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NEW MEXICO OIL CONSERVATION COMMISSION

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FEB 23 1976

O. C. C.

ARTESIA, OFFICE

30-051-20005

Form O-101  
Revised 14-65

5A. Indicate Type of Lease

STATE ☒ FEDERAL ☐

5. State Oil & Gas Lease No.

L-3821

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work		7. Unit Agreement Name	
		Jornada del Muerto	
b. Type of Well OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		8. Farm or Lease Name	
		Jornada del Muerto	
2. Name of Operator		9. Well No.	
BEARD OIL COMPANY		4	
3. Address of Operator		10. Field and Pool, or Wildcat	
2000 Classen Center, 200 So., Okla. City, OK 73106		Wildcat	
4. Location of Well UNIT LETTER <u>C</u> LOCATED <u>2390</u> FEET FROM THE <u>West</u> LINE AND <u>744.1</u> FEET FROM THE <u>North</u> LINE OF SEC. <u>2</u> TWP. <u>15S</u> RGE. <u>1E</u> NMPM		12. County	
		Sierra	
19. Proposed Depth		19A. Formation	
2815'		Glorietta	
20. Rotary or C.T.		21. Elevations (Show whether DF, RT, etc.)	
Rotary		5300' GR - 5304' DF	
21A. Kind & Status Plug. Bond		21B. Drilling Contractor	
\$10,000 Blanket Bd. #1960357		V. M. Shortess	
22. Approx. Date Work will start			
3-5-76			

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
8-3/4"	7"	20#	400'	150	Circ
6-1/8"	4-1/2"	10.5#	2,815'	200	2000'

The surface hole will be drilled with air as far as hole conditions permit. Surface casing will be set at 400'. Air will be used below surface casing as far as hole conditions permit, at which time it will be mudded up and drilled to total depth. At total depth electric logs will be run, and if production is indicate, 4-1/2" casing will be run and set through all potentially productive zones. The zones to be tested will be perforated and if necessary, will be treated on an individual basis.

APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 5-25-76

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.

JAMES W. VATER, JR.

Signed James W. Vater, Jr. Title Operations Manager

Date Feb. 20, 1976

(This space for State Use)

APPROVED BY W. A. Grasset TITLE SUPERVISOR, DISTRICT II

DATE FEB 25 1976

CONDITIONS OF APPROVAL, IF ANY:

Adequate blow-out preventers be used

NSL-760  
2-23-76

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL LOCATION AND ACREAGE DEDICATION PLAT

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

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

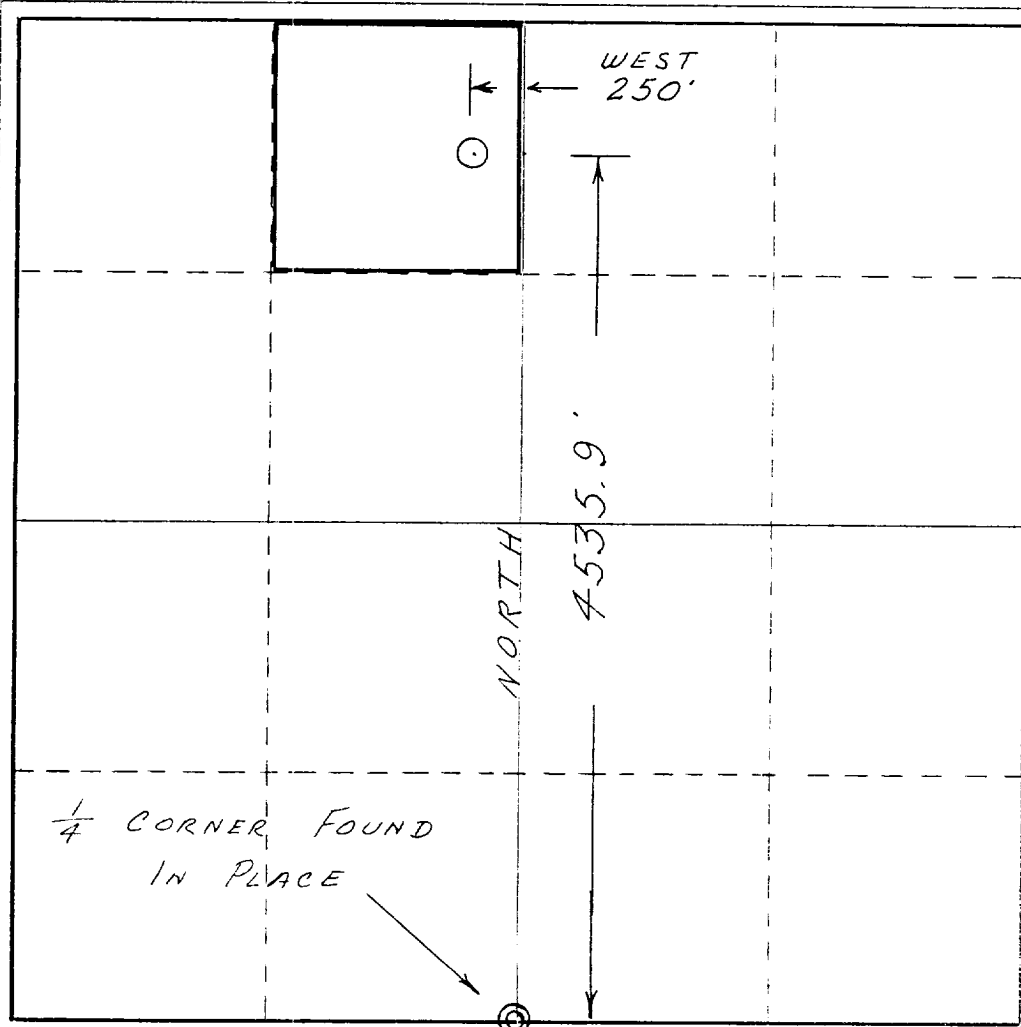
Operator <b>BEARD OIL COMPANY</b>			Lease <b>Jornada del Muerto Unit</b>		Well No. <b>4</b>
Unit Letter <b>C</b>	Section <b>2</b>	Township <b>15 South</b>	Range <b>1 East</b>	County <b>Sierra</b>	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> <span>2390 feet from the</span> <span>West line and</span> <span>744.1 feet from the</span> <span>North line</span> </div>					
Ground Level Elev. <b>5300</b>	Producing Formation <b>Wildcat</b>		Pool <b>-----</b>	Dedicated Acreage <b>40</b> 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.

*James W. Vater, Jr.*  
Name **James W. Vater, Jr.**  
Position **Operations Manager**

Company **BEARD OIL COMPANY**

Date **February 20, 1976**

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.

Date Surveyed  
**FEB. 9 & 10, 1976**

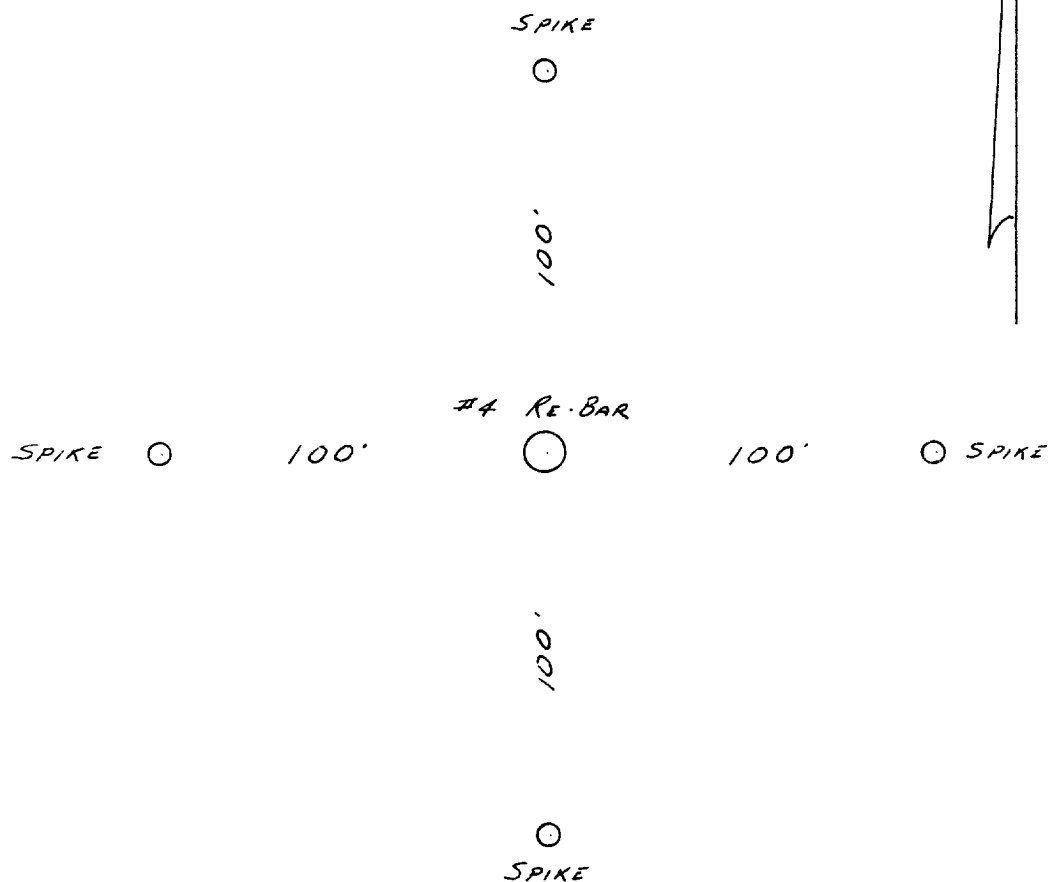
Registered Professional Engineer and/or Land Surveyor

*Thomas H. Paul*

Certificate No.  
**NMLS 3645**

THOMAS H. PAUL & SONS, INC.  
LAND SURVEYORS  
109 COURT ST.  
P. O. BOX 1275  
SOCORRO, N.M. 87801

(505) 835-1411



This location lies in NE NW Section 2, T 15S, R 1E, NMPM, Sierra County, New Mexico, 4535.9 feet north, thence 250 feet west from the 1/4 corner of sections 2 and 11. Because of terrain, location was not placed in the center of NE NW. The location is referenced as shown above with all points flagged blue and yellow. The location itself has a guyed 10 foot lath with fluorescent ribbon. The re-bar has a metal tag marked "BLARD OIL - within NE NW Section 2", the reverse is marked "NMLS #3645".

BEARD OIL COMPANY  
SUITE 200, 2000 CLASSEN BUILDING  
2000 CLASSEN BOULEVARD  
OKLAHOMA CITY, OKLAHOMA 73106

RECEIVED

February 19, 1976

FEB 23 1976

C. D. C.  
ARTESIA, OFFICE

New Mexico Oil Conservation Commission  
P. O. Box 2088  
Santa Fe, New Mexico 87501

Attention: Mr. Dick Stamets

Subject: Jornada Del Muerto Unit - Well No. 4

Gentlemen:

Beard Oil Company is the operator of the Jornada Del Muerto Federal Unit consisting of 115,189.65 acres, 23,209.96 of which are covered by State of New Mexico oil and gas leases, in Sierra County, New Mexico.

Beard plans to commence operations as soon as possible for the drilling of the next ensuing unit obligation well in the NE $\frac{1}{4}$  NW $\frac{1}{4}$ , Section 2, Township 15 South, Range 1 East, however due to topographic conditions we are forced to locate this well 80 feet beyond the limits established in Rule 104 of Rules and Regulations for the New Mexico Oil Conservation Commission.

Enclosed is a lease ownership plat indicating that Beard owns all the leases offsetting the proposed location, along with a copy of the surveyor's plat showing the exact footage of the location from the South line of the Section and the East line of the NE $\frac{1}{4}$  NW $\frac{1}{4}$ . On the surveyor's plat I have sketched in the approximate location of a rather large gully which makes it virtually impossible to clear a location large enough to accomodate even a small rig and be within the limits of Rule 104.

Beard respectfully requests that an exception to Rule 104 be granted to allow it to drill the proposed well at the location shown on the survey plat. Beard further requests immediate approval of this application in order to comply with the March 13, 1976 obligation date under the Federal Unit.

Very truly yours,

BEARD OIL COMPANY

Jack Yeisley  
Land Manager

JY:cd

Enclosure

BEARD OIL COMPANY  
SUITE 200, 2000 CLASSEN BUILDING  
2000 CLASSEN BOULEVARD  
OKLAHOMA CITY, OKLAHOMA 73106

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FEB 28 1976

O. C. C.  
ARTESIA, OFFICE

February 20, 1976

Mr. W. A. Gressett, Supervisor District II  
New Mexico Oil Conservation Commission  
Drawer DD  
Artesia, NM 88210

Re: Beard Oil Company #4 Jornada del Muerto Unit  
2390' FWL and 744.1' FNL of Sec. 2-15S-1E  
Sierra County, New Mexico -  
New Mexico State Lease L-3821

Dear Mr. Gressett:

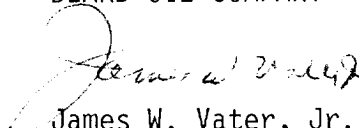
Enclosed are six copies of form C-101 together with four copies of form C-102 for the above referenced well.

You will note that this location is off-pattern; however we have applied for an exception because of topography and I am enclosing a copy of the letter which was sent to Santa Fe requesting this exception.

We will have a rig available to drill the well approximately March 1st, and we have an obligation to commence drilling under a Federal Unit on or before March 13th. Thus any assistance you may be able to give us in expediting approval of this Application will be greatly appreciated.

Yours very truly,

BEARD OIL COMPANY

  
James W. Vater, Jr.  
Operations Manager

JWVJ:tlg

Encl.'s