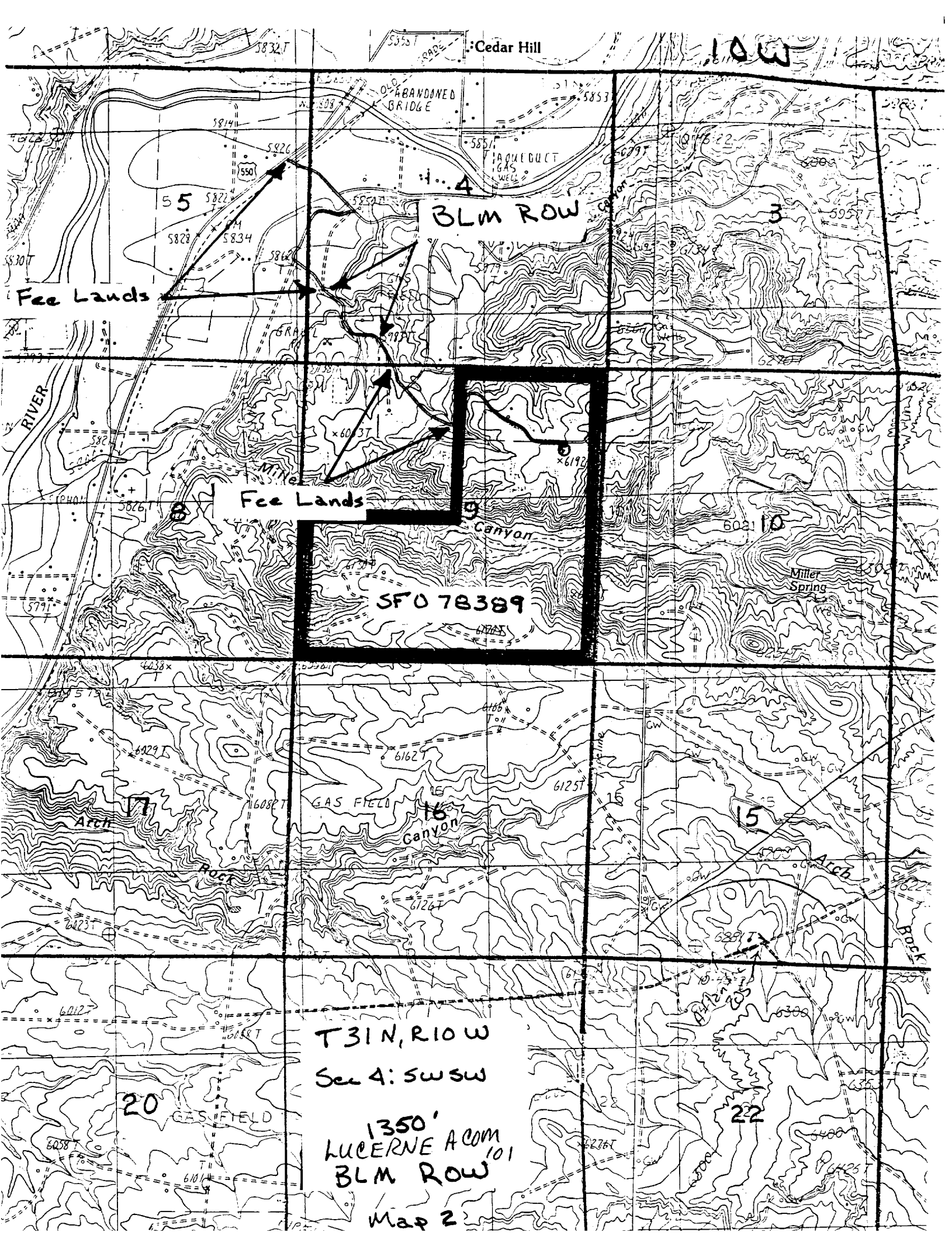
Operator Meridian Oil Co.			Lease Lucerne "A" Com SF-078389		Well No. 101
Unit Letter H	Section 9	Township T31N	Range R10W	County San Juan County	
Actual Footage Location of Wells					
1660 feet from the North line and		1180 feet from the East line			
Ground Level Elev. 6191	Producing Formation Fruitland Coal	Pool Undesignated		Dedicated Acreage 160/59.30 acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 communitization

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 Division.

	<p><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>R. Howard Daggett</i> Name Regulatory Affairs</p> <p>Position Meridian Oil Inc.</p> <p>Company 9-1-88</p> <p>Date</p>
	<p>I hereby certify that the 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.</p> <p><b>R. HOWARD DAGGETT</b> NEW MEXICO REGISTERED PROFESSIONAL LAND SURVEYOR 1987</p> <p>Registered Professional Land Surveyor</p> <p>Date Surveyed July 13, 1988</p> <p>Registered Land Surveyor R. Howard Daggett</p> <p>Certificate No. 9679</p>



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	3. LEASE DESIGNATION AND SERIAL NO. SF-078389
2. NAME OF OPERATOR Meridian Oil Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 4289, Farmington, NM 87499	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 1660'N, 1180'E	8. FARM OR LEASE NAME Lucerne A Com
14. PERMIT NO	9. WELL NO. 101
15. ELEVATIONS (Show whether OP, RT, OR, etc.) 6191'GL	10. FIELD AND POOL, OR WILDCAT Basin Fruitland Coal
	11. SEC., T., R., M., OR BLE. AND SUBST OR AREA Sec.9, T31N, R10W NMPM
	12. COUNTY OR PARISH San Juan
	13. STATE NM

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

(Other) Revision ☒

CELL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

ABANDON\* ☐

CHANGE PLANE ☐

(Other) ☒

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

FRACTURE TREATMENT ☐

SHOOTING OR ACIDIZING ☐

(Other) ☐

REPAIRING WELL ☐

ALTERING CASING ☐

ABANDONMENT\* ☐

(Other) ☐

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Attached is a copy of the C102 showing the revised pool & dedication.

RECEIVED

DEC 28 1988

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

18. I hereby certify that the foregoing is true and correct

SIGNED

*[Signature]*

TITLE

Regulatory Affairs

ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY

TITLE

JAN 12 1989

CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

BY

*[Signature]*

\*See Instructions on Reverse Side

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

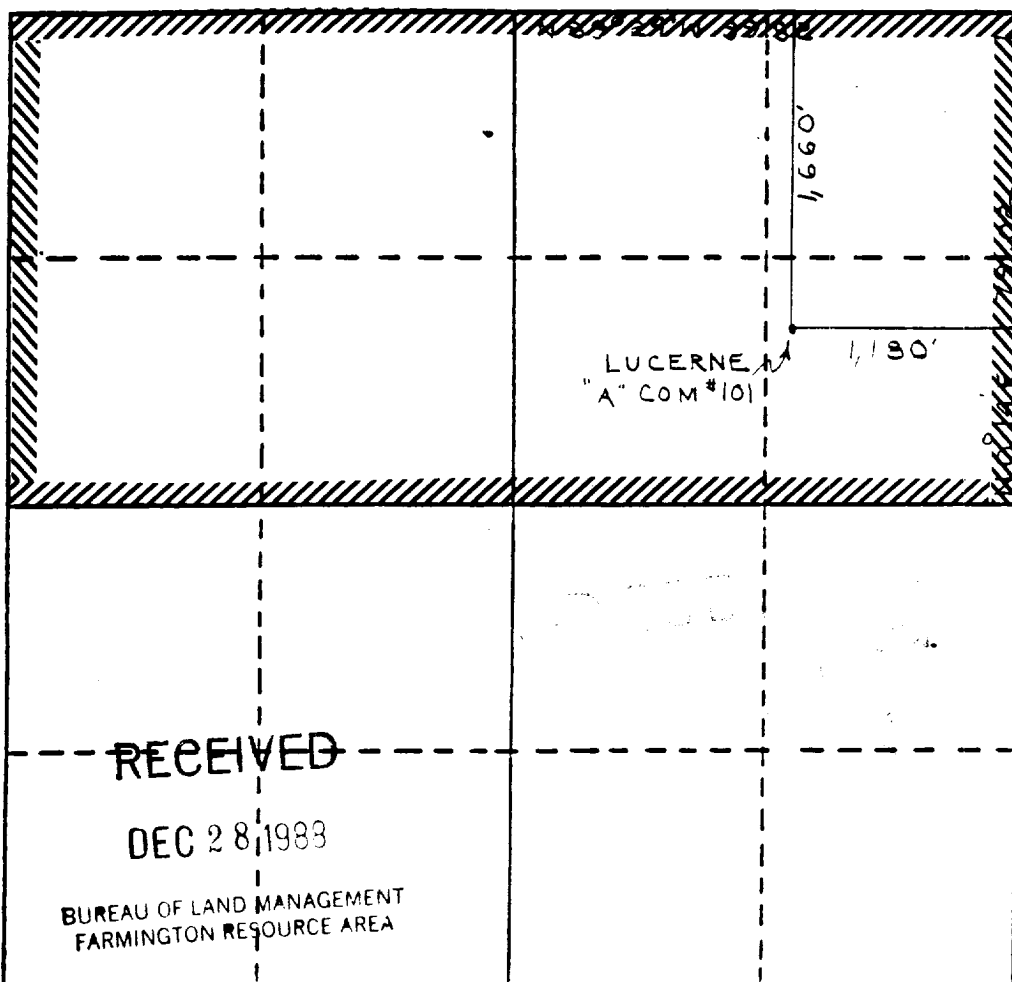
Operator <b>Meridian Oil Co.</b>		Lease <b>Lucerne "A" Com SF-078389</b>		Well No. <b>101</b>
Unit Letter <b>H</b>	Section <b>9</b>	Township <b>T31N</b>	Range <b>R10W</b>	County <b>San Juan County</b>
Actual Postage Location of Wells <b>1660</b> feet from the <b>North</b> line and <b>1180</b> feet from the <b>East</b> line				
Ground Level Elev. <b>6191</b>	Producing Formation <b>Fruitland Coal</b>		Pool <b>Basin</b>	Dedicated Acreage <b>319.85320</b> Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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 Communitization

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 Division.



**CERTIFICATION**

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

Name Regulatory Affairs

Position Meridian Oil Inc.

Company 12-23-88

Date

I hereby certify that the information 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.

Registered Professional Land Surveyor

Date Surveyed July 13, 1988

Registered Land Surveyor  
R. Howard Daggett

Certificate No. 9679