

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-101  
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

API NO. (assigned by OCD on New Wells)	30-025-29203
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	379210
7. Lease Name or Unit Agreement Name	JORDAN "B"
8. Well No.	2
9. Pool name or Wildcat	OSUDO (BONE SPRING)

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK					
1a. Type of Work: DRILL <input type="checkbox"/> RE-ENTER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/>					
b. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>					
2. Name of Operator Marathon Oil Company					
3. Address of Operator P.O. Box 552 Midland, Tx. 79702					
4. Well Location Unit Letter G : 1980 Feet From The NORTH Line and 2310 Feet From The EAST Line Section 11 Township 20-SOUTH Range 35-EAST NMPM LEA County					
10. Proposed Depth		11. Formation BONE SPRING		12. Rotary or C.T. N/A	
13. Elevations (Show whether DF, RT, GR, etc.) GL: 3662 KB: 3683		14. Kind & Status Plug. Bond BLANKET		15. Drilling Contractor	
16. Approx. Date Work will start UPON APPROVAL					
17. PROPOSED CASING AND CEMENT PROGRAM					
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE SEE	ORIGINAL	COMPLETION	REPORT		

MARATHON OIL COMPANY IS PROPOSING TO RECOMPLETE THIS WELL TO THE BONE SPRING. THE PROPOSED PROCEDURE IS SUMMARIZED BELOW.

MIRU. POOH W/RODS AND PUMP. INSTALL AND TEST BOP. SET CIBP @ 11,000'. DUMP BAIL 35' CMT ON TOP OF PLUG. PERF 3RD BONE SPRING DOLOMITE 10,882-10,888', 10,870-876', 10,854-857', 2ND BONE SPRING DOLOMITE 9750-763', 9768-773', 9776-782', 9782-792', 9808-812', 9814-820' W/2 JSPF. USING PKR AND RETRIEVABLE BRIDGE PLUG ACIDIZE LOWER BS PERFS (10,854-10,888') W/2500 GAL 20% HCL. ACIDIZE UPPER BS PERFS (9750-9820') W/4500 GAL 20% HCL. SWAB BACK ACID LOAD. PUT WELL ON PUMP. RDMO. TURN WELL TO TEST.

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. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

SIGNATURE Thomas M. Price / Jo TITLE ADVANCED ENGINEERING TECH. DATE 9-1-93  
TYPE OR PRINT NAME THOMAS M. PRICE TELEPHONE NO. 915-682-1621

(This space for State Use)

Orig. Signed by  
Paul Kautz  
Geologist

SEP 03 1993

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

Permit Expires 6 Months From Approval  
Late Unless Being Underway

22/2/2000

Submit to Appropriate  
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Fee Lease - 3 copies

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Energy, Minerals and Natural Resources Department

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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

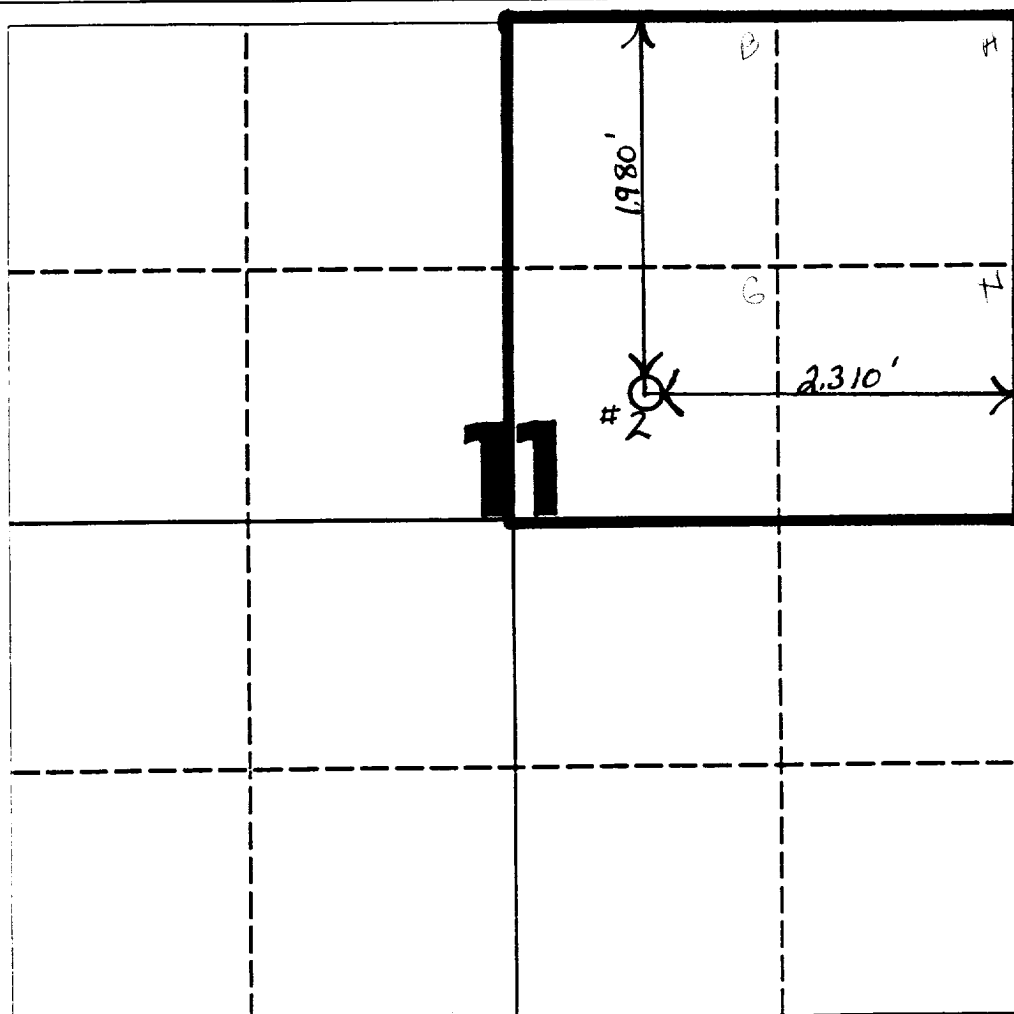
DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210

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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 Marathon Oil Company		Lease Jordan "B"		Well No. 2
Unit Letter G	Section 11	Township 20-South	Range 35- East NMPM	County Lea
Actual Footage Location of Well: 2310 feet from the East line and 1980 feet from the North line				
Ground level Elev. 3662'	Producing Formation Bone Spring	Pool <del>Osage</del> Wildcat Group	Dedicated Acreage: 280 Acres	
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.</p> <p>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).</p> <p>3. 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.? <input type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation _____</p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____</p> <p>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.</p>				



OPERATOR CERTIFICATION

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

Signature  
*Thomas M. Price*  
Printed Name  
Thomas M. Price  
Position  
Adv. Engin. Tech.  
Company  
Marathon Oil Company  
Date  
9/1/93

SURVEYOR CERTIFICATION

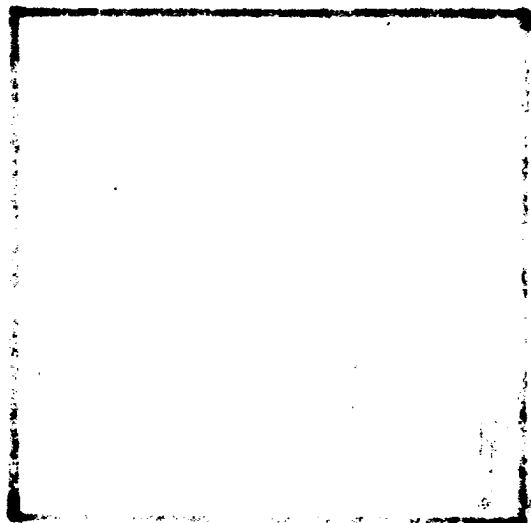
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No.

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



**RECEIVED**

APR 02 1993

RECORDS  
OFFICE