

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☒GAS
WELL ☐

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Miranda Energy

3. ADDRESS OF OPERATOR 105 West Wall, Suite 800
Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)

At surface

1980'/S

660'/W

Sec. 22

At proposed prod. zone

Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

17 miles South of Kenna, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

660'

16. NO. OF ACRES IN LEASE

280

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

none

19. PROPOSED DEPTH

4000' San Andres

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

4265' GR

22. APPROX. DATE WORK WILL START*

June 15

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 5/8"	24# ST&C	1500'	750 sx CIRCULATE
7 3/4"	4 1/2"	10.5# ST&C	4000'	150 sx

1. Surface: Triassic Redbeds

2. Expected Tops: Rustler 1440'
Salado 1500'
Yates 1930'
San Andres 3100'
P1 3800'
P2 3900'

3. Estimated Fluids: Ogallala 150' Fresh wtr
Salado 1500' salt wtr
San Andres 3100' Oil&Gas

4. Casing Program: See Above

5. Sketch of BOP: See Attached

6. Mud Program: 0-1250' spud mud, 9#/gal
1250-3700' native, 9.5#/gal
3700'-TD salt gel, 9.5#/gal

7. Aux. Equip: Kelly cox, float @ bit,
Stab valve, subs.

8. GR-N, DIL logs

9. No abnormal pressures or Temperatures
in area.

10. Anticipated spud date: June 15, 1981

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. 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

TITLE President

DATE 6/8/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY: **GEORGE H. STEWART**

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

FOR

JAMES A. OILMAN
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form 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 issued by, or may be obtained from, the local Federal and/or State office.

Item 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 notations. Consult 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. Consult local 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. A plat, or plats, separate or on this reverse side, showing 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 offices.

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 zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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

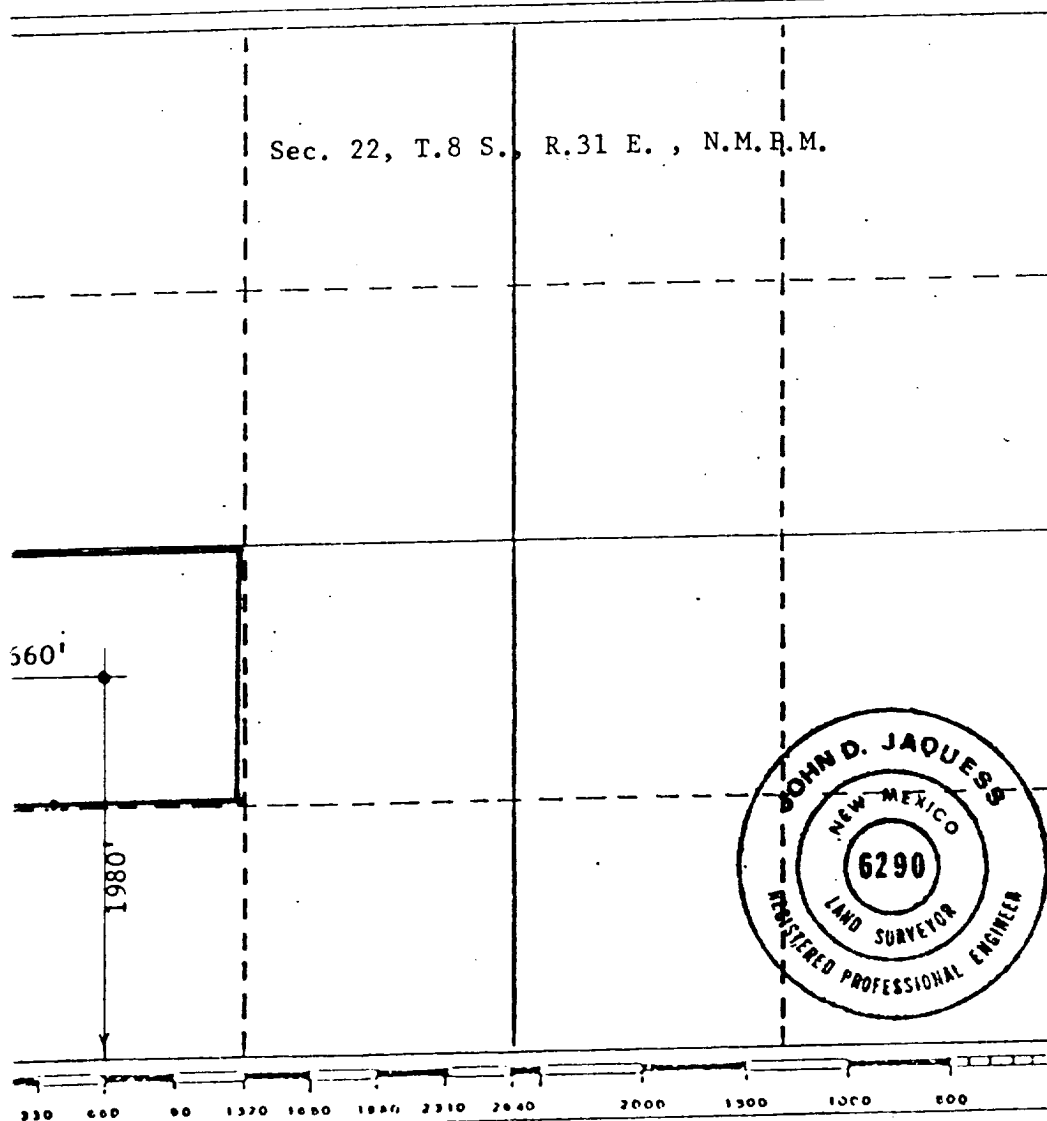
Lessor Miranda Energy		Lease Miranda Federal		Well No. #1
Letter 	Section 22	Township 8 South	Range 31 East	County Chaves
Well Location of Well: 660 feet from the West line and 1980 feet from the South line				
Land Level Elev. 4266	Producing Formation San Andres		Pool Siete - Extension	Dedicated Acreage: 40 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- 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 N/A

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 Division.



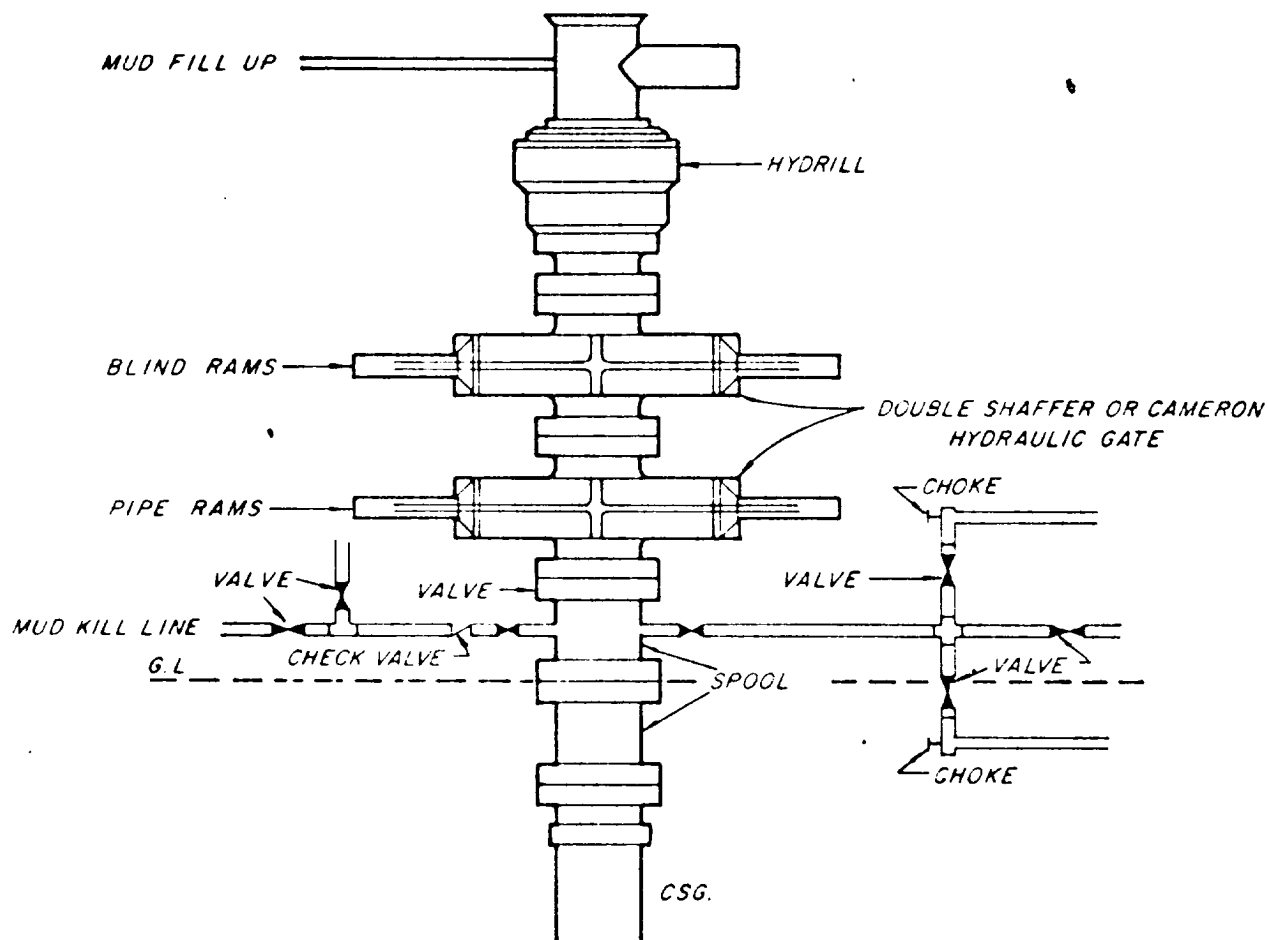
CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
Name	<u>JERRY W. LONG</u>
Position	Agent for:
Company	MIRANDA ENERGY
Date	June 9, 1981
I hereby certify that the well location shown on this plat was plotted from field 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	June 2, 1981
Registered Professional Engineer and/or Land Surveyor	
<u>John D. Jaquess</u> John D. Jaquess, P.E. & L.S.	
Certificate No.	6290

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ExH. D



API SERIES 900

3000# WP

NOTE:

Manual and Hydraulic controls with closing unit no less than 75' from well head.
Remote controls on rig floor.

ExH. D

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