

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
ELEMENT ROOM

5. LEASE DESIGNATION AND SERIAL NO.  
SF 078138

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hartman Com

9. WELL NO.  
6

10. FIELD AND POOL, OR WILDCAT  
Blanco Mesa Verde

11. SEC. T. R. M., OR S.E. AND SURVEY OR AREA  
H Sec. 23, T-30-N, R-11-W  
NMPM

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1A. TYPE OF WORK  
DRILL  DEEPEN  PLUG BACK

1B. TYPE OF WELL  
OIL WELL  GAS WELL  OTHER

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 1460'N, 790'E  
At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
3 miles SW of Aztec, NM

15. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)

16. NO. OF ACRES IN LEASE  
320.00, 2, 06 3.26

17. NO. OF ACRES ASSIGNED TO THIS WELL  
N 320.00 318.63

18. DISTANCE FROM PROPOSED LOCATION\* TO NEAREST WELL, DRILLING, COMPLETED OR APPLIED FOR, ON THIS LEASE, FT.  
790'

19. PROPOSED DEPTH  
5225'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
6052' GL

22. APPROX. DATE WORK WILL START\*

This action is subject to technical and procedural review pursuant to 43 CFR 3163.3 and appeal pursuant to 43 CFR 3185.4

PROPOSED CASING AND CEMENTING PROGRAM  
DRILLING OPERATIONS AUTHORIZED ARE SUBJECT TO COMPLIANCE WITH ATTACHED GENERAL REQUIREMENTS

CASING	WEIGHT PER FOOT	SETTING DEPTH	GENERAL REQUIREMENTS
12 1/4"	9 5/8"	32.3#	200'
8 3/4"	7"	20.0#	2790'
6 1/4"	4 1/2"	10.5#	2640-5225'
			125 cu.ft.circulated
			500 cu.ft.cover Ojo Alamo
			451 cu.ft.circ. liner

Selectively perforate and sand water fracture the Mesa Verde formation.

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 N/2 of Section 23 is dedicated to this well.

"Approval of [unclear] not warranted [unclear] holder [unclear] or [unclear]"

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OCT 19 1987  
OIL CON. DIV.  
DIST. 3

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 [Signature] TITLE Drilling Clerk DATE 10-05-87

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE APPROVED

APPROVED BY \_\_\_\_\_ TITLE AS ASSIGNED

CONDITIONS OF APPROVAL, IF ANY:

OK  
EB

NMOCC

\*See Instructions On Reverse Side

OCT 15 1987  
Robert [unclear]  
AREA MANAGER

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501

Form C-102  
Revised 10-1-78

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

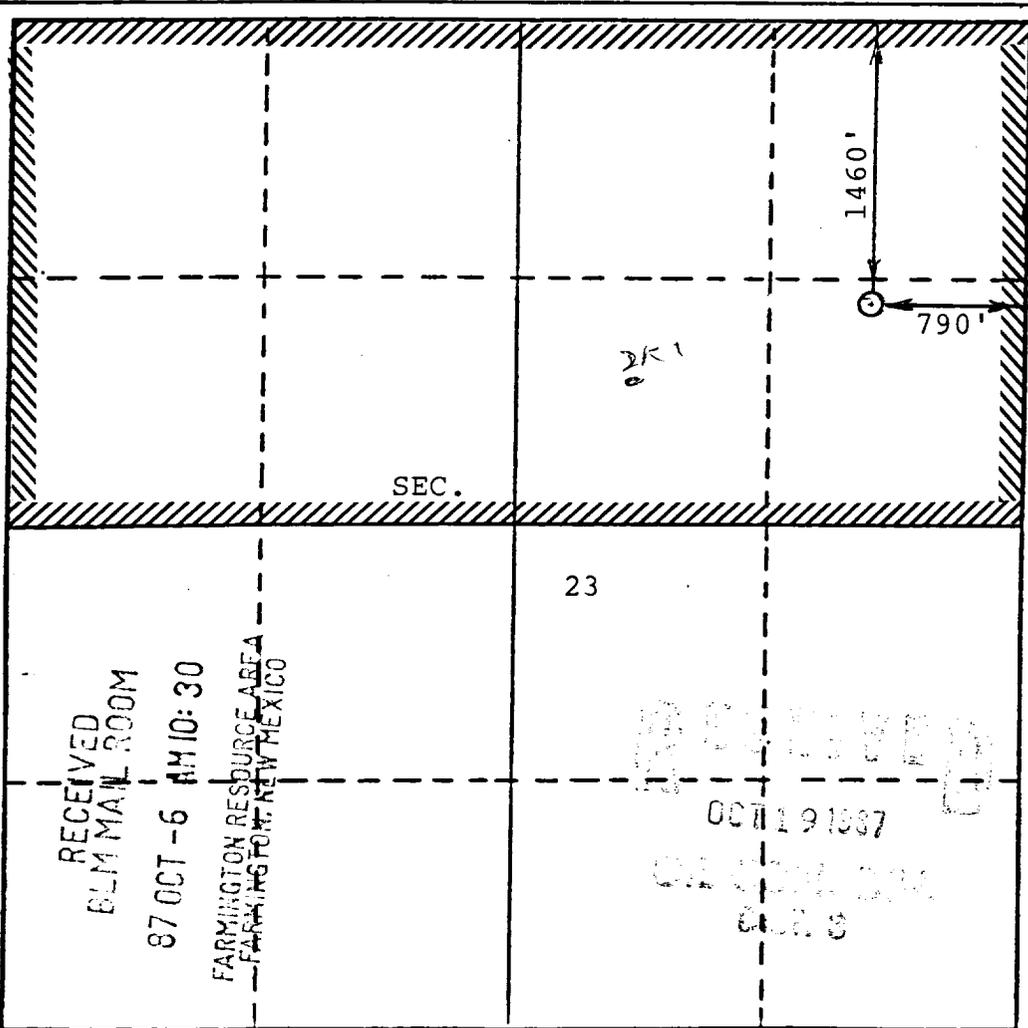
Operator MERIDIAN OIL INC.			Lease HARTMAN COM (SF-078138)		Well No. 6
Unit Letter H	Section 23	Township 30-N	Range 11-W	County SAN JUAN	
Actual Footage Location of Well: 1460 feet from the NORTH line and 790 feet from the EAST line					
Ground Level Elev. 6052	Producing Formation Mesa Verde		Pool Blanco	Dedicated Acreage: 320 318.63 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 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.

*[Signature]*

Name  
Drilling Clerk  
Meridian Oil Inc.

Company  
10-5-87

Date

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.

SEPTEMBER 25, 1987

Date Surveyed  
DAVID M. KELSEY

Registered Professional Engineer and/or Land Surveyor

*[Signature]*

Certificate No.  
5855

RECEIVED  
BLM MAIL ROOM  
87 OCT -6 AM 10:30

FARMINGTON RESOURCE AREA  
FARMINGTON, NEW MEXICO

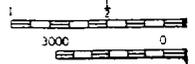
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OCT 19 1987  
OIL CONSERVATION DIVISION

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

*Hartman Com #6*  
*NE 23-30-11*



460,000 FEET  
 Edited and published by the Geological Survey  
 by USGS and USC&GS  
 by stereometric methods from aerial



Map #2

**LEGEND OF RIGHT-OF-WAYS**

- EXISTING ROADS
- EXISTING PIPELINES
- EXISTING ROAD & PIPELINE
- PROPOSED ROADS
- PROPOSED PIPELINES
- PROPOSED ROAD & PIPELINE

DMV  
 E 1  
 300  
 2  
 ITE  
 44-2  
 INV  
 APS