

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other

2. NAME OF OPERATOR

Mesa Petroleum Co. ✓

3. ADDRESS OF OPERATOR

P. O. Box 2009 / Amarillo, TX 79189

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1980' FNL & 1650' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) Spud, 8 5/8" csg & cement

LEASE

NM-36653

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

RECEIVED

8. FARM OR LEASE NAME

Carol Fed Com

JUL 05 1983

9. WELL NO.

13

O. C. D.

10. FIELD OR WILDCAT NAME

West Pecos Slope ABO

ARTESIA, OFFICE

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

Sec 1, T7S, R22E

12. COUNTY OR PARISH

Chaves

13. STATE

New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4115' GR

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Spudded well with 12" hole on 6-13-83. Lost circulation at 65'. Drilled to 1216' and ran 30 jts 8 5/8", 24#, J55, ST&C casing set at 1216'. Cemented with 450 sx "C" + 10% Gypseal + 4% CaCl and tailed in with 200 sx "C" + 2% CaCl. PD at 1800 6-14-83. Cement did not circulate. Ran temp survey -- TOC at 630'. Set seven plugs with a total of 850 sx "C" + 4% CaCl and 11 yds redi-mix to circulate cement. Tested BOPs and casing to 1000 psi for 3 hours -- ok. Reduced hole to 7 7/8" and drilled ahead on 6-15-83. WOC total of 28 1/2 hours.

PARTNERS

XC: BLM-R (0+6), CEN RCDS, ACTG, MAT CONT, RES ENG, OPS(FILE), MIDLAND, ROSWELL,
Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

REGULATORY

SIGNED

R. E. Martin

TITLE

COORDINATOR

DATE

6-17-83

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ACCEPTED FOR RECORD

JUN 30 1983

ROSWELL, NEW MEXICO

30-005-01921

Form 9-331C
(May 1963)

NM OIL CONS. COMMISSION

Drawer DD

Artesia, NM 88210

SUBMIT IN TRIPPLICATE*

(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1425.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

RECEIVED
JAN 24 1983
ARTESIA, OFFICEMULTIPLE
ZONE ☐

2. NAME OF OPERATOR

MESA PETROLEUM CO. ✓

3. ADDRESS OF OPERATOR

P.O. Box 2009, Amarillo, Texas 79189

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

At surface

1980' FNL & 1650' FEL SW 1/4 NE 1/4

At proposed prod. zone

SAME

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

27 miles northwest from Roswell, NM

15. DISTANCE FROM PROPOSED*

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

660'/660'

16. NO. OF ACRES IN LEASE

2441.2

17. NO. OF ACRES ASSIGNED
TO THIS WELL

160

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

5300'

19. PROPOSED DEPTH

3500'

20. ROTARY OR CABLE TOOLS

Rotary

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

4115' GR

22. APPROX. DATE WORK WILL START*

February 15, 1983

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/4"	8 /8"	24#	1400'	700/300 Surface
7 7/8"	4 1/2"	10.5#	3500'	350 Cover all pay

Propose to drill 12 1/4" hole to approximately 1400' to set 8 5/8" surface casing and cement to surface. Will nipple up ram type BOP's and reduce hole to 7 7/8" to drill to total depth. Drilling medium will be air, foam, or mud as required. After log evaluation, 4 1/2" casing may be run and cemented with sufficient kinds and amounts to isolate and seal off any fresh water, oil or gas zones encountered.

Operator's Gas Sales are dedicated.

XC: [REDACTED] CEN RCDS, ACCTG, MIDLAND, ROSWELL, OPS (FILE) PARTNERS

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

R. E. Mathis

TITLE REGULATORY COORDINATOR

DATE 1-5-83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

JAN 7 1983

OIL & GAS
MINERALS MGMT. SERVICE
ROSWELL, NEW MEXICO

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

Operator Mesa Petroleum Co.			Lease Carol Federal Com			Well No. #13
Unit Letter G	Section 1	Township 7 South	Range 22 East	County Chaves		

Actual Postage Location of Well:

1650 feet from the East line and	1980 feet from the North line
Ground Level Elev. 4115	Producing Formation ABO
Pool Undes. West Pecos Slope ABO $\frac{1}{8}$	
Dedicated Acreages NE/4 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 Communitization in progress

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.

	<p align="center">CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>R. E. Mathis</i></p> <p>Name R. E. Mathis</p> <p>Position Regulatory Coordinator</p> <p>Company Mesa Petroleum Co.</p> <p>Date 1-5-83</p>
	<p>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.</p> <p align="center">JOHN D. JAQUES</p> <p>Date Surveyed November 19, 1982</p> <p>Registered Professional Engineer and/or Land Surveyor 6290</p> <p><i>John D. Jaques</i></p> <p>Certificate No. PROFESSIONAL ENGINEER & L.S. 6290</p>

APPLICATION FOR PERMIT TO DRILL

MESA PETROLEUM CO.
CAROL FED COM #13
1980' FNL & 1650' FEL, SEC 6, T7S, R23E
CHAVES COUNTY, NEW MEXICO

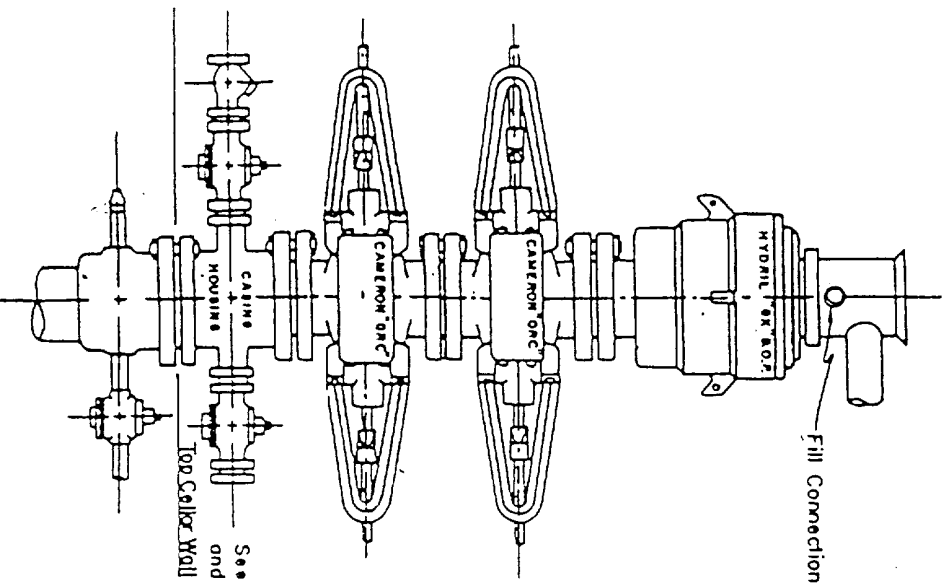
LEASE NO. NM-36653

In conjunction with Form 9331-C, Application For Permit to Drill subject well, the following additional information is provided:

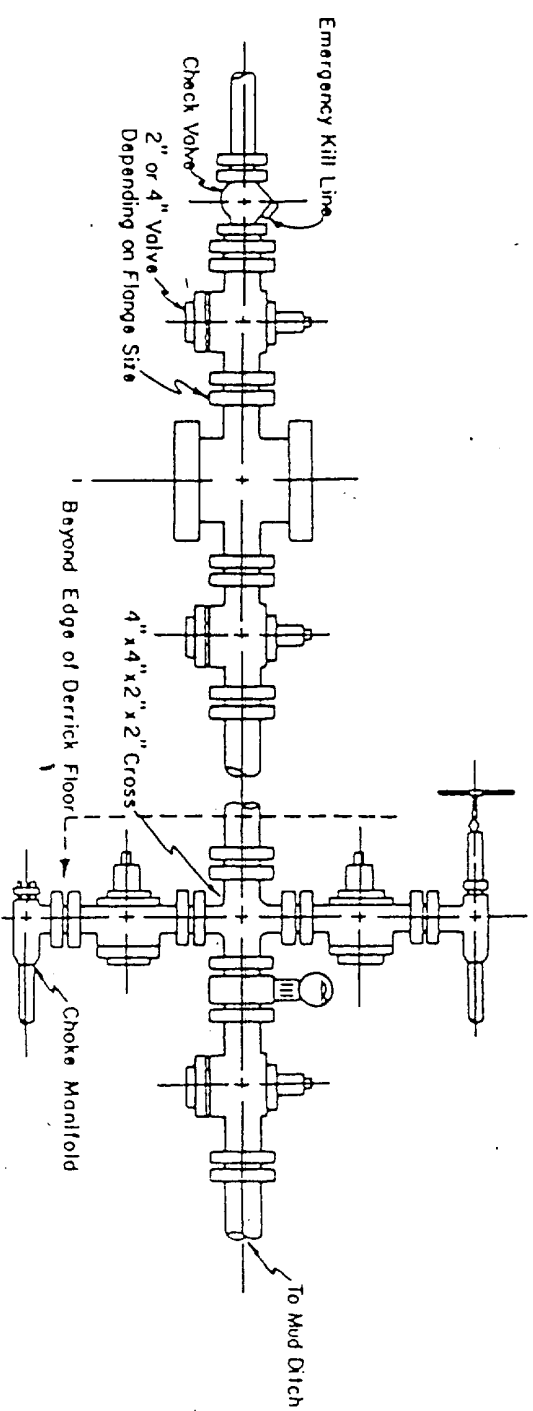
1. Applicable portions of the GENERAL REQUIREMENTS FOR OIL AND GAS OPERATIONS ON FEDERAL LEASES, Roswell District, Geological Survey of September 1, 1980 will be adhered to.
2. Geological markers are estimated as follows:

San Andres	Surface
Glorieta	690'
Tubb	2210'
ABO	2845'
3. Hydrocarbon bearing strata may occur in the ABO formation(s). No fresh water is expected to be encountered below 900'.
4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. Anticipate drilling with fresh water or mud using ram type preventer and rotating head for well control. The 8 5/8" casing will be set at approximately 1400' to protect any fresh water zones and cemented to the surface. The 4 1/2" production casing will be set at total depth or shallower depending upon the depth of the deepest commercial hydrocarbon bearing strata encountered. Sufficient amounts and kinds of cement would be used to ensure any water, gas, or oil zones encountered are isolated and shut off down to the casing point, if run.
5. No drill stem tests or coring program is planned. The logging program may consist of a GR-CNL from surface to total depth and FDC from casing point to total depth.
6. Anticipated drilling time is ten days with completion operations to follow as soon as a completion unit is available.

Blow-out Preventers hydril and choke manifold are all 900 Series



3,000 PSI WORKING PRESSURE
BLOW-OUT PREVENTER HOOK-UP



3,000 PSI WORKING PRESSURE
KILL, CHOKE, AND FILL CONNECTIONS

DETAIL OF 4" FLOW LINE CHOKE ASSEMBLY

Minimum assembly for 3,000 PSI working pressure will consist of three preventers.
The bottom and middle preventers may be Cameron.

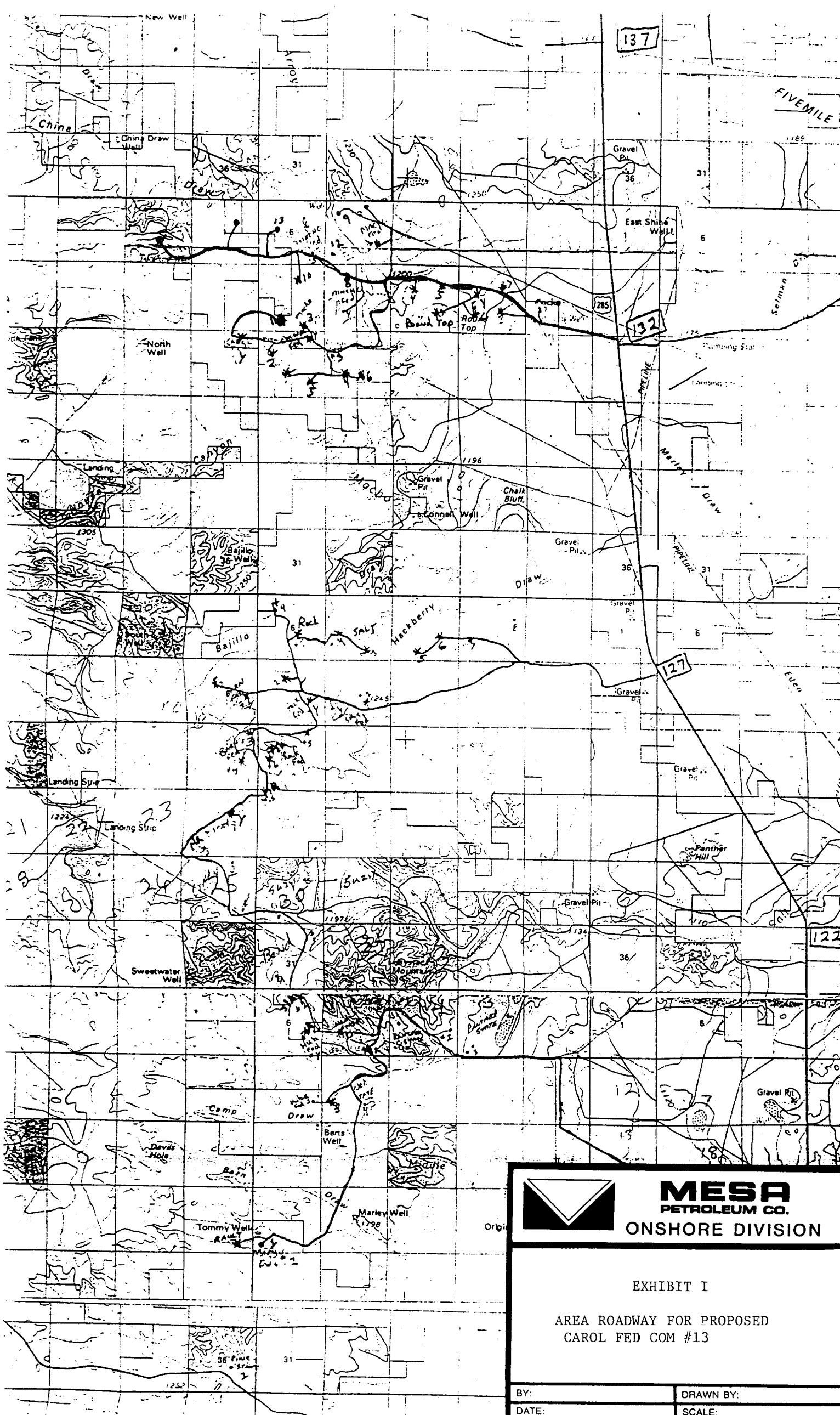
NOTE: HYDRIL, not installed on shallow-low pressure wells.
RAM type BOPs are API 10" X 3000 PSI




MESA
PETROLEUM CO.
ONSHORE DIVISION

EXHIBIT VI

BY:	DRAWN BY:
DATE:	SCALE:





MESA
PETROLEUM CO.
ONSHORE DIVISION

EXHIBIT I

AREA ROADWAY FOR PROPOSED
CAROL FED COM #13

BY:	DRAWN BY:
DATE:	SCALE: