

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1. TYPE OF WORK
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐

2. TYPE OF WELL
 OIL WELL ☒ GAS WELL ☐ OTHER ☐

3. NAME OF OPERATOR
 Marbob Energy Corporation

4. ADDRESS OF OPERATOR
 P.O. Drawer 217, Artesia, N.M. 88210

5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
 At surface: 990 FSI 2210 FET
 At proposed prod. zone: Same

6. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE
 20 air miles east of Artesia, N.M. 88210

7. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT.
 (Also to nearest drlg. unit line, if any): 600'

8. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR ABANDONED, ON THIS LEASE, FT.
 600'

9. ELEVATIONS (Show whether DE, RT, GR, etc.)
 547.5' DE

10. NO. OF ACRES IN LEASE
 600

11. PROPOSED DEPTH
 3450'

12. NO. OF ACRES ASSIGNED TO THIS WELL
 40

13. ESTARY OR CABLE TOOLS
 Rotary

14. APPROX. DATE WORK WILL START
 8/7/83

AUG 03 1983

O. C. D.
ARTESIA, OFFICE
WJD

15. LEASE DESIGNATION AND SERIAL NO.
 LC-028731 (A)

16. IF INDIAN, ALLOTTEE OR TRIBE NAME

17. UNIT AGREEMENT NAME

18. FARM OR LEASE NAME
 M. Dodd "A"

19. WELL NO.
 25

20. FIELD AND POOL, OR WILDCAT
 Grayburg Jackson-SF-2

21. SEC. T., R., M., OR BLE. AND SURVEY OR AREA
 Sec. 22-T17S-R29E

22. COUNTY OR PARISH
 Eddy

23. STATE
 N.M.

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
4 1/2"	4 1/2"	14#	80'	sufficient to circulate 400 gals. to base of salt
5 1/2"	5 1/2"	21.30#	1450'	

Any work will be performed and a final report is needed for permit production.

- Additional notes:
1. Location & acreage dedication report.
 2. Supplemental drilling data.
 3. Estimate USD price.

Produced by
J.D. 10/10/83
8-5-83

15. ABOVE STATE 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 direction, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

SIGNED: *C. G. Lopez*

TITLE: Program for work

DATE: 8/1/83

(This space for Federal or State office use)

PERMIT NO.:
 APPROVED BY: *C. G. Lopez*
 CONDITIONS OF APPROVAL, IF ANY:

APPROVAL DATE:

TITLE:

DATE: 8/2/82

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form 1-1
Superseded 1-1-81
Effective 1-1-81

All locations must be within the outer boundaries of the section.

Marbob Energy Corp.

M. Dodd "A"

25

22 17 South 29 East Eddy County

290 South 2210 East

5747.5 San Andres Grayburg Jackson-SF 2-6-SF 40

acreage dedicated to the subject well by colored pencil. The survey marks on the plat below.

The lease is dedicated to the well within each acre and to the acre state of the plat as to working interest.

In case of different ownerships related to the well, the interests of all owners been assigned to the production, unitization, and pooling.

It is well as the shape of the section and the well location.

The well is located within the section and the well location is as shown on the reverse side of the plat.

The well is located within the section and the well location is as shown on the reverse side of the plat.

DATE: 8/1/83

I hereby certify that the information furnished is true and correct and conforms to the requirements of the law.

Carolyn Orris

Carolyn Orris

Production Clerk

Marbob Energy Corporation

8/1/83

I hereby certify that the well is located within the section and the well location is as shown on the reverse side of the plat.

July 14, 1983

Chaz W. Whit

Certificate No. 1000000000

SUPPLEMENTAL DRILLING DATA

PARSONS ENERGY CORPORATION

DODD A NO. 25

SW1/4:SE1/4 Section 22, T-17S, R-20E,
EDDY COUNTY, NEW MEXICO
(DEVELOPMENT WELL)

1. SURFACE FORMATION: Quaternary.

2. ESTIMATED TOPS OF GEOLOGIC MARKERS:

Salt	361	Queen	1815'
Base Salt	781	Grayburg	2140'
Yates	931	San Andres	2510'
Sevier Rivers	1145	Glorietta	3300'

3. ANTICIPATED POROSITY ZONES:

Water	Above 130'
Oil	2350 - 3450'

4. CASING DESIGN:

SIZE	INTERVAL	WEIGHT	GRADE	JOINT	CONDITION
8 5/8"	1-350'	24.1#	K-55	STC	New
5 1/2"	1-3450'	15.1#	K-55	STC	New

5. SURFACE CONTROL EQUIPMENT: A double ram type of annular BOP will be used.

6. CIRCULATING MEDIUM:

0 - 350' Fresh water mud with gel or foam as needed for viscosity control.

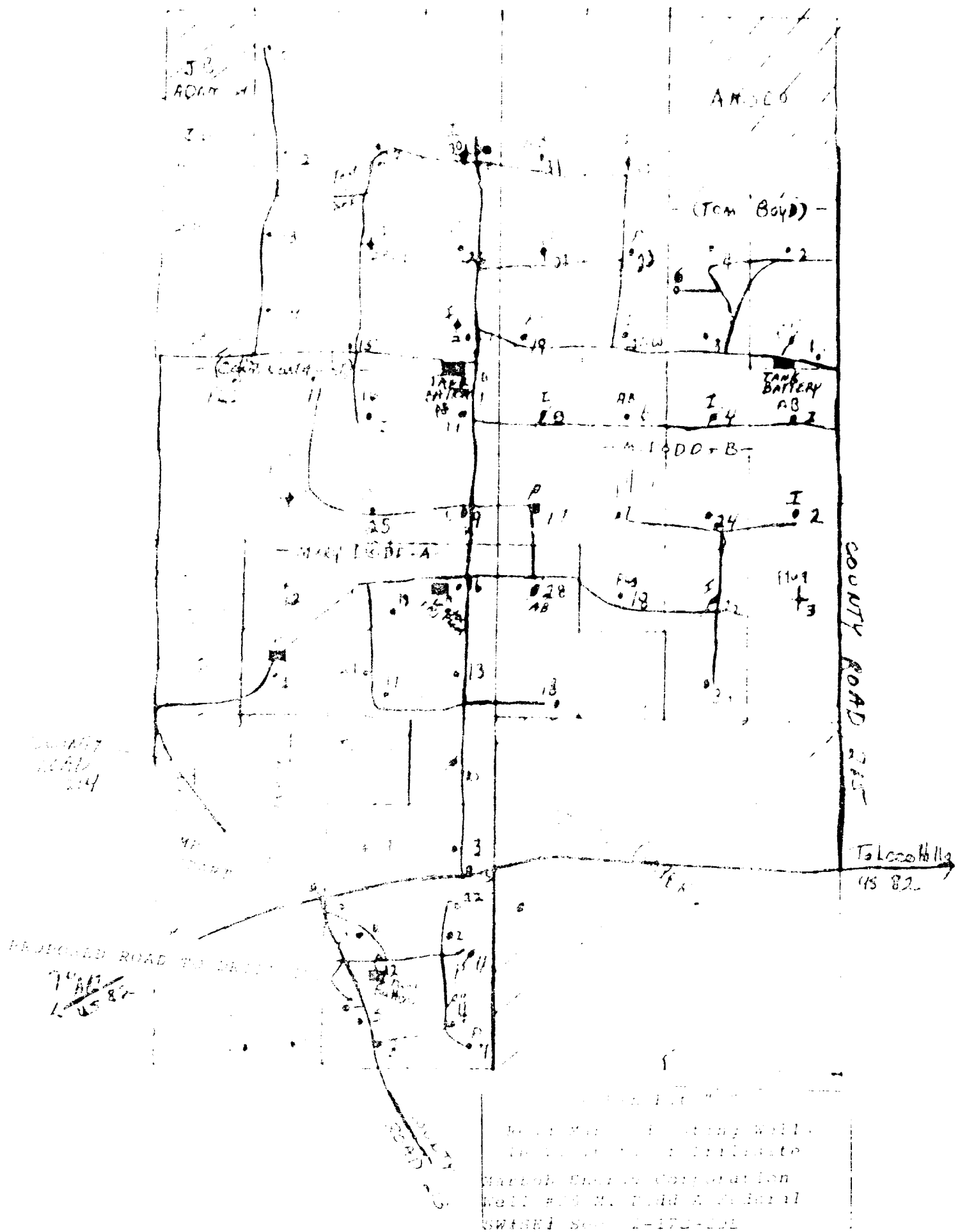
350' - 3450' Salt water mud, conditioned as necessary for control of viscosity and water loss or gain.

7. AUXILIARY EQUIPMENT: Drill string safety valve.

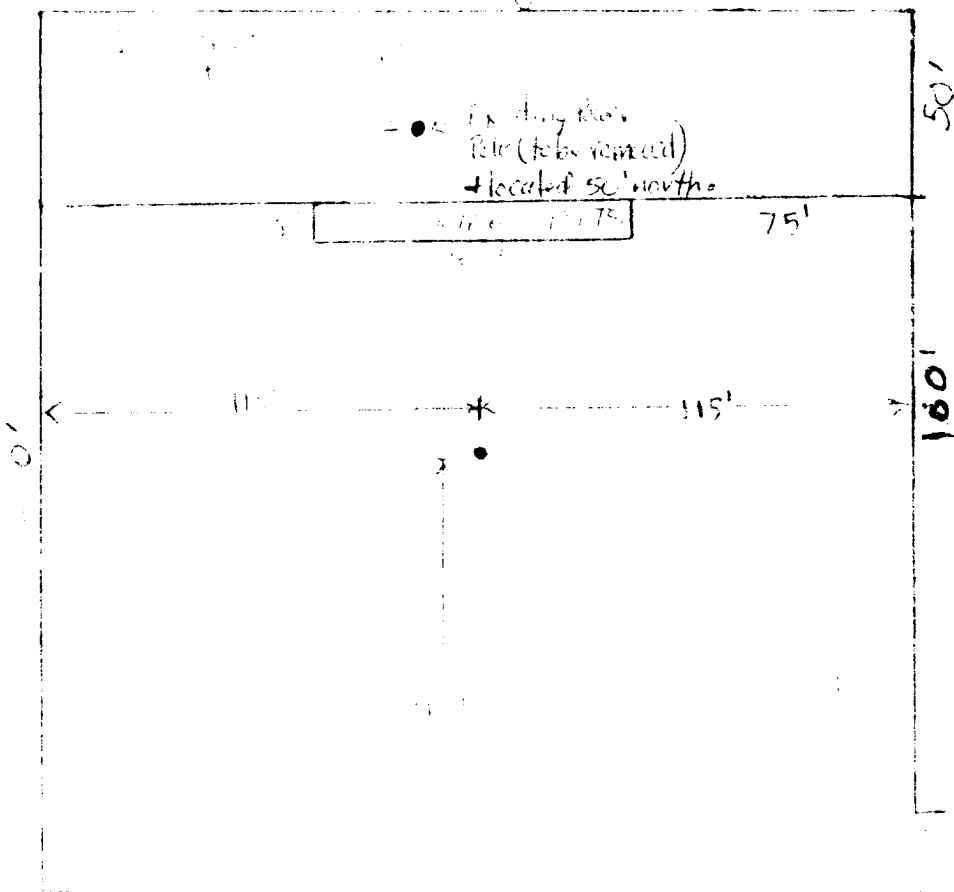
8. LOGGING PROGRAM: CNL-FDC W/GR Log will be run as TD.

9. ABNORMAL PRESSURES, TEMPERATURES OR GASES: A gas flow may be encountered in the salt section.

10. ANTICIPATED STARTING DATE: It is planned that operations will commence about August 7, 1983. Duration of drilling, testing and completion operations should be one to four weeks.



- • - proposed power pole



RD 213

EXHIBIT "B"

PLAN OF PROPOSED WELL PAD

Marbob Energy Corporation
Well #25 M. Dodd A Federal
SWSE4 Sec. 22-17S-24E.