

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

RECEIVED

APR 28 1989

OIL CONSERVATION DIV.
SANTA FE

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
April 26, 1989

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mike Stogner

RE: MWJ-Baum "D" State #1
1980' FSL & 1980' FEL
Sec 4, T-14S, R-33E
Lea County, New Mexico

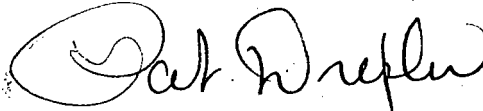
Gentlemen:

Enclosed please find a copy of Form C-101, C-102, map, schematic and copies of waiver letters that have been sent to offset operators (list attached). MWJ proposes to sidetrack drill the captioned well to a new bottom hole location of 660' FSL & 660' FEL, Section 4, T-14S, R-33E, Lea County, New Mexico, to an approximate depth of 10,600'.

We have received approval from one of the offset operators and are waiting for approval from the other. We will send the signed letters upon receipt to your office and would like to ask for approval from the Commission to drill this well.

Very truly yours,

MWJ PRODUCING COMPANY



Pat Drexler

pd
Enclosures

cc: Oil Conservation Division
Hobbs, New Mexico

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)

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
K-3846

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work: Directional Drill

DRILL ☐ RE-ENTER ☐ DEEPEN ☐ PLUG BACK ☒

b. Type of Well:
OIL WELL ☒ GAS WELL ☐ OTHER ☐
SINGLE ZONE ☐ MULTIPLE ZONE ☐

7. Lease Name or Unit Agreement Name

Baum "D" State

2. Name of Operator

MWJ PRODUCING COMPANY

8. Well No.

1

3. Address of Operator

400 W. Illinois - Suite 1100 Midland, Texas 79701

9. Pool name or Wildcat

Baum Upper Penn

4. Well Location

Unit Letter J : 1980 Feet From The south Line and 1980 Feet From The East Line

Section 4 Township 14S Range 33E NMPM Lea County

10. Proposed Depth
10,600'

11. Formation
Penn

12. Rotary or C.T.
Rotary

13. Elevations (Show whether DF, RT, GR, etc.)
4232.3'

14. Kind & Status Plug. Bond
Blanket/current

15. Drilling Contractor
Norton Drilling

16. Approx. Date Work will start
5/15/89

17.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
* 17-1/2"	13-3/8"	48#	364'	400	Surface
* 11"	8-5/8"	24# & 32#	4080'	300	3075'
7-7/8"	5-1/2"	17#	10600'	450	9500'

This well has become uneconomic to produce from the Baum Upper Penn at this location.

PROPOSED PROCEDURE:

1. Set CIBP @ 9700' w/35' cement on top (Perforations 9763-9876').
2. Cut off and pull approximately 5000' of 5-12" casing.
3. Set a cement plug at the 5-1/2" cutoff sufficient to serve as the Whipstock plug.
4. Whipstock the Baum "D" State #1 and drill new production hole to a point located 660' FSL & 660' FEL Sec 4, T-14S, R-33E, Lea County, New Mexico.
5. Run, set and cement 5-1/2" casing at TD.
6. Smith International will do Directional Surveys.

* Original casing in the Baum "D" State #1

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:

Pat Drexler

TITLE

Pat Drexler-Agent

DATE

3/30/89

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

Santa Fe

MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

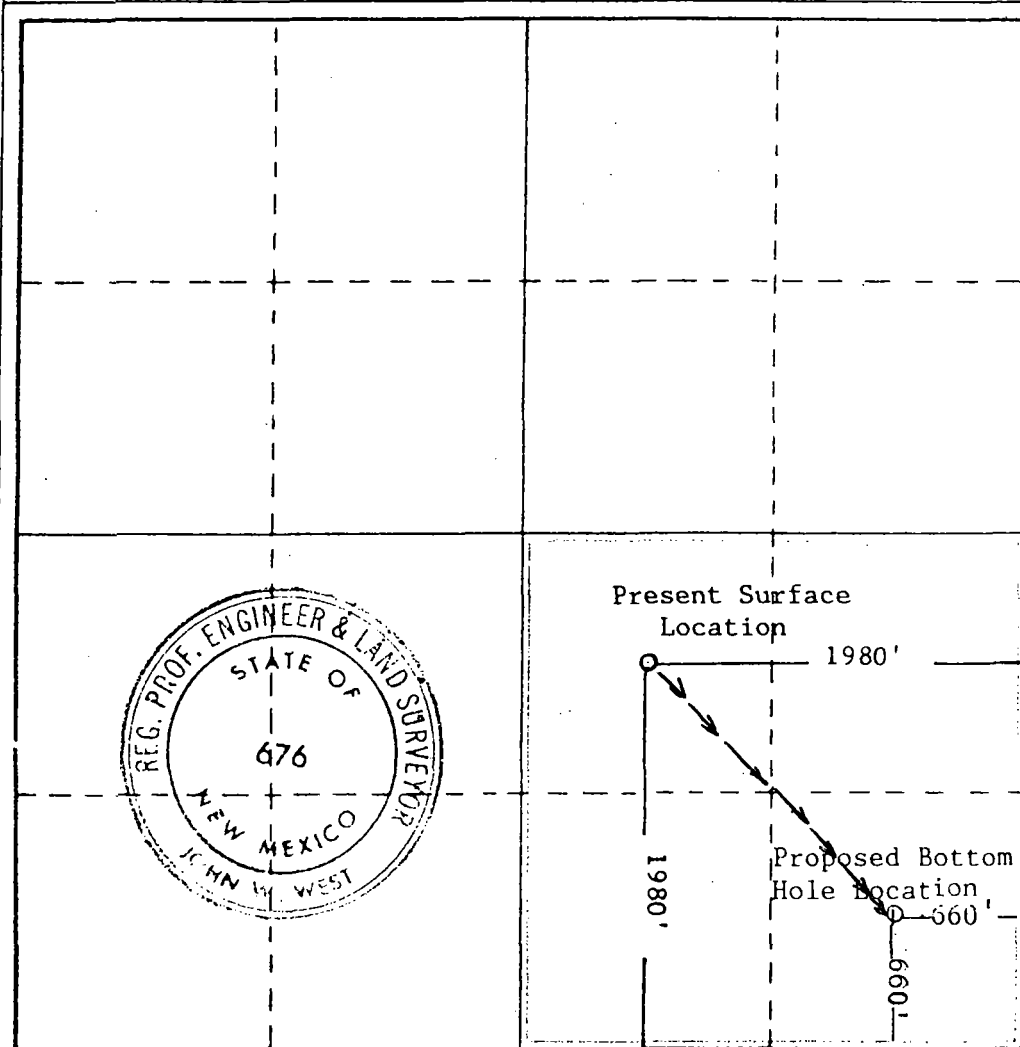
Operator MWJ PRODUCING COMPANY			Lease BAUM "D" STATE		Well No. 1
Unit Letter J	Section 4	Township 14 South	Range 33 East	County Lea	
Actual Footage Location of Well:					
1980		feet from the South	line and	1980	feet from the East
Ground Level Elev. 4232.3' GL	Producing Formation Upper Penn		Pool Baum Upper Penn	Dedicated Acreage: 160 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 _____

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 Commission.



CERTIFICATION

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

Name

Pat Drexler

Position

Agent

Company

MWJ PRODUCING COMPANY

Date

3/30/89

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.

NOVEMBER 18, 1969

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

John W. West

Certificate No.

676

Proposed Sidetrack

03-31-89

MWJ Producing Company
Baum 'D' State #1
1980' FSL & FEL
Sec 4, T-14S, R-33E
Lea County, New Mexico

G.L. (16' KB)

13 3/8" surface
csg @ 364'

3 3/8" intermediate
casing @ 4080'

Whiptack plug
@ 5000'

CIBP + 35' cement
@ 9700'

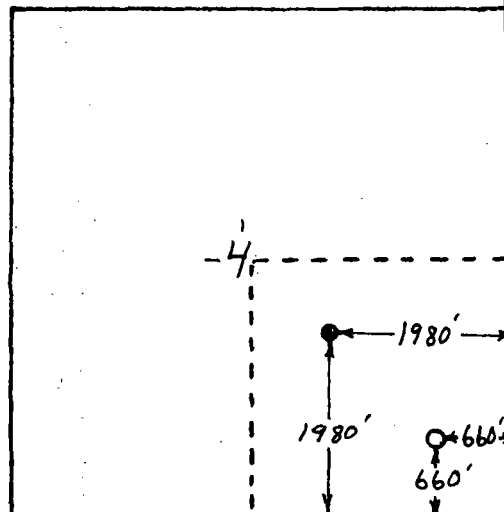
Perforations

9763'
9876'

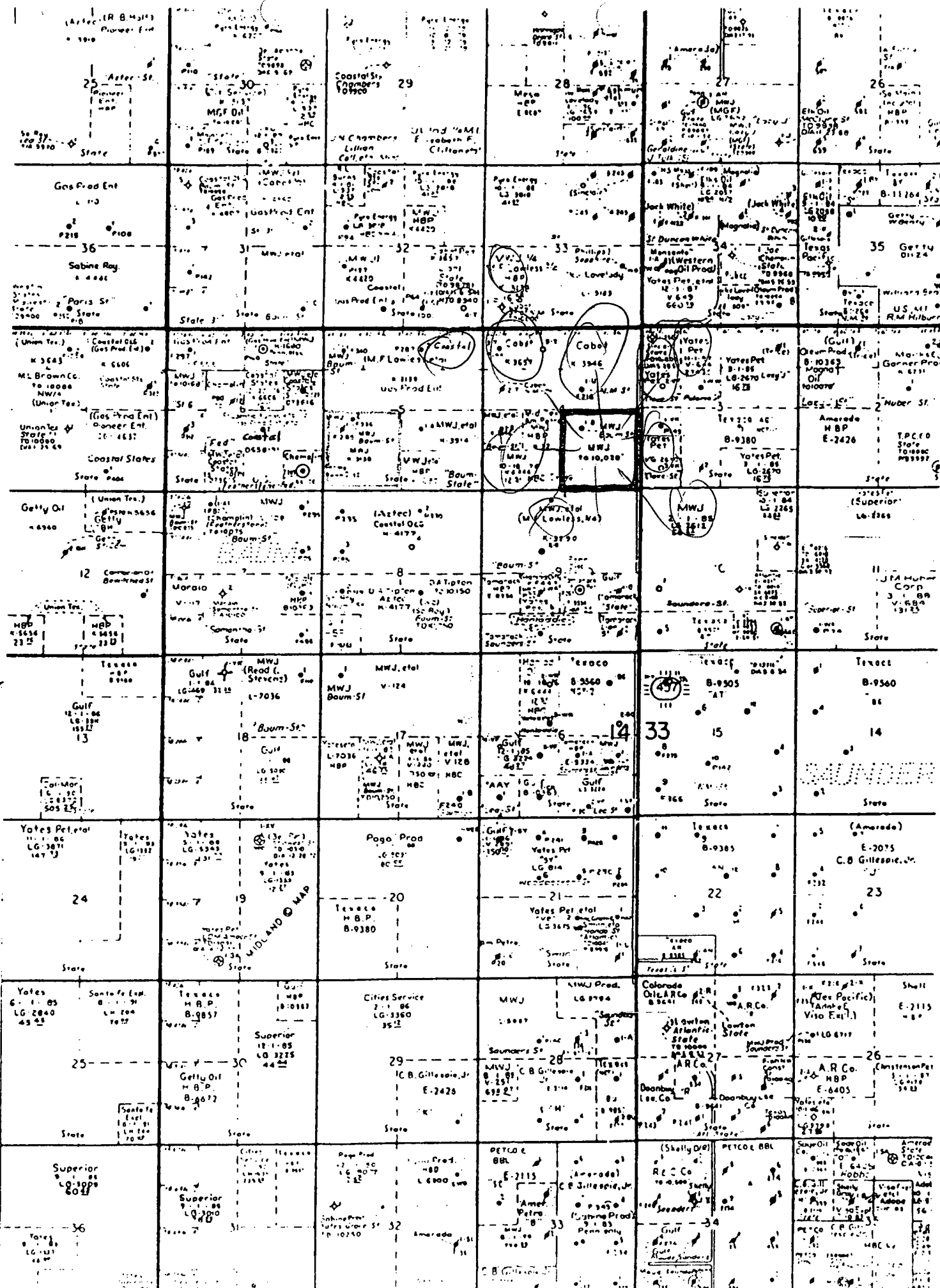
5 1/2" production csg at T.O.

T.O. 9,985

Proposed T.O.
10,400'



Sec 4, T-14S, R-33E 1" = 200'
Lea County, New Mexico
Proposed Bottomhole
Location is 660' FEL &
660' FSL.



BAUM "D" STATE #1

OFFSET OPERATORS

CABOT PETROLEUM CORPORATION

P. O. Box 9999

Amarillo, Texas 79105

YATES PETROLEUM CORP.

105 South 4th Street

Artesia, New Mexico 88210

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

March 31, 1989

Yates Petroleum Corporation
105 South 4th Street
Artesia, New Mexico 88210

Attn: Randy Patterson

RE: MWJ-Baum "D" State #1
1980' FSL & 1980' FEL
Sec 4, T-14S, R-33E
Lea County, New Mexico
Baum Upper Penn Field

Gentlemen:

Please find enclosed Form C-101, C-102, schematic and map for the above captioned. MWJ proposes the sidetrack drilling of this well to a new bottomhole location of 660' FSL & 660' FEL, Section 4, T-14S, R-33E, Lea County, New Mexico to an approximate depth of 10,600'.

If you have no objection to our proposal, please execute this letter and one copy in the space provided below and return them to our office. We appreciate your prompt attention.

Very truly yours,

MWJ PRODUCING COMPANY



Pat Drexler

pd
Enclosures

YATES PETROLEUM CORPORATION has no objection to the sidetrack drilling of the proposed well.

By _____

Title _____

Date _____

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
March 31, 1989

Cabot Petroleum Corporation
P. O. Box 9999
Amarillo, Texas 79105

Attn: Mike Cure

RE: MWJ-Baum "D" State #1
1980' FSL & 1980' FEL
Sec 4, T-14S, R-33E
Lea County, New Mexico
Baum Upper Penn Field

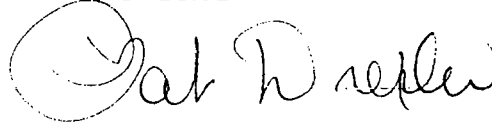
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Pat Drexler

pd
Enclosures

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By _____

Date _____

Title _____

MWJ PRODUCING COMPANY

APR 14 1989

M W J

★ PETROLEUM PRODUCERS ★

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
March 31, 1989

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P. O. Box 9999
Amarillo, Texas 79105

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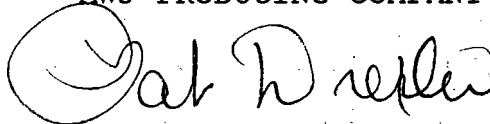
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Very truly yours,

MWJ PRODUCING COMPANY



Pat Drexler

pd
Enclosures

CABOT PETROLEUM CORPORATION has no objection to the sidetrack drilling of the proposed well.

By James R. Henry

Date 4-12-89

Title Reservoir Petroleum Engineer

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

May 8, 1989

RECEIVED

MAY 11 1989

OIL CONSERVATION DIV.
SANTA FE

Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504-2088

Attn: Mike Stogner

RE: MWJ-Baum "D" State #1
1980' FSL & 1980' FEL
Sec 4, T-14S, R-33E
Lea County, New Mexico

Gentlemen:

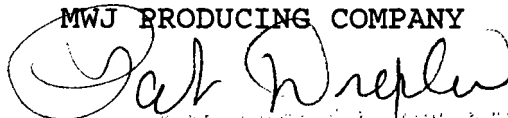
Enclosed please find signed waiver letters by offset operators for the sidetrack drilling of the above captioned well. All other requirements have been previously submitted.

We would like to ask that the Commission approve the drilling of this well to a new bottom hole location of 660' FSL & 660' FEL, Section 4, Township 14 South, Range 33 East, Lea County, New Mexico. This is a standard location.

Thank you for your consideration.

Very truly yours,

MWJ PRODUCING COMPANY



Pat Drexler

pd
Enclosures

cc: Oil Conservation Division
Hobbs, New Mexico

UNITED STATES OF AMERICA

IN SENATE

REPORT OF THE

COMMISSIONER OF THE

GENERAL LAND OFFICE

FOR THE YEAR 1900

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216
March 31, 1989

Cabot Petroleum Corporation
P. O. Box 9999
Amarillo, Texas 79105

Attn: Mike Cure

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Sec 4, T-14S, R-33E
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Baum Upper Penn Field

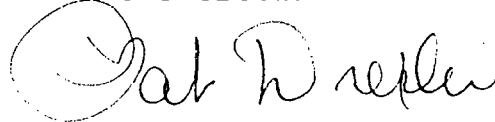
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Pat Drexler

pd
Enclosures

CABOT PETROLEUM CORPORATION has no objection to the sidetrack drilling of the proposed well.

By James R. Henry

Date 4-12-89

Title Regional Petroleum Engineer

RECEIVED

MAY 05 1989

MWJ PRODUCING COMPANY

★ PETROLEUM PRODUCERS ★

MWJ

400 WEST ILLINOIS SUITE 1100
MIDLAND, TEXAS 79701
TELEPHONE (915) 682-5216

March 31, 1989

Yates Petroleum Corporation
105 South 4th Street
Artesia, New Mexico 88210

Attn: Randy Patterson

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Lea County, New Mexico
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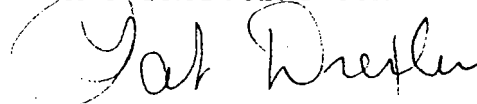
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Very truly yours,

MWJ PRODUCING COMPANY



Pat Drexler

pd
Enclosures

YATES PETROLEUM CORPORATION has no objection to the sidetrack drilling of the proposed well.

By Randy Patterson

Title Attorney-in-Fact

Date May 3, 1989



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
HOBBS DISTRICT OFFICE

4-27-89

GARREY CARRUTHERS
GOVERNOR

POST OFFICE BOX 1980
HOBBS, NEW MEXICO 88241-1980
(505) 393-6161

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC _____
DHC _____
NSL _____
NSP _____
SWD _____
WFX _____
PMX _____

DD X

Gentlemen:

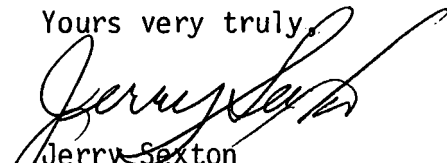
I have examined the application for the:

mwg Prod. Co. Baum & St #1-J 4-14-33
Operator Lease & Well No. Unit S-T-R

and my recommendations are as follows:

OK

Yours very truly,


Jerry Sexton
Supervisor, District 1

/ed

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OIL CONSERVATION DIV.
SANTA FE

completed wells.

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LAND OFFICE	
TRANSPORTER	
OIL	
GAS	
OPERATOR	
PRODUCTION OFFICE	

**NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS**

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

Operator
HMJ Producing Company

Address
413 First National Bank Building, Midland, Texas 79701

Reason(s) for filing (check proper box)
 New Well ☒ Change in Transporter of: Oil ☐ Dry Gas ☐
 Re-completion ☐ Casinghead Gas ☐ Condensate ☐
 Change in Ownership ☐

Other (Please explain)
THIS WELL HAS BEEN PLACED IN THE POOL DESCRIBED BELOW. IF YOU DO NOT CONCUR NOTIFY THIS OFFICE.

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Baum D State		Baum (Upper Penn)	State, Federal or Fee State	K-3846
Location				
Unit Letter	1980	Feet From The South	Line and	1980
		Feet From The East		
Line of Section	4	Township	14S	Range
			33E	NMPM
			Lea	County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐	Address (Give address to which approved copy of this form is to be sent)
Admiral Crude Oil Corp.	Box 711 Midland Texas
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☐	Address (Give address to which approved copy of this form is to be sent)
No	
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When.
	J 4 14S 33E No

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well ☒	Gas Well ☐	New Well ☐	Workover ☐	Deepen ☐	Plug Back ☐	Same Well ☐	DIL. Repairs ☐
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.S.T.D.					
12-5-69	1-12-70	9986	9908					
Elevations (DF, RAB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
RKB 4242.3	Upper Penn	9830	9799					
Perforations			Depth Casing Shoe					
9853 -35, 9860 -67, 9874 -76 (14 - 1/2" holes)			9985					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
17 1/2	13 3/8	364	400					
11	8 5/8	4080	300					
7 7/8	5 1/2	9985	300					
	2 3/8	9799						

V. TEST DATA AND REQUEST FOR ALLOWABLE

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
1-12-70	1-12-70	Flow and swab	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
24 hrs.	0 -30 psi	packer	2"
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF
	228	120	242

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (flow, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

K. Ken Williams
K. Ken Williams (Signature)
Agent

January 19, 1970

(Title)

(Date)

OIL CONSERVATION COMMISSION

APPROVED *[Signature]* JAN 28 1970
BY *[Signature]*
TITLE SUPERVISOR DISTRICT

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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LAND OFFICE	
OPERATOR	

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-135
Revised 1965

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
K-3846

10. TYPE OF WELL
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER _____

b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESRV. ☐ OTHER _____

2. Name of Operator
MWJ Producing Company

3. Address of Operator
413 First National Bank Building, Midland, Texas 79701

4. Location of Well

7. Unit Agreement Name

8. Farm or Lease Name
Baum D State

9. Well No.
1

10. Field and Pool, or Wildcat
Baum (Upper Penn)

UNIT LETTER **I** LOCATED **1980** FEET FROM THE **South** LINE AND **1980** FEET FROM **East**

11. LINE OF SEC. **4** TWP. **14S** RGE. **33E** NMPM **Lea**

15. Date Spudded **12-5-69** 16. Date T.D. Reached **1-7-70** 17. Date Compl. (Ready to Prod.) **1-12-70** 18. Elevations (DF, RKB, RT, etc.) **RKB 4243.3** 19. Elev. Casinghead **4232.3**

20. Total Depth **9986** 21. Plug Back T.D. **9989** 22. If Multiple Compl., How Many **no** 23. Intervals Drilled By **GL-9986** Cable Tools **no**

24. Producing Interval(s), of this completion - Top, Bottom, Name
9853-55, 9860-67, 9874-76 (Upper Penn)

25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
Schlumberger SNP, Induction, ML

27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	48	364	17 1/2	400 sacks	None
8 5/8	24 & 32	4080	11	300 sacks	None
5 1/2	17	9985	7 7/8	300 sacks	None

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8	9799	9799

31. Perforation Record (Interval, size and number)
9853-55, 9860-67, 9874-76 (14-1/2" holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
9853-76	2018 Gal. 28 % Hcl

33. PRODUCTION

Date First Production **1-12-70** Production Method (Flowing, gas lift, pumping - Size and type pump) **Swabbed and Flowed** Well Status (Prod. or Shut-in) **Producing**

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
1-12-70	24	2"		228	242	120	1061

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)
0550 psi	0(pkr)		228	242	120	42.2

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By _____

35. List of Attachments
Electric Logs

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **R. Lee Williams** TITLE **Agent** DATE **January 19, 1970**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy <u>1660</u>	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2616</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>4020</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Quize _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb <u>6940</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>7614</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>9104</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>9710</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>9846</u>	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
Surface	1660	1660	Cretaceous & Red Beds				
1660	2616	956	Rustler & Eva Paritos				
2616	4020	1404	Whitehorse Group				
4020	6940	2920	San Andres				
6940	7614	674	Tubb				
7614	9104	1490	Abo				
9104	9710	606	Wolfcamp				
9710	9970	260	Penn				

WELL NAME AND NUMBER Baum "D" State #1

LOCATION 1980/S&E Section 4, T14S, R35E, Lea County, New Mexico
(New Mexico give U.S.T&R: TEXAS GIVE S, BLK, SURV. & TWP)

OPERATOR MWJ Producing Company

DRILLING CONTRACTOR Moran Oil Producing & Drilling Corp.

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above-described well and that he has conducted deviation tests and obtained the following results:

Degrees @ Depth	Degrees @ Depth	Degrees @ Depth	Degrees @ Depth
1/2 365	3/4 6050		
3/4 862	3/4 6606		
3/4 1362	1/2 7004		
1 1861	1 7617		
1/2 2337	1 8230		
1/2 2858	2 8750		
1/4 2940	2 1/4 9242		
1 3536	2 1/4 9707		
1/4 3924	1 3/4 9970		
1/2 4080			
1/2 4560			
1/2 5010			
1/2 5470			

Drilling Contractor MORAN OIL PRODUCING & DRILLING CORP.

By

K. D. McPeters
K. D. McPeters, Vice President

Subscribed and sworn to before me this 14th day of January, 1970

My Commission expires:
April 1, 1970

Wayne Summary
Notary Public
Lea County, New Mexico

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LAND OFFICE	
OPERATOR	

JAN 16 1970

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-4-65

NEW MEXICO OIL CONSERVATION COMMISSION

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. K-3846	

SUNDY 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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. ☒ OIL WELL ☐ GAS WELL ☐ OTHER-	7. Unit Agreement Name
2. Name of Operator MWJ Producing Company	8. Farm or Lease Name Baum "D" State
3. Address of Operator 413 First National Bank Building, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>J</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>14-S</u> RANGE <u>33-E</u> SMPN.	10. Field and Pool, or Wildcat Baum (Upper Penn)
15. Elevation (Show whether DF, RT, GR, etc.) 4232.3 GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPHS. ☐	PLUG AND ABANDONED ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	OTHER ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

January 8, 1970 - Ran 5-1/2" - 17# J&N Casing and cemented at 9985 with 300 sacks. WOC 18 hrs. Tested casing 2000 psi for 30 minutes. Test O.K

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

SIGNED Bob Alexander TITLE Agent DATE January 8, 1970

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT DATE JAN 12 1970

CONDITIONS OF APPROVAL IF ANY:

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-102
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
K-3846

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" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator MHJ PRODUCING COMPANY	8. Farm or Lease Name Baum "D" State
3. Address of Operator 413 First National Bank Building, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER <u>J</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>1980</u> FEET FROM THE <u>East</u> LINE, SECTION <u>4</u> TOWNSHIP <u>14-S</u> RANGE <u>33-E</u> NMPM.	10. Field and Pool, or Wildcat Baum (Upper Penn)
15. Elevation (Show whether DF, RT, GR, etc.) 4232.3 GL	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

PULL OR ALTER CASING ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

REMEDIAL WORK ☐

COMMENCE DRILLING OPS. ☐

CASING TEST AND CEMENT JOB ☒

OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1702.

Set 8 5/8" -24 & 32 #, K-55 casing at 4080' and cemented with 200 sacks, w/4% gel and 100 sacks w/2% CaCl. WOC 18 hrs. Tested casing 1000 psi for 30 minutes. Test O.K.

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

SIGNED K. Ken Williams

TITLE Vice-President

DATE 12-15-69

APPROVED BY Leslie A. Clements
CONDITIONS OF APPROVAL, IF ANY:

TITLE Oil & Gas Inspector

DEC 18 1969

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Dec 11 10 38 AM '69

DEC 15 1969

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-4-65

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No.	
K-3846	
7. Unit Agreement Name	
8. Form or Lease Name	
Baum "D" State	
9. Well No.	
1	
10. Field and Pool, or Wildcat	
Baum(Upper Penn)	
12. County	
Lea	

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 -" (FORM C-101) FOR SUCH PROPOSALS.)

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator
MRI Producing Company
3. Address of Operator
413 First National Bank Building, Midland, Texas 79701
4. Location of Well
UNIT LETTER J 1980 FEET FROM THE South LINE AND 1980 FEET FROM THE East LINE, SECTION 4 TOWNSHIP 14-S RANGE 33-E NMPN.
15. Elevation (Show whether DF, RT, GR, etc.)
4232.3 GL

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPS. ☒	PLUG AND ABANDONMENT ☐
FULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOB ☒	

17. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1703.

Spudded 10:00 AM ON 12-5-69
Cemented 13-3/8", 48#, H40 casing @ 364' with 400 sacks. Cement circulated.
WOC 18 hrs. Test casing 500 psi for 30 minutes. Test O.K.

Rule 107 - min, 400#

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

DRAWN	TITLE	DATE
<i>[Signature]</i>	VP	12-9-69
APPROVED BY	TITLE	DATE
<i>[Signature]</i>	Oil & Gas Inspector	DEC 12 1969

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LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101
Revised 1-4-65

5A. Indicate Type of Lease
STATE ☒ FEE ☐

5. State Oil & Gas Lease No.
K-3846

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work DRILL ☐ DEEPEN ☐ PLUG BACK ☐		7. Unit Agreement Name
b. Type of Well OIL WELL ☒ GAS WELL ☐ OTHER ☐		8. Firm or Lease Name Baum "D" State
2. Name of Operator MJJ Producing Company		9. Well No. 1
3. Address of Operator 413 First National Bank Building, Midland, Texas 79701		10. Field and Pool, or Wildcat INDICATED
4. Location of Well UNIT LETTER J LOCATED 1980 FEET FROM THE South LINE ADD 1980 FEET FROM THE East LINE OF SEC. 4 TWP. 14S RGE. 33E		12. County Lea
19. Proposed Depth 10,100		18A. Formation Upper Penn
20. Rotary or C.T. Rotary		
21. Elevation (Show whether D.P., R.T., etc.) 4232.3 GL	21A. Kind & Status Plug. Bond Blanket-Current	22. Approx. Date Work will start December 5, 1969

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
17	13-3/8	48-H 40	350	350	Circulate
11	8-5/8	24 & 32 J55	4000	300	3000
7-7/8	5-1/2	17-J & N	10100	300	9000

THE COMMISSION MUST BE NOTIFIED
24 HOURS PRIOR TO RUNNING
CASING

APPROVAL
EXPIRES 3-5-70

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 SLOWDOWN PREVENTED PROGRAM, IF ANY.

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

Signed [Signature] Title Agent Date November 25, 1969

(This space for State Use)

APPROVED BY [Signature] SUPERVISOR DISTRICT 1 DATE DEC 5 1969

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-122
Supersedes C-120
Effective 1-6-68

DEC 8 1969

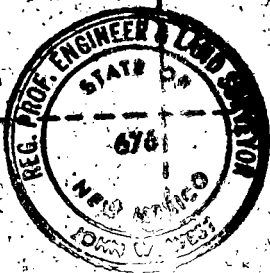
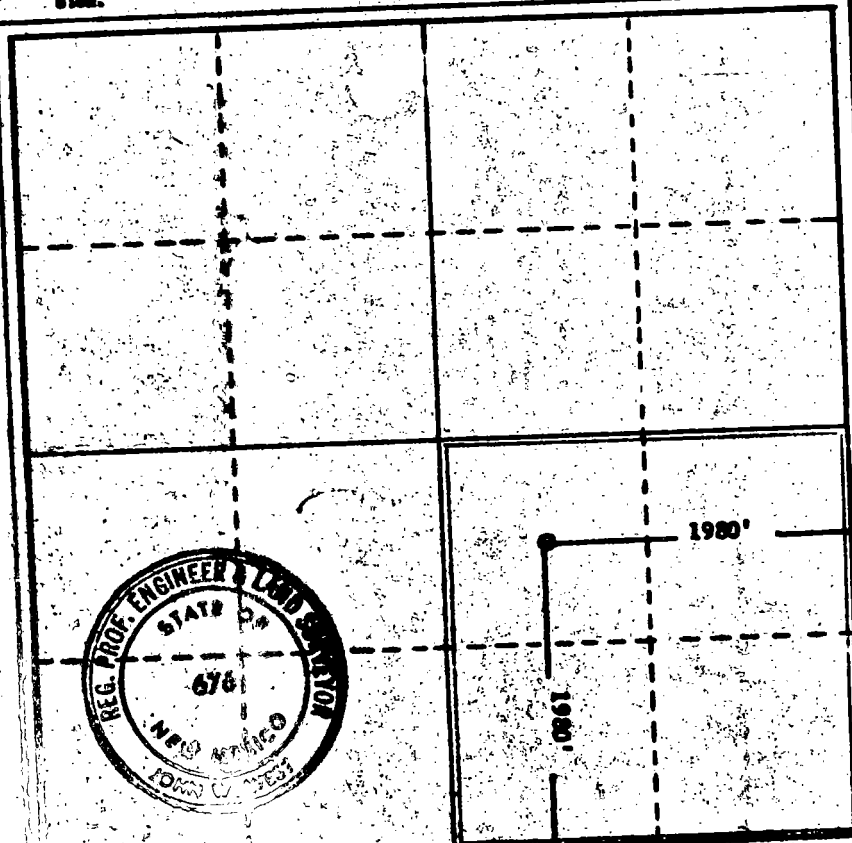
All distances must be from the outer boundaries of the Section.

Operator MWJ PRODUCING COMPANY		Lease BAUM D	Well No. 1
Unit Letter A	Section 14	Township 33 NORTH	Range 33 EAST
Actual Footage Location of Well 1980		Line and 1980	Foot from the EAST
Ground Level Elev. 4232.3 GL	Producing Formation Upper Penn	Pool Baum Upper Penn	Dedicated Acreage 160

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 _____

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 Commission.



CERTIFICATION

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

[Signature]
Name

R. Ken Williams

Position

Vice-President

Company

MWJ Producing Company

Date

November 21, 1969

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.

NOVEMBER 18 1969

Date Surveyed

Registered Professional Engineer and/or Land Surveyor

[Signature]
Certificate No. 676

COUNTY IFA FIELD BAUM STATE NM 30-03-2336

OPR MWI PRODUCING CO. MAP

1 Baum "D" State

Sec 4, T-14-S, R-33-E CO-ORD

1980' FSL, 1980' FEL of Sec.

Spd 12-5-69

Cmp 1-12-70

CLASS EL

FORMATION DATUM FORMATION DATUM

CSG & SX - TUBING

13 3/8" at 364' w/400 SX

8 5/8" at 4080' w/300 SX

5 1/2" at 9985' w/300 SX.

LOGS. EL GR RA IND MC A

TD 9986'; PED 9909'

IF (Pennsylvanian) Perfs 9853-76' Swld & Flwd 228 POPS - 120 W.

Pot based on 24 hr test thru 2" chk, TP 0-50#; GR 10-1; Max

42.2

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CONT. Moran PROP DEPTH 10,100' TYPE

DATE

F.R. 12-9-69

PD 10,100' (Pennsylvanian)

Contractor - Moran

12-9-69 Drlg. 3375'

12-15-69 Drlg. 5467'

12-22-69 Drlg. 8600'

1-5-70 TD 9986'; PED 9909'; WOG

1-14-70 TD 9986'; PED 9909'; ST

Perf @ 9853', 9854', 9855', 9860', 9861', 9862',
9863', 9864', 9865', 9866', 9867', 9874', 9875',
9876' w/1 SPI

Acid (9853-76') 2500 gals (28%) + 3000 gals (50%)

1-19-70 TD 9986'; PED 9909'; Tstg

1-26-70 TD 9986'; PED 9909'; Prep RT imp

2-2-70 TD 9986'; PED 9909'; COMPLETE

ELA From NM Sec 4, 114-133
MW7 PROWELLING CO. 1 From "C" State Page 10

2-2-70

Continued

LOG TOPS: Anhydrite 1660', Yates 2610',
San Andres 4020', Tubb 6940', Al 7614',
Wolfcamp 9104', Pennsylvanian 9710',
Rough "C" 9846'

2-5-70

COMPLETION REPORTED

