

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

REC'D COPY

5. LEASE DESIGNATION AND SERIAL NO.

NM 31189

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NA

7. UNIT AGREEMENT NAME

NA

8. FARM OR LEASE NAME

Federal

9. WELL NO.

1-Y

10. FIELD AND POOL, OR WILDCAT

Siete - Extension

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 22, T-8-S, R-31-E

12. COUNTY OR PARISH 13. STATE

Chaves

N.M.

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 Wall St., Suite 800, Midland, TX 79701

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

At surface

1980' FSL & 680' FWL Section 22

At proposed prod. zone

Same

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

17 miles South of Kenna, New Mexico

15. DISTANCE FROM PROPOSED*

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

680'

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'

20. ROTARY OR CABLE TOOLS

Rotary

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

4265 GR

22. APPROX. DATE WORK WILL START*

8-14-81

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#	1,425'	750 Sx
7 7/8"	4 1/2"	10.5#	4,000'	150 Sx

CIRCULATE

- Surface: Triassic Redbeds
- Expected Tops: Rustler 1440'
Salado 1500'
Yates 1930'
San Andres 3100'
P1 3800'
P2 3900'
- Estimated Fluids: Ogallala 150' fresh wtr
Salado 1500' salt wtr
San Andres 3100' Oil & Gas
- Casing Program: See Above
- Sketch of BOP: See Attached
- Mud Program: 0-1250' spud mud 9#/gal
1250-3700' native 9.5#/gal
3700-TD salt gel, 9.5#/gal
- Aux. Equip: Kelly cox, float @ bit
Stab valve, subs
- GR-N DIL logs
- No abnormal pressures or temperatures in area.
- Anticipated Spud Date: 8-14-81

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 J. Chaney TITLE Agent DATE 8-20-81

(This space for Federal or State office use)

PERMIT NO.

APPROVED

APPROVAL DATE

(Orig. Sgd.) ROGER A. CHAPMAN

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

AUG 27 1981

JAMES A. GILLHAM
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.

AUG 31 1981

NE MEXICO OIL CONSERVATION COMMISS'
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 Miranda Energy			Lease Federal		Well No. 1-Y
Unit Letter I	Section 22	Township 8-South	Range 31-East	County Chaves	
Actual Footage Location of Well: 680 feet from the West line and 1980 feet from the South line					
Ground Level Elev. 4265	Producing Formation San Andres		Pool Siete Extension		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 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 Commission.

Section 22, T-8-S, R-31-E, N.M.P.M.

I, J. C. Raney, do certify that the well is located at the site as shown on this plat to the best of my knowledge.

J. C. Raney
J. C. Raney

680'

1980'

CERTIFICATION

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

Name

J. C. Raney

Position

Agent for

Company

Miranda Energy

Date

8-20-81

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.

Surveyed at 660' FWL & 1980' FSL on

Date Surveyed

6-2-81

Registered Professional Engineer and/or Land Surveyor

by John D. Jaquess

Certificate No.

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

RECEIVED

AUG 28 1981

O. C. D.
ARTESIA, OFFICE

RECEIVED

AUG 21 1981

INFORMATION DIV