Form 9-331 C (May 1963)

SUBMIT IN '. LICATE\* (Other instructions on reverse side)

## UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SERIAL NO.

GEOLOGICAL SURV	USA - N.M. 9742				
APPLICATION FOR PERMIT TO DRILL,	DEEPEN, OR PLUG B	<b>ACK</b>	6. IF INDIAN, ALLOTTEE	OR TRIBE NAME	
DRILL DEFPENDENCE  DRILL DEFPENDENCE  DRILL DEFPENDENCE  DEFPENDENCE	PLUG BAC		7. UNIT AGREEMENT N. Jornada del N 8. FARM OR LEASE NAM	luerto la l	
Beard Oil Company  3. ADDRESS OF OPERATOR			9. WELL NO.  3 10. FIELD AND POOL, O	R WILDCAT	
2000 Classen Bldg. Suite 200 South		<b>b</b>	Wildcat		
At proposed prod. sone 827/5 2/97//		\$ \$4 20	22-T13S-R1E	EA.	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR PO	ST OFFICE*		12. COUNTY OR PARISH	13. STATE	
12 miles east, 2 miles south of Engle, N	lew Mexico		Sierra	New Mexico	
15. DISTANCE FROM PROPOSED® LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig, unit line, if any) 990	16. No. OF ACRES IN LEASE	OF ACRES ASSIGNED HIS WELL	- <u>.</u>		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.  15. Well	19. PROPOSED DEPTH 20. ROTA 2200 Rota				
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5500 GR (Est)			March 1, 19	_	
PROPOSED CAS	ING AND CEMENTING PROGRA	M		;	
SIZE OF HOLE SIZE OF CASING WEIGHT PER	FOOT SETTING DEPTH		QUANTITY OF CEMENT		
12-1/4 8-5/8 24	400	Suffi	ficient to circulate		
7-7/8 4-1/2 10.5	2200	150 sacks			
) If conductor is needed set and cement	16" conductor in a	20" bo	le at annrovim	ately 30!	

- with a rathole or cable tool rig.
- (2) Move in and rig up rotary tools and drill a 12-1/4" hole to 400'. Run 8-5/8" casing to 400' and cement to the surface.
- (3) Nipple up blowout preventer and test the blowout preventer and casing to 800 psi.
- (4) Drill 7-7/8" hole to TD of 2200'.
- (5) Take drill stem tests as warranted from mud logging unit and samples
- (6) Run logs at total depth.
- (7) If production is indicated after running logs, run 4-1/2" production casing and set and cement through all prospective zones.
- (8) Selectively perforate casing and test. Stimulate if necessary.
- (9) Test and complete.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive sone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout

24.	
BIGNED James W. Vater Jr. TITLE	Operations Manager DATE 1/28/75
PENTAGOLIED	TIONS APPROVAL DATE
DALL INDED IS WON	
APPROVED OF STATES OF STAT	DATE
ACTING DISTRICT FRICINGER THIS AFPROVAL ARE NOT COMMANDED TO ARE INSTRUCTIONS (See Instructions)	$\hat{\mathcal{A}}_{i} = \hat{\mathcal{A}}_{i} + $
MIG DISTRICT ENGLY	
*See Instructions (	On Reverse Side

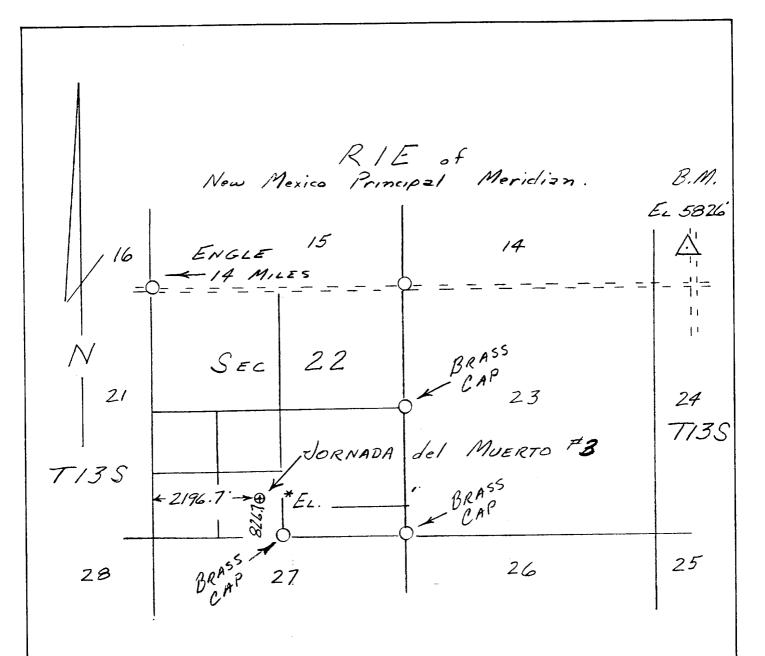
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als to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either life Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form	res and practices, either are shown below or will be issued be a new reservoir, use this form with appropriate notations. be described in accordance with Federal requirements. Con	if information, should be furnished when required by Federal or State agency offices, stances for subsurface location of hole in any present or objective production zone. officials, concerning approval of the proposal before operations are started.		e de la compansa del compansa del compansa de la co	ne emineral en la laca de laca en la laca en		1 27 1.
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General: This form is designed for submitting propos Rederal or a State agency, or both, pursuant to applicable the number of conics to be submitted.	and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be isseed obtained from, the local Federal and/or State office.  Ifem 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notal applicable State or Federal regulations concerning subsequent work proposals or reports on the well.  Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. State or Federal office for specific instructions.  Item 14: Needed only when location of well cannot readily be found by road from the land or lease description.	Ing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.  U.S. GOVERNMENT PRINTING OFFICE: 1863-0-0-711-396	194 B 112° 1	r wysk gaillawr	i, s balozi	eff of trains	
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## MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT

		All distances must be	from the outer	boundaries of	the Section.			
Operator			Lease				Well No.	
BEARD OIL COMPANY			JORNADA DEL MUERTO UNIT				<b>.</b>   <b>. .</b>	
Unit Letter Section Township			Range County			<u></u>		
	l .	1	1	77	1		A	
	22	13 South		East	Sie	rra Coun	ty, New Mexico	
Actual Footage Loc	ation of Well:							
8 <b>3</b> 7	feet from the S	outh line and	2197	fee	t from the	West	<sub>line</sub> Sec. 22	
Ground Level Elev.	Producing For	mation	Pool				Dedicated Acreage:	
5500' (Appro	ox.) Wildo	at	Wild	cat			40	
7355 (pp.			11220			<del></del>	Acr Acr	es
1. Outline th	e acreage dedica	ted to the subject w	ell by color	red pencil o	r hachure	marks on th	ne plat below.	
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Yes	No If a	nswer is "yes;" type	of consolida	ition		<del></del>		
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Plat showing location of Jornada del Muerto #3, 826.7 feet north of the south line and 2196.7 feet east of the west line of Section 22, T 13S, K 1E, NMPM, Sierra County, State of New Mexico.

(Prepared for Vater-Beard Oil Company, Oklahoma City, Oklahoma.)

RECEIVED

\* EL. AT POINT 50' NORTH 15 5468.3

### CERTIFICATE

GEOLOGICA, CE LOOS - RRASS C ARTESIA, NEW MEXICO BRASS CAP This is to certify that I am a Registered Land Surveyor in the State of New Mexico, that this plat has been prepared from notes of an actual survey made by me or under my direct supervision, and that both are true and correct to the best of my knowledge and belief.

FEB. 11, 1975

2.5 1 <u>3</u> -

Date

Thomas H. Paul Cert. No. 3645

Survey No. <u>286</u>

NELSON-PAUL and ASSOCIATES, Inc. Socorro, New Mexico

BEARD OIL COMPANY

SUITE 200, 2000 CLASSEN BUILDING 2000 CLASSEN BOULEVARD OKLAHOMA CITY, OKLAHOMA 73106

LOCATION PLANS

for

BEARD OIL COMPANY JORNADA DEL MUERTO UNIT #3 SE SW of Sec. 22 Tl3S-R11E Sierra County, New Mexico

The 12-point "Plan of Development" relative to drilling and production of the Jornado del Muerto Unit #2 is detailed below:

- (1) Existing Roads: The main road in this area is State Highway 52, which runs from Engle, New Mexico in a northeasterly direction. At a point approximately 9 miles east out of Engle on Highway 52, turn south and follow a dirt and caliche road which runs in a southeasterly direction to a point approximately 1 1/2 miles west and 3/4 mile north of the proposed location. The road then turns east and runs along the north line of the drillsite section. See Attached map Exhibit "A".
- (2) Planned Access Road: The access road will consist of approximately 3/4 mile of road running in a southerly direction from a point on the existing road along the north side of Sec. 22. See Attached map Exhibit "A". Width of road = 20'. Road will
- Lateral Roads to Well Location was the Shell Location was northwest of the proposed location. (3) Location of Existing Wells: The closest well drilled to this
- (4) Lateral Roads to Well Locations: None within a half-mile of proposed location.
- N.S. GEOLOGICAL SURVEY ARTESIA, NEW MEXICO (5) Location of Tank Batteries & Flow Lines: The tank battery will be placed on the existing rig pad if the well is productive. See attached plat Exhibit "B".
- Water Supply: Water will be hauled from existing stock ponds in the area.
- (7) Waste Disposal: Cuttings will be put in the reserve pits. Other trash & debris will be put in a burn pit. This pit will be filled after the drilling is completed. The working pits will be filled after the well is drilled. The reserve pit will be fenced and filled when dry enough to do so.

## LOCATION PLANS

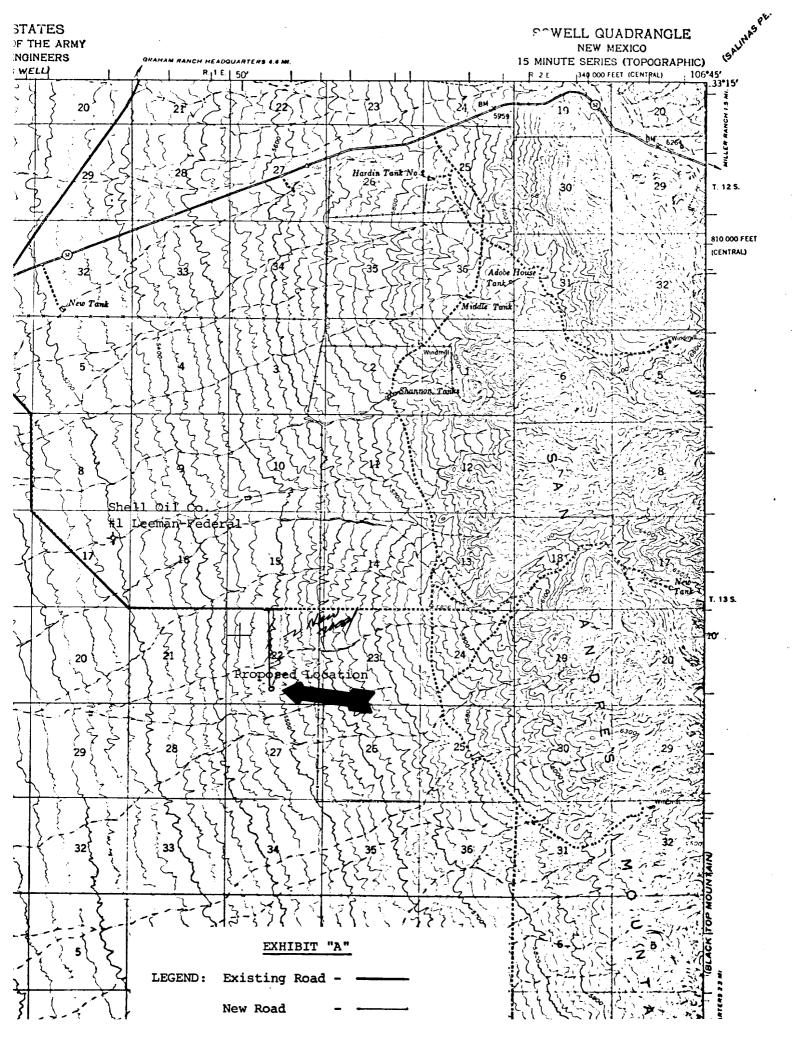
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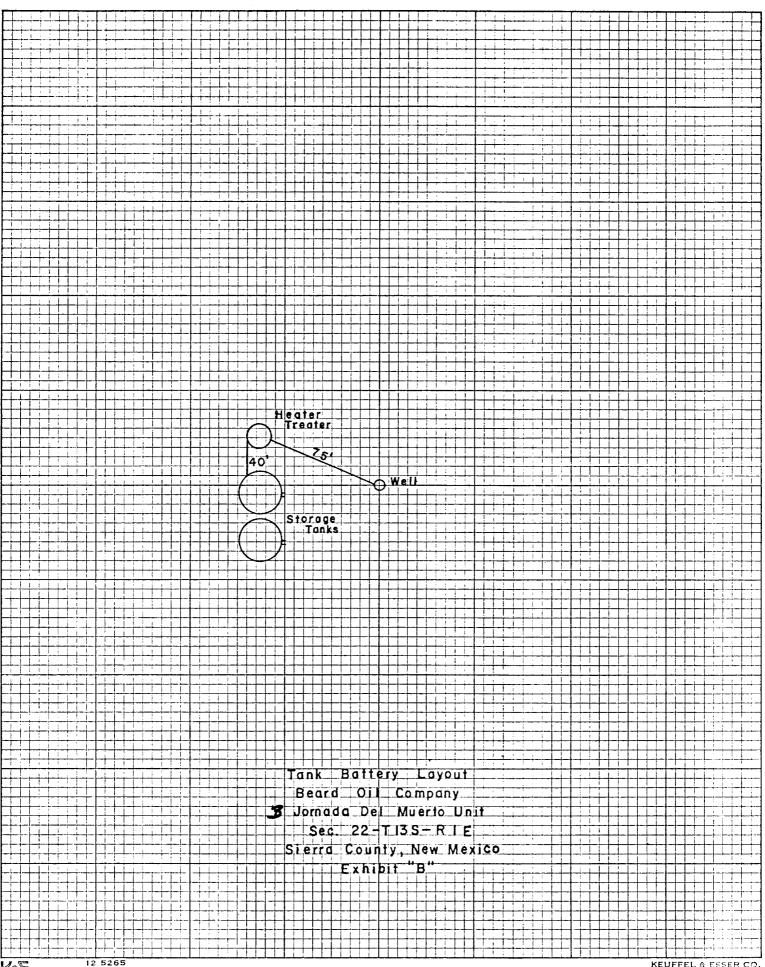
BEARD OIL COMPANY
JORNADA DEL MUERTO UNIT #3
SE SW of Sec. 22 T13S-R11E
Sierra County, New Mexico

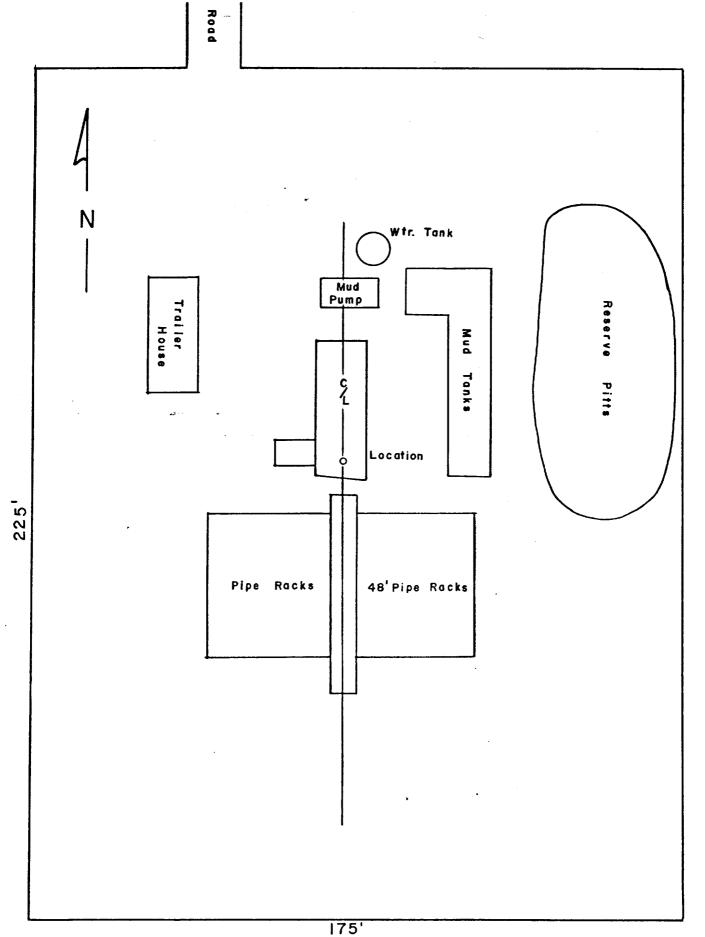
#### Page -2-

- (8) <u>Camps</u>: There will be a trailer house at the location, but no camps will be set up.
- (9) Location of Airstrips: No airstrips will be constructed for the drilling of this well.
- (10) Location Layout: The rig to be used is a trailer mounted Wilson Mogul Model 42. The attached Exhibit C shows the general layout of the rig.
- (11) Plans for Restoration of the Surface: After completion of drilling the working pits and burn pit will be filled. The reserve pit will be fenced if it is too wet to backfill at the time the well is completed and will be filled when it has dryed up. The location will be restored and reseeded to the satisfaction of the BLM and the USGS.
- (12) General: The surface is dipping to the west at approximately 125' per mile. There is very littlegrass or vegitation on the location. The surface of this location is public domain land.

RECEIVE D. S. GEOLOGICA MARIENTA







Schemetic Drawing Of Rig Not To Scale
Exhibit "C"