Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

SF/ f.l.c

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

NM OIL CONS. COMMISSION
Drawer DD
Artesia, NM 88210

30-005-61713

5. LEASE DESIGNATION AND SERIAL NO.: NM-22615

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: CAMACK FED COM

9. WELL NO.: 9

10. FIELD AND POOL, OR WILDCAT: ~~UNDESIGNATED~~ ABO

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: SEC 12, T5S, R24E

12. COUNTY OR PARISH: CHAVES

13. STATE: NEW MEXICO

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL ☒X DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒X OTHER — SINGLE ZONE ☒X MULTIPLE ZONE ☐

2. NAME OF OPERATOR: MESA PETROLEUM CO.

3. ADDRESS OF OPERATOR: 1000 VAUGHN BUILDING/MIDLAND, TEXAS 79701-4493

RECEIVED
JUL 20 1982
O. C. D.
ARTESIA, OFFICE

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FSL & 1980' FEL SW¼ SE¼ O
At proposed prod. zone: SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 38 miles Northeast of Roswell, New Mexico

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: 480'

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.: 2640'

19. PROPOSED DEPTH: 4300'

20. ROTARY OR CABLE TOOLS: ROTARY

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3927' GR

22. APPROX. DATE WORK WILL START*: ~~JULY 29, 1982~~

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
14 3/4"	10 3/4"	40.5#	950'	~~700/300~~ SURFACE
9 1/2"	7 5/8"	26.4#	1600'	~~700/300~~ TIE BACK
7 7/8"/6½"	4 1/2"	10.5#	4300'	300 COVER ABO

Propose to drill 14 3/4" hole with mud or air to approximately 950' and run 10 3/4" casing. Will cement to surface and test casing with cementing head to 600 psi. Will reduce hole to 9½" and drill on mud or air to approximately 1600' and run 7 5/8" casing if circulation has been lost and cement with sufficient amounts to tie-back to 10 3/4" casing. Will then reduce hole to 6½" or 6¼", test BOP's and casing and drill to total depth. If hole conditions are favorable, the 7 5/8" casing will be omitted and the hole will be reduced to 7 7/8" and drilled to total depth. Either 4½" or 5½" casing will be run as production casing depending upon hole size drilled to TD.

Operator's gas sales are dedicated.

posted ID-1
API + BK
7-23-82

XC: MMS (7), TLS, CEN RCDS, ACCTG, MEC, LAND, ROSWELL, REM, 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. Wells TITLE REGULATORY COORDINATOR DATE 7-2-82

(This space for Federal or State office use)

PERMIT NO (Orig. Sgd.) GEORGE H. STEWART APPROVAL DATE

APPROVED BY TITLE DATE JUL 6 1982

CONDITIONS OF APPROVAL, IF ANY:

U. S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

CONSERVATION
P O BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-102
Revised 10-1-78

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

Operator	Lease	Well No.
Mesa Petroleum Co.	Camack Federal Com.	9

Unit Letter	Section	Township	Range	County
O	12	5 S.	24 E.	Chaves

Actual Footage Location of Well: 660 feet from the South line and 1980 feet from the East line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3927	ABO	PECOS SLOPE ABO	NE/4 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

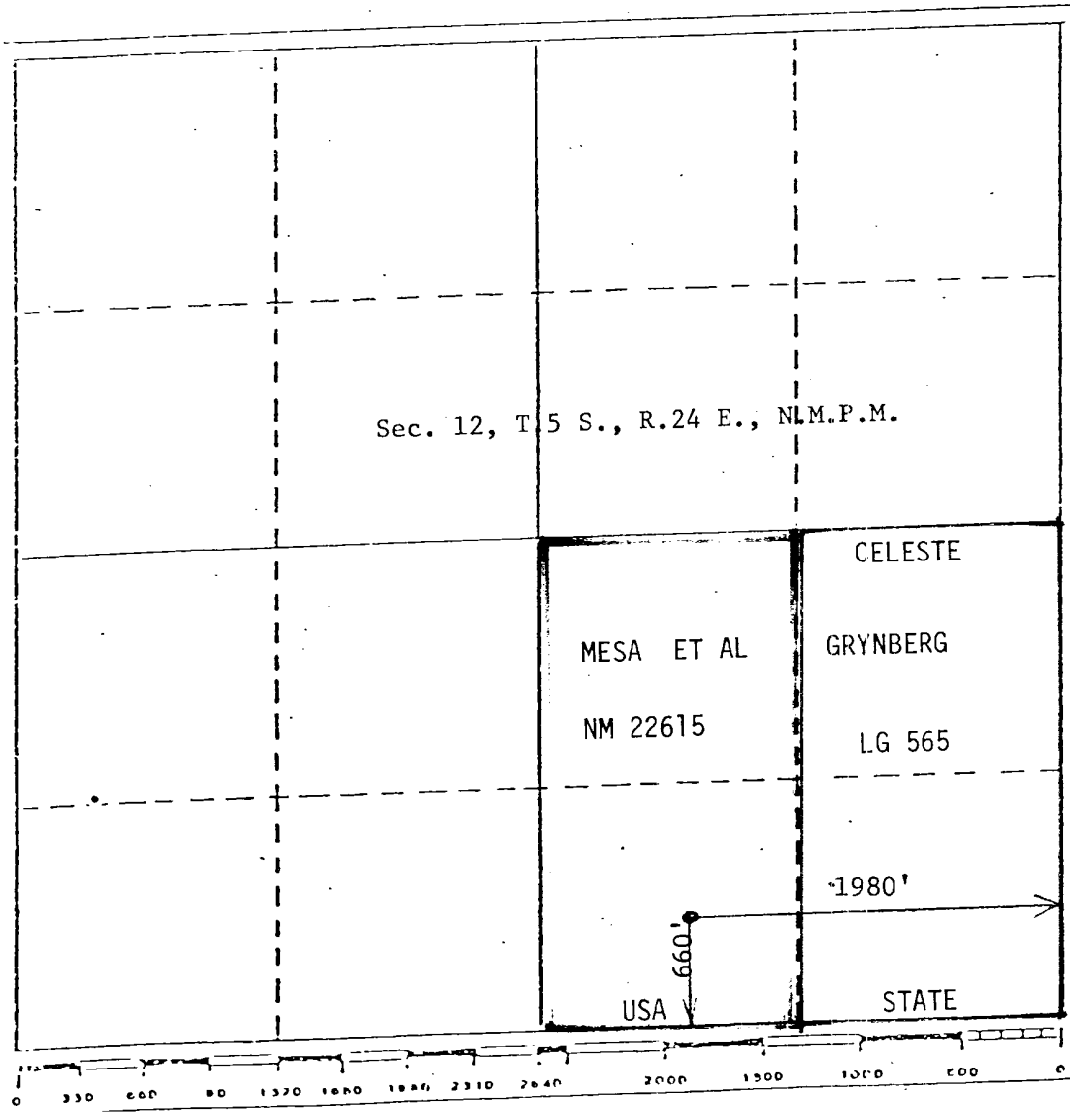
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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.



CERTIFICATION

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

Michael P. Houston

Name: MICHAEL P. HOUSTON
Position: OPERATIONS MANAGER
Company: MESA PETROLEUM CO.
Date: JULY 2, 1982

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 30, 1982

Registered Professional Engineer and/or Land Surveyor: John D. Jaquess, P.E. & L.S.

Certificate No. 6290

JOHN D. JAQUESS NEW MEXICO 6290 REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR

APPLICATION FOR PERMIT TO DRILL

MESA PETROLEUM CO.
CAMACK FED COM #9
660' FSL & 1980' FEL, SEC 12, T5S, R24E
CHAVES COUNTY, NEW MEXICO

LEASE NO. NM-22615

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:

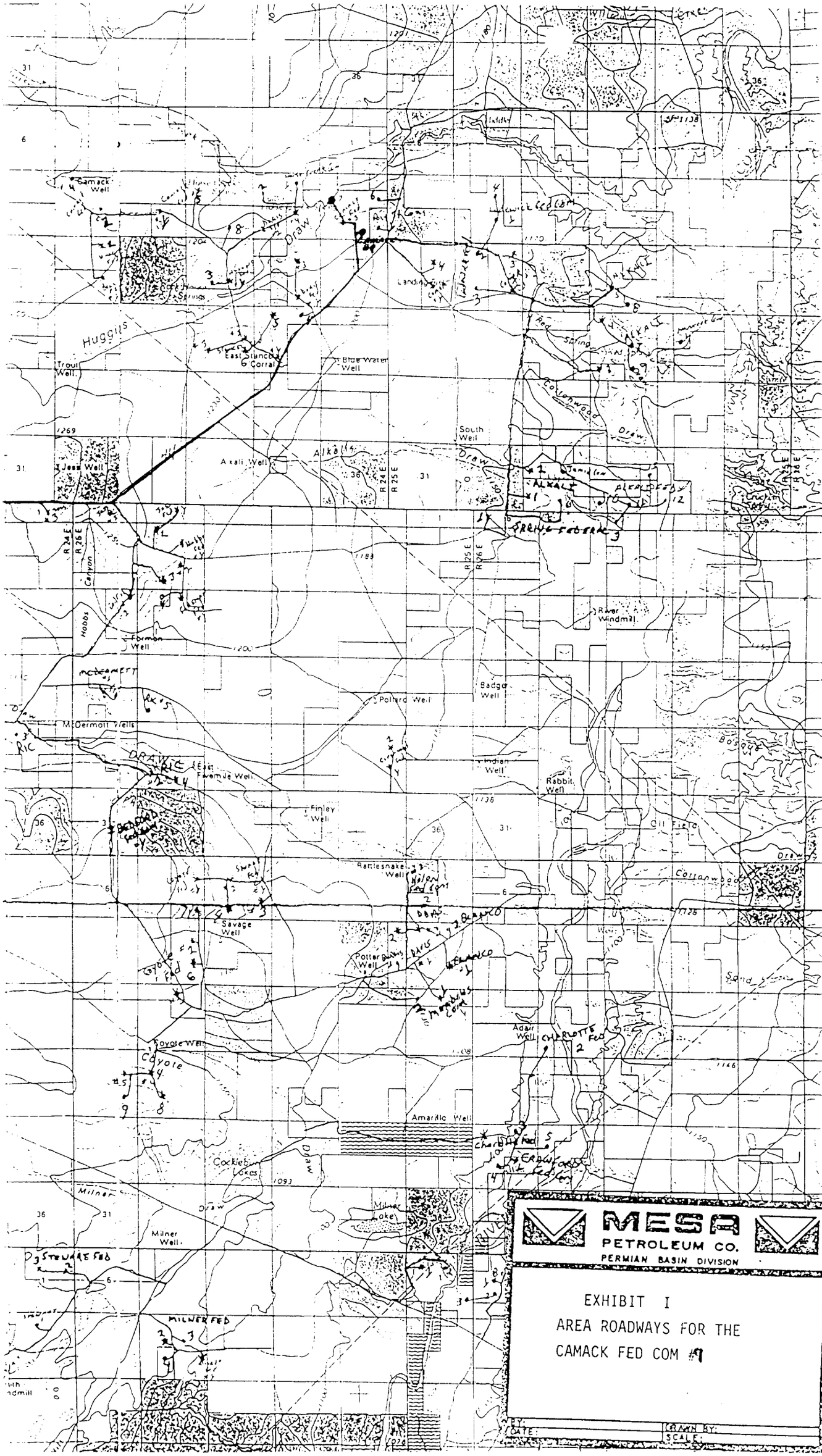
SEVEN RIVERS	Surface
SAN ANDRES	555
GLORIETA	1522
TUBB	3003
ABO	3628

3. Hydrocarbon bearing strata may occur in the Abo formation(s). No fresh water is expected to be encountered below 950'.

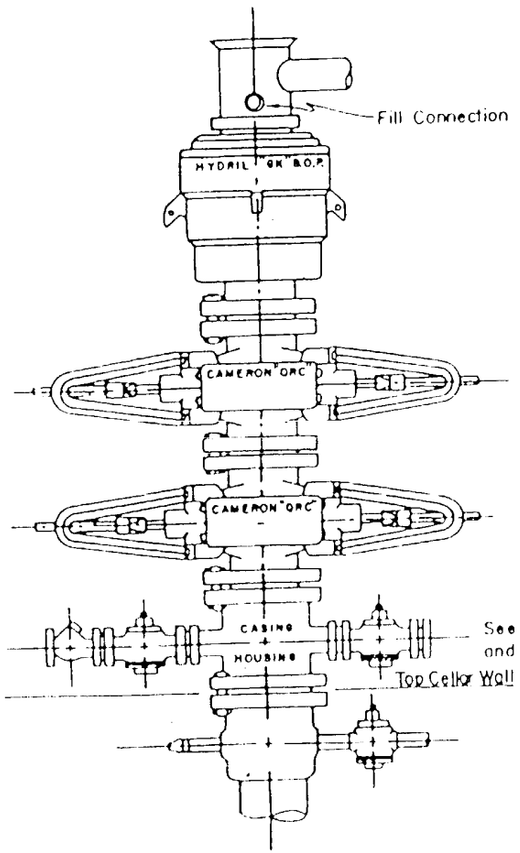
4. The Casing and Blowout Preventer Program will be determined by hole conditions as encountered. See Exhibit VI. Anticipate drilling with mud, air or foam using ram type preventer and rotating head for well control. The 10 3/4" casing will be set at approximately 950' to protect any fresh water zones and cemented to the surface. The 7 5/8" casing will be set at approximately 1600' if water zones have been encountered or omitted if not and ram type preventers installed. 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. 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.

5. No drill stem test or coring program is planned. The logging program may consist of a GR-CNL from surface total depth and FDC from casing point to total depth.

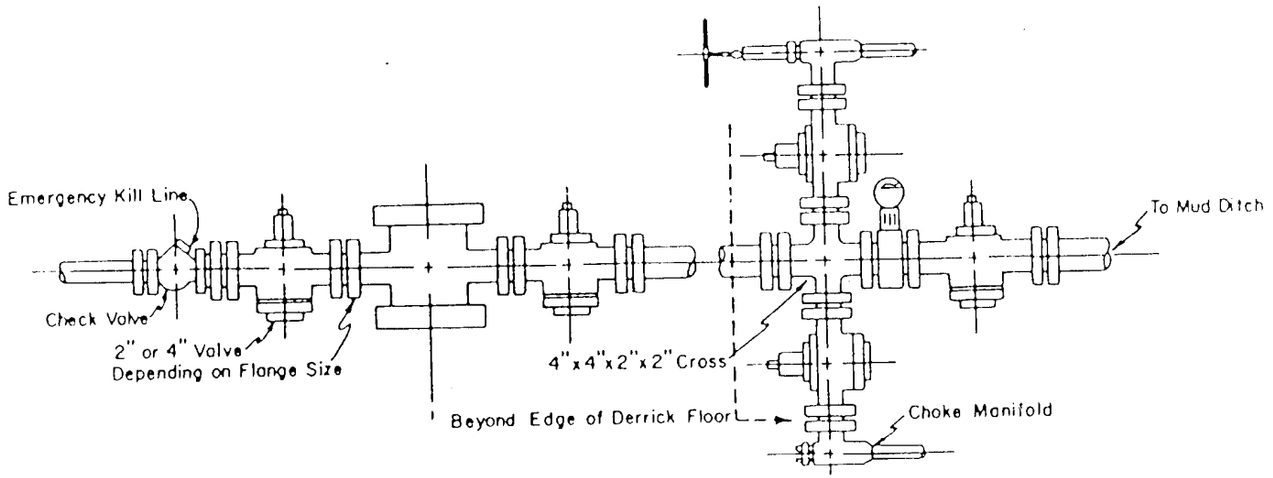
6. Anticipated drilling time is ten days with completion operations to follow as soon as a completion unit is available.


Samack Well
Huggins
Trout Well
East Stanolind 6 Corral
Blue Water Well
South Well
Alkali Well
Jess Well
Formon Well
McDermott Wells
Pollard Well
Badger Well
River Windmill
Indian Well
Rabbit Well
Finley Well
Rattlesnake Well
Savage Well
Potter Brothers Well
Coyote Well
Adair Well
Amarillo Well
Cockles Lakes
Milner Lake
Milner Well
MESA
PETROLEUM CO.
PERMIAN BASIN DIVISION
EXHIBIT I
AREA ROADWAYS FOR THE
CAMACK FED COM #1
DRAWN BY:
SCALE:

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.
PERMIAN BASIN DIVISION

E X H I B I T

V I

DRAWN BY:
SCALE:
DATE: