

MERIDIAN OIL INC.

1

01-14-91

**F. loc.** 2335/S; 1850/W

Flav 5835 GL

Spd.

Comp.

**ID**

PB

Cosing S.  
Csq.Perf.

①

W

**Sx**

In

1

1

1

**Sx.**

**1.**

②

W

I

6

**T** Gas  
**R**  
**A**  
**N**  
**S**

Grav.

1st Del. Gas

**I.P.**

BO/D

MCF/D After

Hrs

## SICP

PSI After

Days GOR

1st Del Oil

TOPS		NTD	X	Well Log	TEST DATA								
Ojo Alamo		C - 103		Plat	X	Schd.	PC	Q	PW	PD	D	Ref.No.	
Kirtland		C - 104		Electric Log									
Fruitland				C - 122									
Pictured Cliffs		Ditr		Dfa									
Chacra		Datr		Dac									
Cliff House													
Menefee													
Point Lookout													
Mancos													
Gallup													
Greenhorn													
Dakota													
Entrada													
		W/332.92 Acres											

P  
o

BasinFrCoalCo. SJ S 07 T 27NR LOW UK Oper. Meridian Oil, Inc. Lse. Rowlev No. 500

**INSERT**

**LARGE FORMAT**

**HERE**



201 1010

**RECEIVED**  
JAN 25 1993  
OIL CON. DIV  
DIST. 3

NM SF 077875 et al. (WC)  
3162.3-1.0 (070)

JAN. 21 1993

Mr. John Caldwell  
Meridian Oil Incorporated  
P.O. Box 4289  
Farmington, NM 87499-4289

Dear Mr. Caldwell:

References are made to your Applications for Permit to Drill (APDs), the wells listed on the enclosed list. Please note that it is the policy of this office to grant extensions of APDs up to a total of one year from the original expiration date. As extensions have been granted for a total of one year from the original expiration date, the subject APDs will expire as of the expiration date of the last extension. Your sundry notices of December 23, 1992 are returned with no action taken. Any expired APD may be resubmitted at any time when definite drilling plans are formulated.

You are required to request surface rehabilitation instructions from this office if construction activities occurred on any of the referenced drill sites that are not spudded prior to expiration. If this office does not receive comment within 30 days, it will be presumed that no construction occurred. Later discovery that construction activities have occurred, may result in assessment of liquidated damages. If you have any questions, please contact Mr. Errol Becher of this office at (505) 599-8914.

Sincerely,

**Ken Townsend**

Ken Townsend  
Chief, Branch of Drilling & Production

Enclosure

cc:  
New Mexico Oil Conservation Division  
1000 Rio Brazos Rd., Aztec, NM 87410 w/list

**ABANDONED LOCATION**

Expiring APDs  
Meridian Oil Incorporated

<u>Well No/Name</u> <u>Expiration Date</u>	<u>Location</u>	<u>Lease</u>
500 Rowley January 4, 1993 ✓	2335' FSL & 1850' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$ , Sec. 7, T. 27 N., R. 10 W. San Juan County, NM	SF 077875
500 McAdams January 11, 1993	790' FNL & 1010' FEL (NE $\frac{1}{4}$ NE $\frac{1}{4}$ ), Sec. 28, T. 27 N., R. 10 W. San Juan County, NM	SF 077941A

**ABANDONEE LOCATION**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

20-045-20499  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL	5. LEASE NUMBER SF-077875
1b. TYPE OF WELL GAS	6. IF INDIAN, ALL. OR TRIBE NAME
2. OPERATOR MERIDIAN OIL INC.	7. UNIT AGREEMENT NAME
3. ADDRESS & PHONE NO. OF OPERATOR P O BOX 4289 FARMINGTON, NM 87499	8. FARM OR LEASE NAME ROWLEY
4. LOCATION OF WELL 2335' FSL 1850' FWL	9. WELL NO. 500
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. K SEC. 7 T27N R10W NMPM
14. DISTANCE IN MILES FROM NEAREST TOWN 10 MILES S. OF BLOOMFILED	12. COUNTY SAN JUAN
	13. STATE NM
15. DISTANCE FROM PROPOSED LOCATION 1850' TO NEAREST PROPERTY OR LEASE LINE.	16. ACRES IN LEASE 17. ACRES ASSIGNED TO WELL W/ 332.92
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL DR. 1257' COMPL., OR APPLIED FOR ON THIS LEASE.	19. PROPOSED DEPTH 20. ROTARY OR CABLE TOOLS 1653' ROTARY
21. ELEVATIONS (DF, FT, GR, ETC.) 5835' GL	22. APPROX. DATE WORK WILL START

23. PROPOSED CASING AND CEMENTING PROGRAM

\*SEE OPERATIONS

24. AUTHORIZED BY:

REG. DRILLING ENGR.

RECEIVED

JAN 14 1991

OIL CON. DIV.  
DIST. 3

10/13/90  
DATE

PERMIT NO. \_\_\_\_\_

APPROVAL DATE \_\_\_\_\_

APPROVED  
AS AMENDED

APPROVED BY \_\_\_\_\_

TITLE \_\_\_\_\_

DATE \_\_\_\_\_

NOTE: THIS FORMAT IS ISSUED IN LIEU OF US BLM FORM 3160-73

AREA MANAGER

Submit to Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

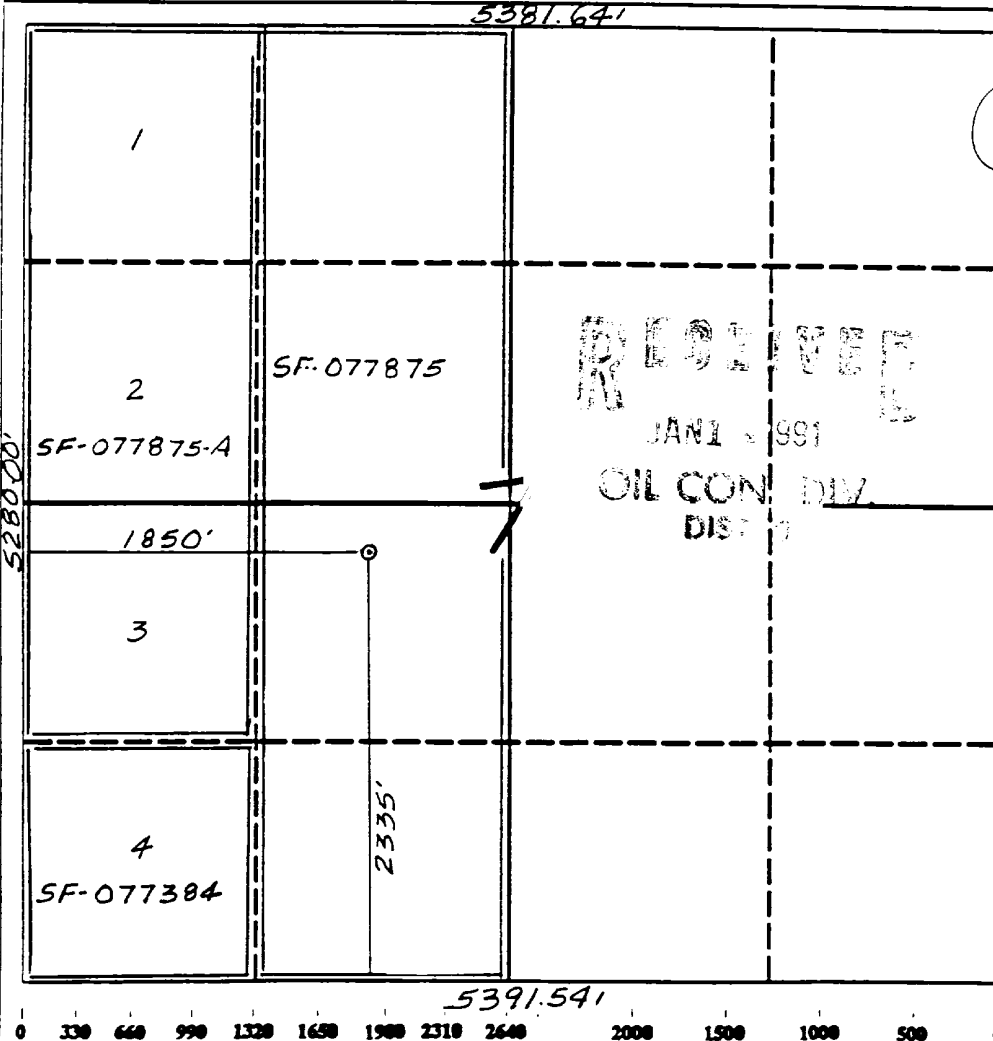
DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Meridian Oil Inc.			Lease Rowley		Well No. 500
Unit Letter K	Section 7	Township 27 North	Range 10 West	County San Juan	
Actual Footage Location of Well: 2335 feet from the South line and 1850 feet from the West line					
Ground level Elev. 5835'	Producing Formation Fruitland Coal		Pool Basin	Dedicated Acreage: 332.92 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or highlighter 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 interest 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 interest, has been approved by the Division.



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  
Regulatory Affairs

Position  
Meridian Oil Inc.

Company  
10-11-90

Date

SURVEYOR CERTIFICATION

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.

9/13/90

Date Surveyed

Signature  
Professional Surveyor

NEW MEXICO  
REGISTERED LAND SURVEYOR

6857

6857

Certificate No.

Neale C. Edwards

Well Name: 500 ROWLEY  
 Sec. 7 T27N R10W  
 BASIN FRUITLAND COAL

2335'FSL 1850'FWL  
 SAN JUAN NEW MEXICO  
 Elevation 5835'GL

Formation tops: Surface- Nacimiento

Ojo Alamo- 608

Kirtland- 718

Fruitland- 1376

Fruitland Coal Top- 1466

Fruitland Coal Base- 1643

Pictured Cliffs- 1645

Total Depth- 1653

Logging Program: Mud logs from 1376 to total depth.

Mud Program:	Interval	Type	Weight	Visc.	Fl. Loss
	0 - 200	Spud	8.4 - 8.9	40-50	no contro.
	200 - 1653	Non-dispersed	8.4 - 9.5	30-60	no contro.

Casing Program:	Hole Size	Depth Interval	Csg. Size	Weight	Grade
	12 1/4"	0 - 200	8 5/8"	24.0#	K-40
	7 7/8"	0 - 1653	5 1/2"	15.5#	K-55
Tubing Program:		0 - 1653	2 3/8"	4.7#	J-55

Float Equipment: 8 5/8" surface casing - saw tooth guide shoe. Centralizers will be run in accordance with Onshore Order #2.

5 1/2" production casing - float shoe on bottom. Three centralizers run every other joint above shoe. Two turbolizing type centralizers - one below and one into the base of the Ojo Alamo @ 718'. Standard centralizers thereafter every fourth joint up to the base of the surface pipe.

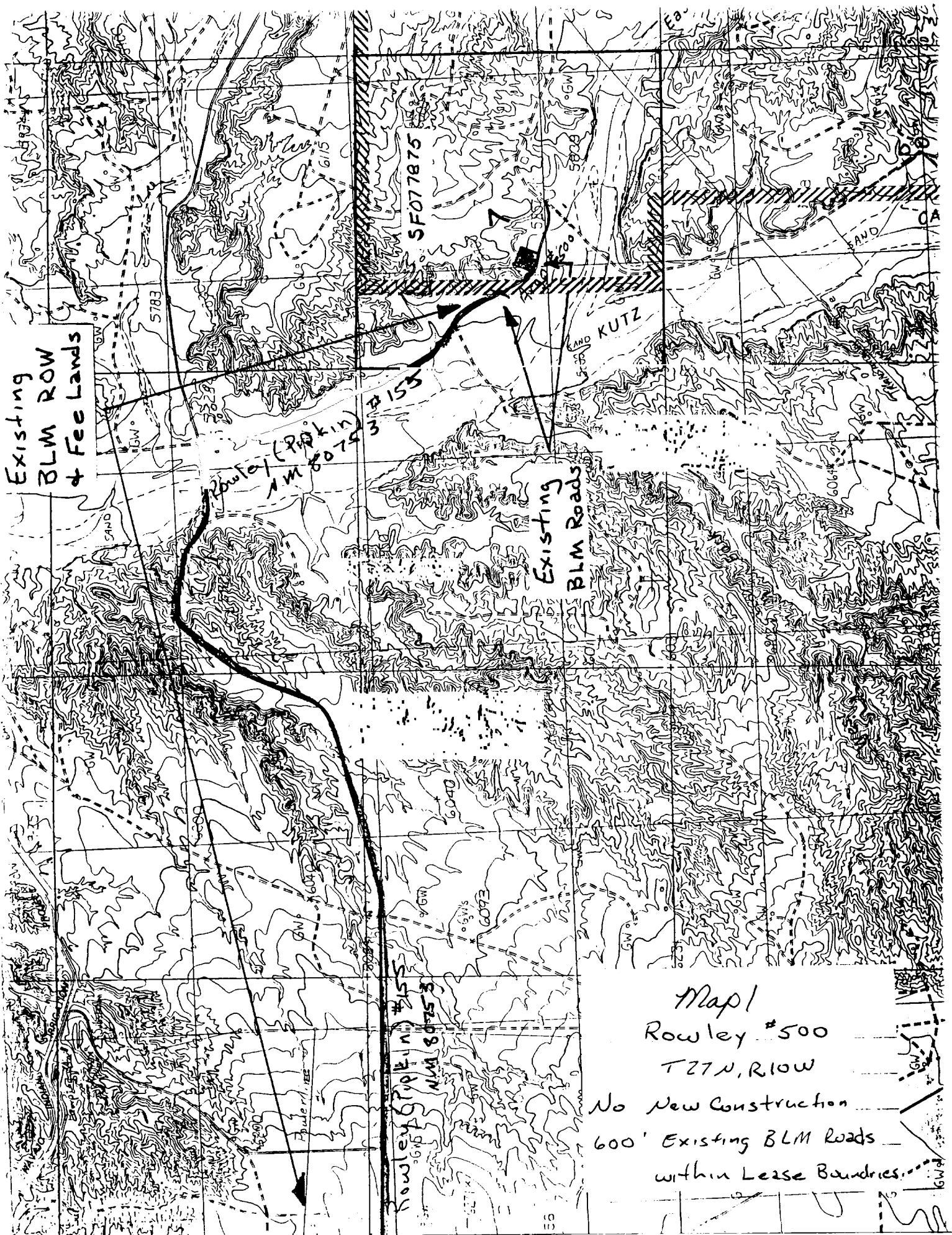
Wellhead Equipment: 8 5/8" x 5 1/2" x 2 3/8" x 11" 3000 psi xmas tree assembl

#### Cementing:

8 5/8" surface casing - cement with 211 sacks of class "B" cement with 1/4# flocele/sack and 3% calcium chloride (248 cu ft. of slurry, 200% excess to circulate to surface). WOC 12 hours. Test casing to 600 psi for 30 minutes.

5 1/2" production casing - lead with 239 sacks of 65/35 class "B" poz with 6% gel, 2% calcium chloride and 1/2 cu.ft. Perlite/sack (10.3 gallons of water/sack) tail with 100 sacks of class "B" with 2% calcium chloride. 579 cu ft. of slurry, 100% excess to circulate to surface. If hole conditions permit, a 600 ft spacer will be run ahead of the cement slurry to avoid mud contamination of the cement. WOC 12 hours. If cement does not circulate to surface, a temperature log will be run after 8 hours to determine TOC.

Existing  
BLM ROW  
& Fee Lands



Map 1  
Rowley #500  
T27N, R10W

No New Construction  
600' Existing BLM Roads  
within Lease Boundaries.



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-077875
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
4. LOCATION OF WELL 2335' FSL 1850' FWL	8. FARM OR LEASE NAME ROWLEY
	9. WELL NO. 500
	10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL
	11. SEC. T. R. M OR BLK. SEC. 7 T27N R10W NMPM
14. PERMIT NO.	15. ELEVATIONS 5835' GL
	12. COUNTY SAN JUAN
	13. STATE NM
16. OTHER:	

The Permit to Drill this well expires on 01/04/92. It is anticipated that the well will not be spud before this time.

Please extend our Application for Permit to Drill as this well has not been spud.

THIS APPROVAL EXPIRES JUL 04 1992

18. AUTHORIZED BY: *F. Caldwell*  
REGIONAL DRILLING ENGINEER

12/18/91  
DATE

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

=====  
(This space for Federal or State office use)

APPROVED

APPROVED BY \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

DEC 30 1991  
DATE  
AREA MANAGER

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-077875	
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14. PERMIT NO.		9. WELL NO. 500	
15. ELEVATIONS 5835' GL		10. FIELD, POOL, OR WILDCAT BASIN FRUITLAND COAL	
16. OTHER: Extension of Permit to Drill		11. SEC. T. R. M OR BLK. SEC. 7 T27N R10W NMPM	
		12. COUNTY SAN JUAN	
		13. STATE NM	

The Permit to Drill this well expires on 07/04/92. It is anticipated that the well will not be spud before this time.

Please extend our Application for Permit to Drill as this well has not been spud.

THIS APPLICATION WAS RECEIVED  
JAN 04 1993

18. AUTHORIZED BY: [Signature]  
REGIONAL DRILLING ENGINEER

6/22/92  
DATE

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

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY:

TITLE \_\_\_\_\_

NM000

DATE 11/21/1992

RECEIVED  
BLM  
JAN 23 PM 2:34  
RECEIVED  
REFA MANAGER