

CONFIDENTIAL

Form 3160-3
(July 1992)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN TRIPPLICATE
(Other instructions on
reverse side)FORM APPROVED
OMB NO. 1004-0136
Expires February 28, 1995

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1a. TYPE OF WORK Drill <input checked="" type="checkbox"/> Deepen <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. JIC 464	
b. TYPE OF WELL Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <input type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Mallon Oil Company 13925		7. UNIT AGREEMENT NAME N/A 24939	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2797 Durango, CO 81302 (970) 382-9100		8. FARM OR LEASE NAME, WELL NO. Jicarilla 464 SJ No.4	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1850' FSL and 1675' FEL (NW/SE) Unit J		9. API WELL NO. 30-039-26237	
At proposed prod. zone 1850' FSL and 1675' FEL (NW/SE) Unit J		10. FIELD AND POOL, OR WILDCAT Capistrano Canyon, San Jose ext.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE * 50 miles east of Bloomfield, New Mexico		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31, T30N-R03W	
15. DISTANCE FROM PROPOSED * LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1850'		12. COUNTY OR PARISH Rio Arriba	
16. NO. OF ACRES IN LEASE 2,393		13. STATE NM	
17. NO. OF ACRES ASSIGNED TO THIS WELL 17 160			
18. DISTANCE FROM PROPOSED LOCATION * TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 100'		19. PROPOSED DEPTH 1800'	
20. ROTARY OR CABLE TOOLS Rotary			
21. ELEVATIONS (SHOW WHETHER DF., RT., GR., Etc.) 7015' GR		22. APPROX. DATE WORK WILL START 08/01/99	
23. PROPOSED CASING AND CEMENTING PROGRAM			
SIZE OF HOLE	GRADE, SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8"	24#	500' 250
7-7/8"	4-1/2"	14.7#	1800'
		QUANTITY OF CEMENT Circulate to surface	
		300 sks 50/50 Poz w/additives	

Mallon Oil Co. proposes to drill this well to an approximate TD of 1800' in the San Jose formation. This well is placed on an existing well pad. Some additional pad extension may be required. The Jicarilla Oil and Gas Administration has waived any necessity of re-onsiting the well pad as long as any required archaeology survey is submitted. Environmental assessment was previously submitted under the initial well APD. If productive, 4-1/2" casing will be cemented at TD. If non-productive, the well will be plugged and abandoned in a manner consistent with Federal regulations. Specific programs as per on-shore Oil and Gas Order No. 1 are outlined in the following attachments:

Drilling Program

Exhibit 1: Blow Out Preventor Equipment/Plan
Exhibit A: Location and Elevation Plat
Exhibit B: Roads and Pipelines
Exhibit C: One Mile Radius Map

Exhibit D: Drilling Site Layout
Exhibit E: Production Facilities
Exhibit F: H2S Contingency Plan
Exhibit G: Archaeology Report

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, 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: Operations Superintendent DATE: 07/05/99

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY: [Signature] TITLE: Acting Assistant Director DATE: 10/13/99

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, NM 87504-2088

Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 Number 39-26237	2 Pool Code 96822	3 Pool Name Cabresto Canyon; San Jose ext.
Code 39	4 Property Name JICARILLA 464 S.J.	5 Well Number 4
6 25	7 Operator Name MALLON OIL COMPANY	8 Elevation 7015

10 Surface Location

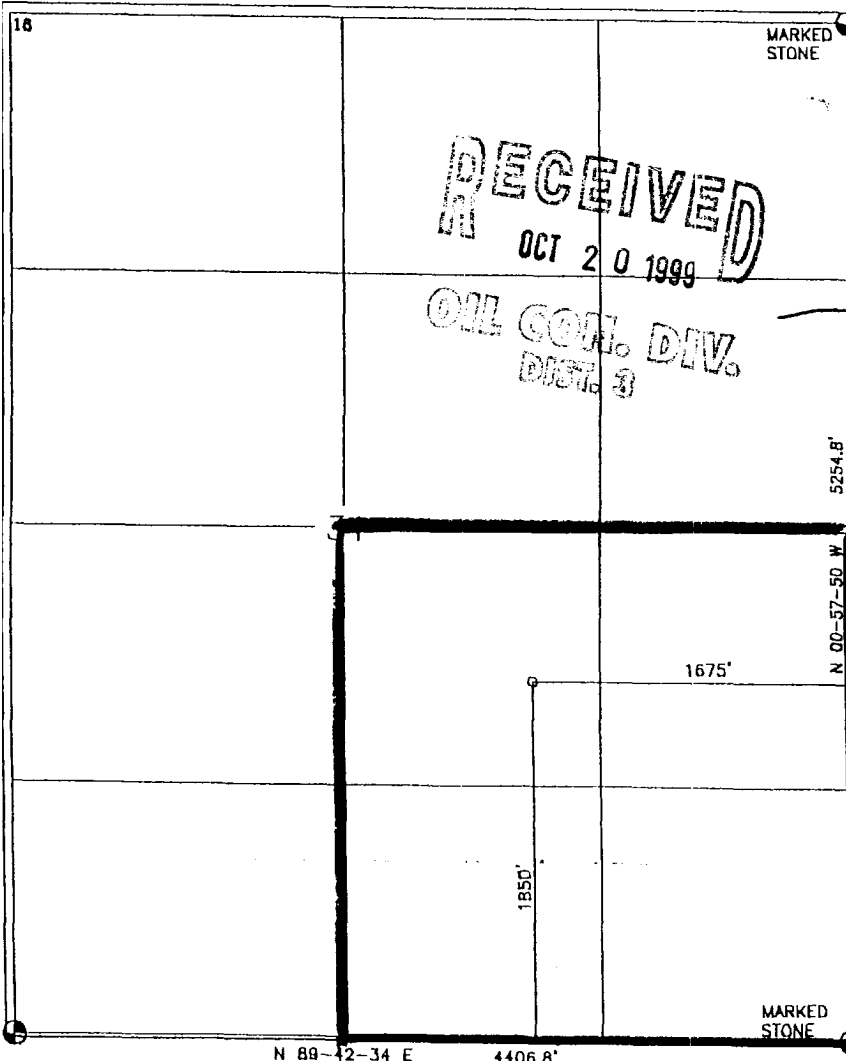

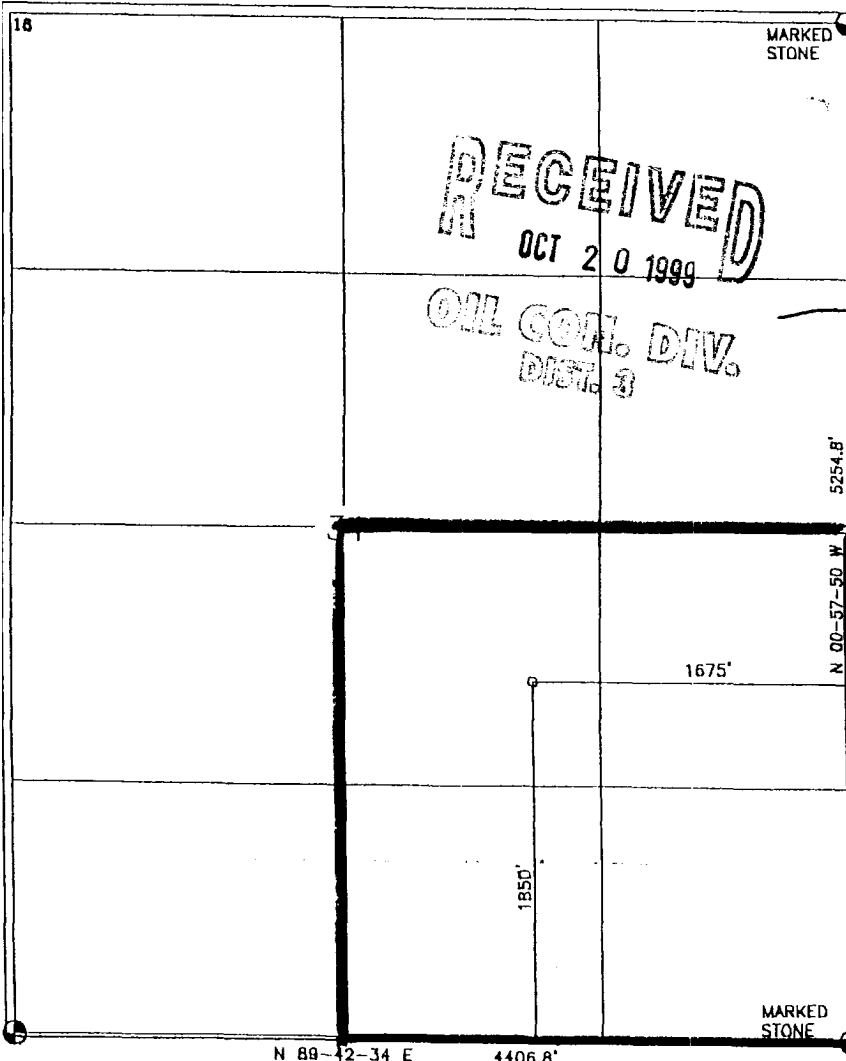
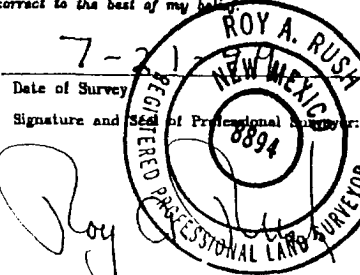
Section 31	Township 30-N	Range 3-W	Lot Idn	Feet from the 1850	North/South line SOUTH	Feet from the 1675	East/West line EAST	County RIO ARRIBA
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11 Bottom Hole Location If Different From Surface

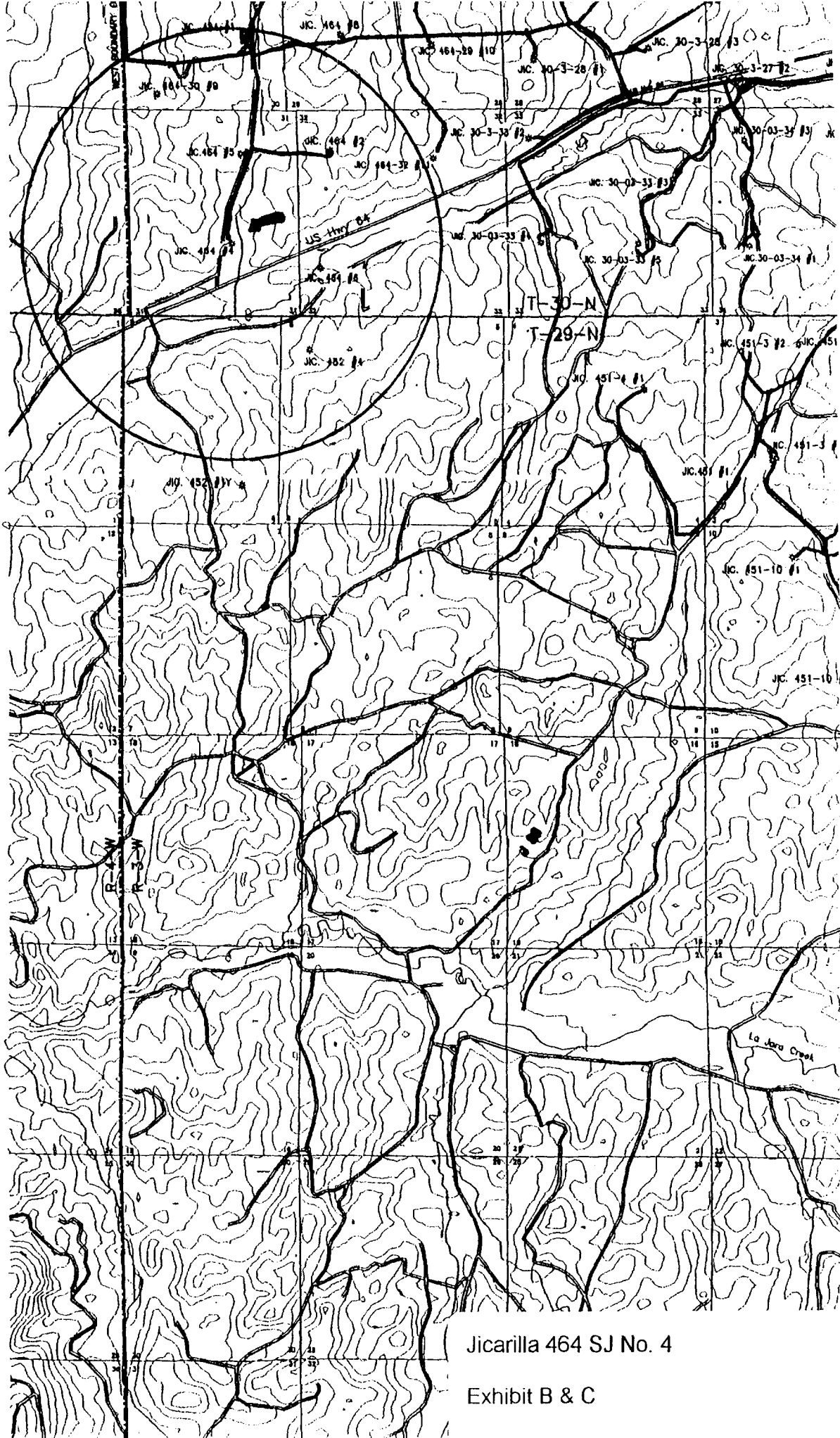
Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
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12 Joint or Infill 20	13 Consolidation Code	14 Order No.
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TABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

15 	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature  Terry Lindeman Printed Name Operations Superintendent Title July 5, 1999 Date
16 	18 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 belief. Date of Survey 7-21-99 Signature and Seal of Professional Surveyor:  8894 Certificate Number

N 89-42-34 E 4406.8'



Jicarilla 464 SJ No. 4

Exhibit B & C