N. M. O. C. C. COPY

30-015-21173 45F

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

NM 051187

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK: DRILL [X] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] OTHER — SINGLE ZONE [ ] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: Late Oil Company

3. ADDRESS OF OPERATOR: P.O. Box 2218, Dallas, Texas 75221

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 660' FNL & 660' FWL, Sec. 4-26S-30E
At proposed prod. zone

RECEIVED
FEB 27 1974
O. C. C.
ARTESIA, OFFICE

5. LEASE DESIGNATION AND SERIAL NO.: ~~NM-051137~~

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Federal KW

9. WELL NO.: 1

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 4-26S-30E

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: 13 Miles Southeast, Malaga, New Mexico

12. COUNTY OR PARISH: Eddy

13. STATE: N.M.

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

16. NO. OF ACRES IN LEASE: 2200

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.

19. PROPOSED DEPTH: 4000'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 3170 GR 3180 DF

22. APPROX. DATE WORK WILL START*:

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	K-24#	330'	Circulate to Surface
7 7/8"	4 1/2"	K-9 & 10.5#	4000'	250 Sacks "C" w/2% Cacl.

We propose to drill and test this well in the following manner:

1. Mud: Surface; drill with native mud and lime. From Surface to 3500' native mud and lime. From 3400' to total depth mix sufficient mud to condition hole for drill stem tests and logs.
2. Blow out preventer: 3000 psi working pressure, both drill pipe and blind rams, (See attached diagrams No. 1 & No. 2)
3. Treatments: Acidize with 2000 gallons 15%, and sand-water-fracture if necessary to stimulate production.
4. Logs: Run gamma Ray-Sonic LES and Density.
5. See Exhibit No. 2

RECEIVED
FEB 20 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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 Ken Hedrick TITLE Ken Hedrick Drilling Superintentant DATE February 19, 1974

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED
FEB 22 1974
G. L. BEER
ACTING DISTRICT ENGINEER

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

DECLARED WATER BASIN

THIS APPROVAL IS RESCINDED IF OPERATIONS ARE NOT COMMENCED WITHIN 3 MONTHS.

EXPIRES MAY 26 1974

CEMENT BEHIND THE CASING MUST BE CIRCULATED and all fresh water zones must be protected by cement

*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.

☆ GPO 782-931

NEW MEXICO OIL CONSERVATION COMMISSION

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	Lease	Well No.
~~AZTEC OIL & GAS COMPANY~~ Late Oil Co.	FEDERAL "KW"	1

Unit Letter	Section	Township	Range	County
D	4	26 South	30 East	Eddy

Actual Footage Location of Well: 660 feet from the North line and 660 feet from the West line

Ground Level Elev.	Producing Formation	Pool	Dedicated Acreage:
3170.0	Delaware	Wildcat	40 Acres

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

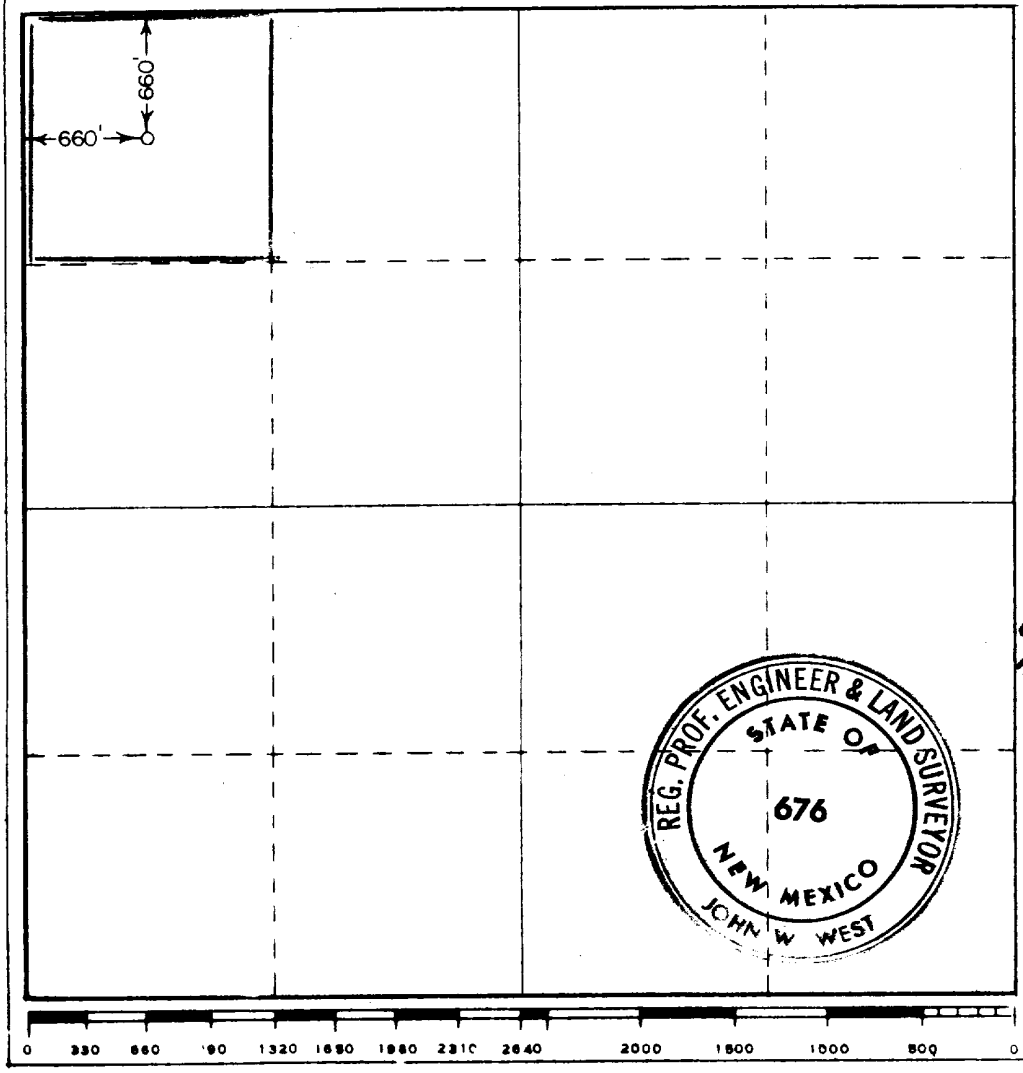
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

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 _____

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.



CERTIFICATION

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

Name: orginal signed by LESTER L DUKE
Lester L. Duke

Position: AGENT
~~District Superintendent~~

Company: LATE Oil Co.
~~Aztec Oil & Gas Co.~~

Date: ~~February 4, 1974~~

RECEIVED
FEB 20 1974
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

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: February 1, 1974

Registered Professional Engineer and/or Land Surveyor

John W West

Certificate No. 676

Development Plan For Surface Use

1. See exibit No. 1
2. Width of new road will be 14 feet.
   Length of new road will be approximately 2600'. It will be necessary to improve above 2000' of existing road, but no more than is necessary.

3. See Exibit No. 1

4. See Exibit No. 1

5. If tank battery is needed, it will be errected on drill site pad.

6. No existing nearby water supply; drilling water will be transported from nearest water station, probably Jal, New Mexico.

7. A small waste pit (see exibit No. 2) will be made (10'X15'X3') to handle waste material.

8. Not applicable

9. Not applicable

10. See exibit No. 2. Drilling pad will not be compacted. Surface condition indicate sufficient gravel and rocks to make all weather conditions.

11. Plans are to level, clean up, and remove all junk and waste material that is not buried in pit to nearest approved waste yard for disposal. Location will be restored to original condition or nearly as possible.

12. The topography of the area reveals slightly rolling hills covered with cat claw bushes, and very little other vegatation. The immediate surface is covered with small rocks and gravel.
    A cliche pit is open as shown on exibit No. 1 in purple.

Lavert Taylor will be field representative responsible for compliance of Development Plan for surface use.

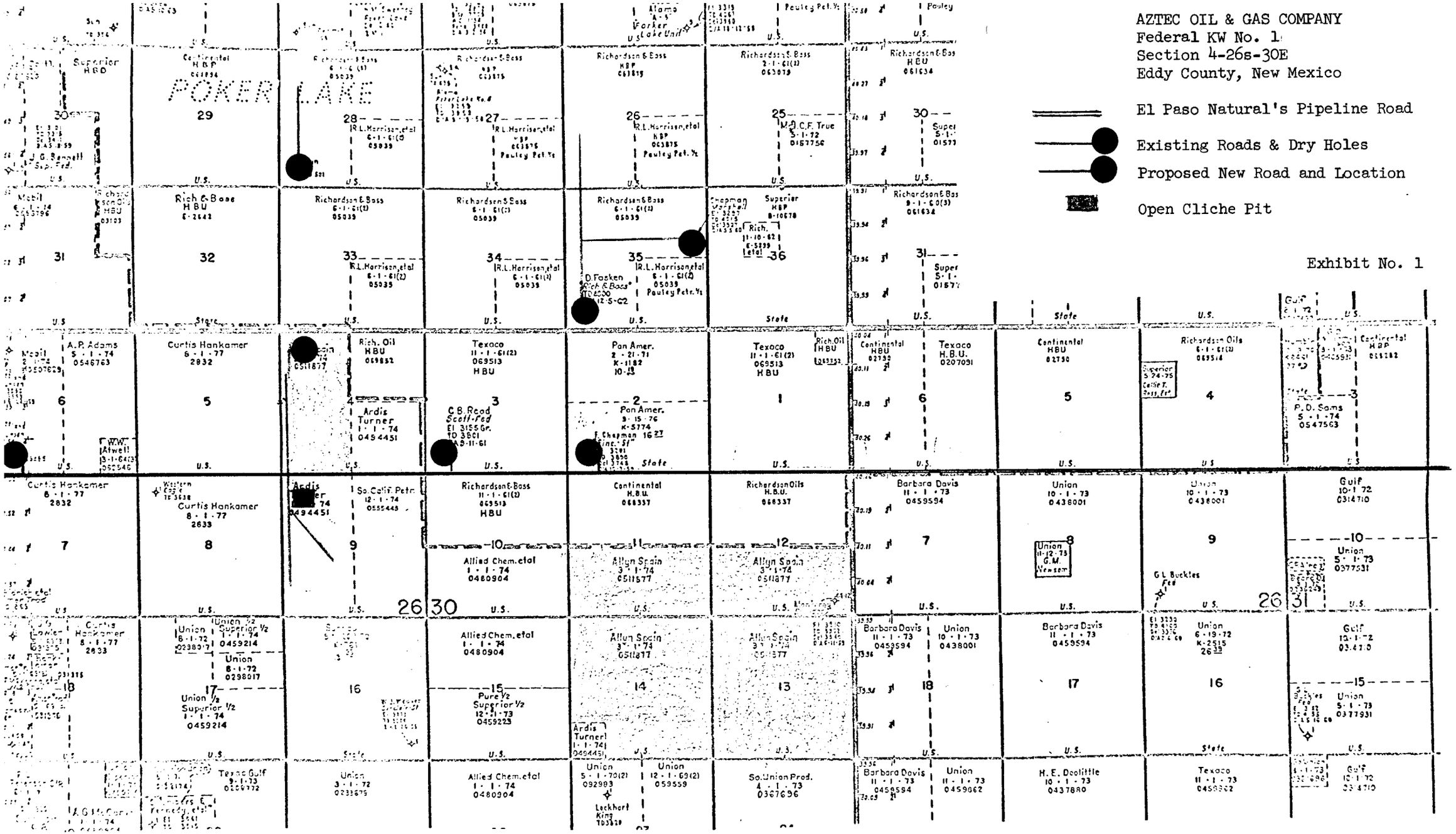
Office Phone: 393-5844 Hobbs, New Mexico
Resident Phone: 392-5111 Hobbs, New Mexico

[illegible]

1. [illegible]
2. [illegible]
   [illegible]
   [illegible]
   [illegible]
3. [illegible]
4. [illegible]
5. [illegible]
6. [illegible]
   [illegible]
7. [illegible]
   [illegible]
8. [illegible]
9. [illegible]
10. [illegible]
    [illegible]
    [illegible]
11. [illegible]
    [illegible]
    [illegible]
12. [illegible]
    [illegible]
    [illegible]
    [illegible]

[illegible]

[illegible]


POKER LAKE
AZTEC OIL & GAS COMPANY
Federal KW No. 1
Section 4-26s-30E
Eddy County, New Mexico
El Paso Natural's Pipeline Road
Existing Roads & Dry Holes
Proposed New Road and Location
Open Cliche Pit
Exhibit No. 1

DRILL PAD AND RESERVE PIT

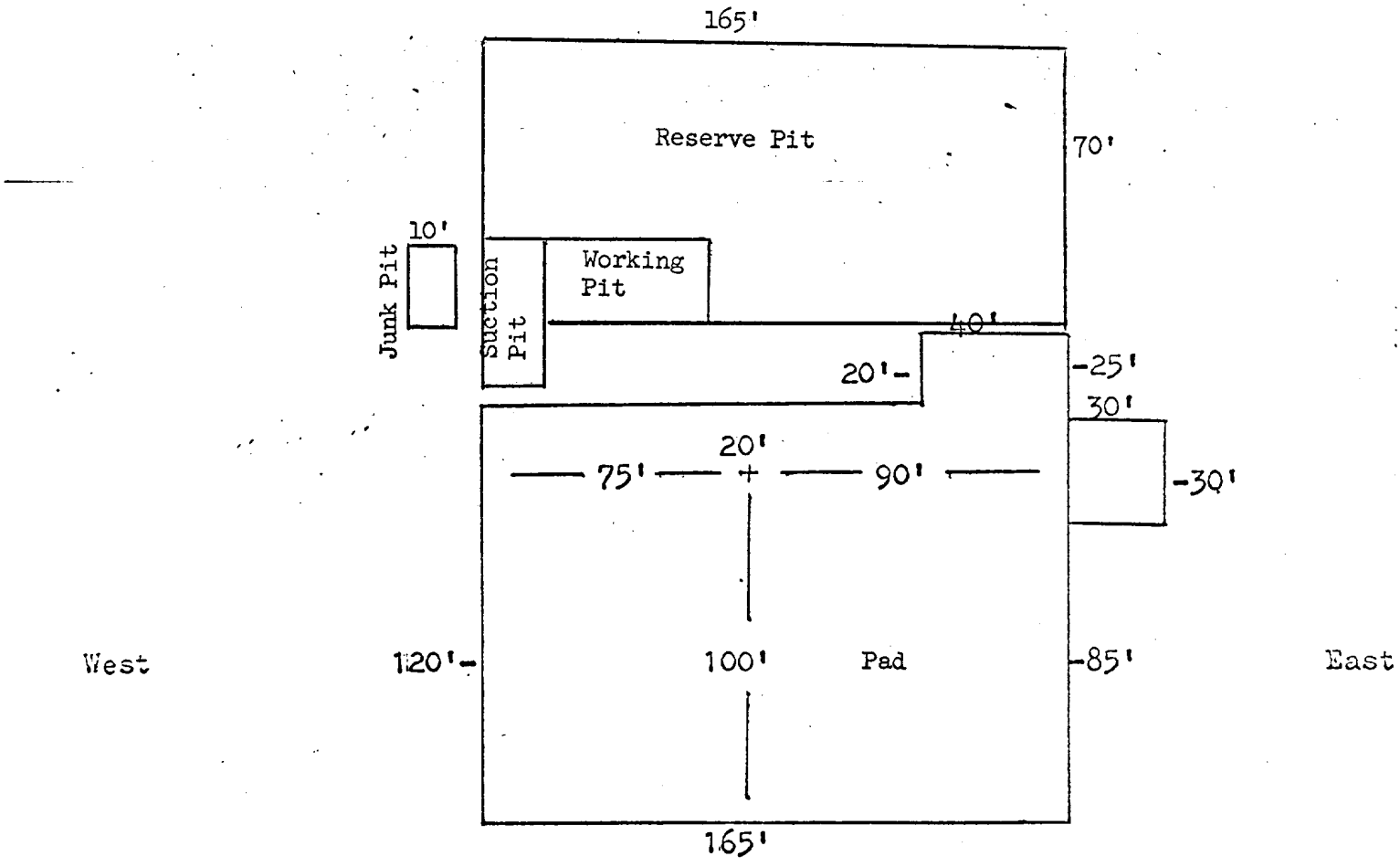
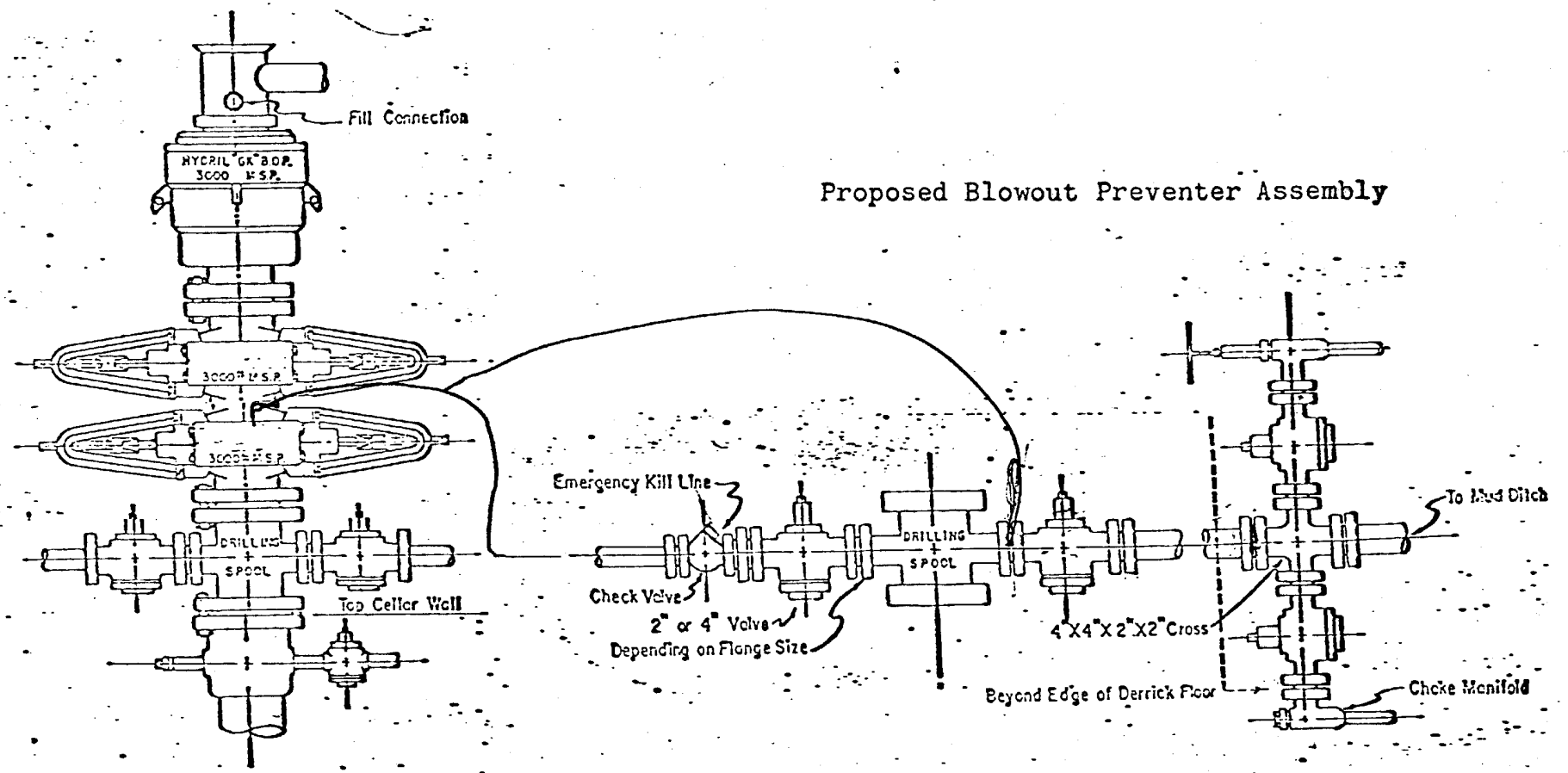


Exhibit no. 2

Proposed Blowout Preventer Assembly

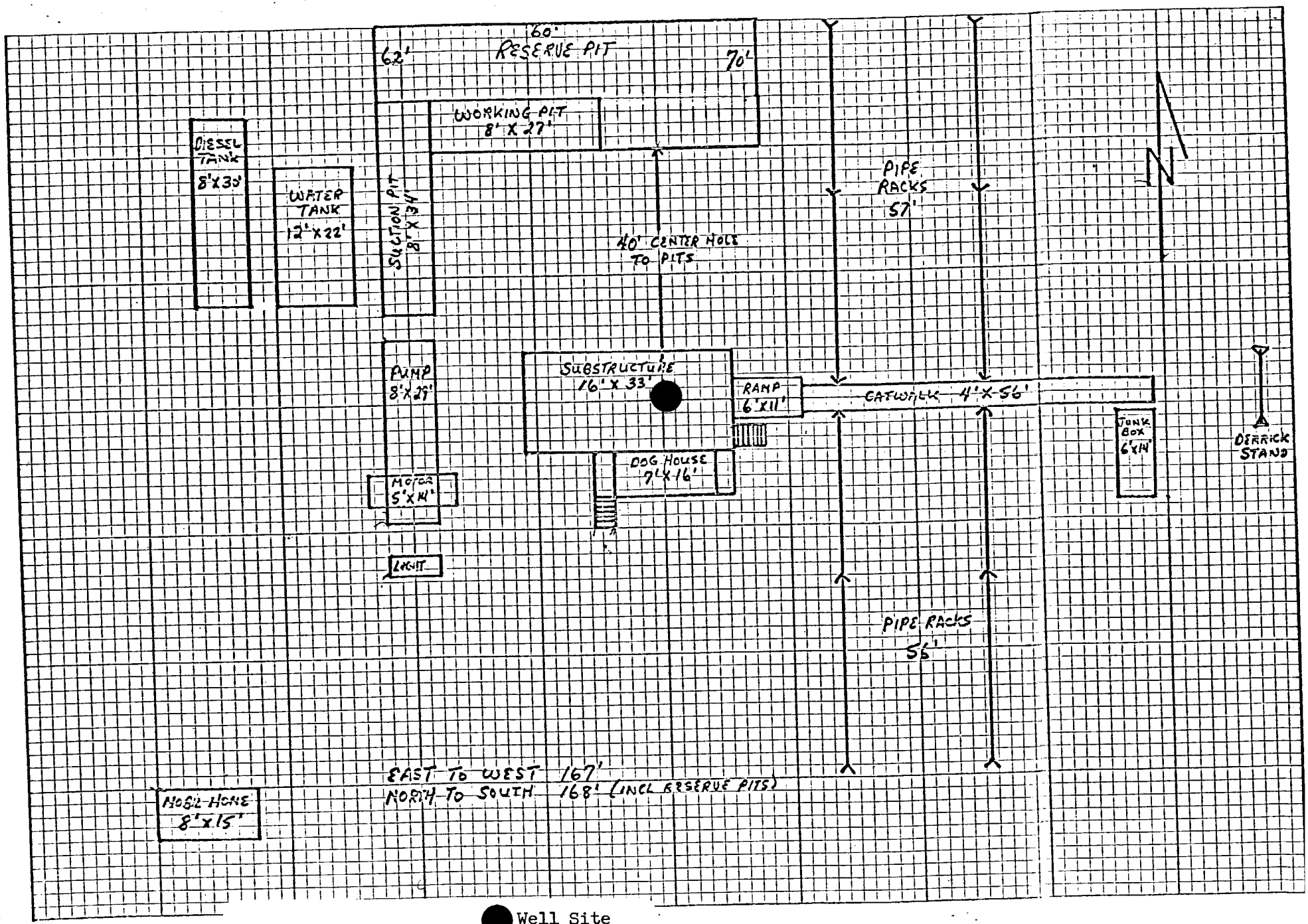


3,000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP

Series 900 Flanges, or Better

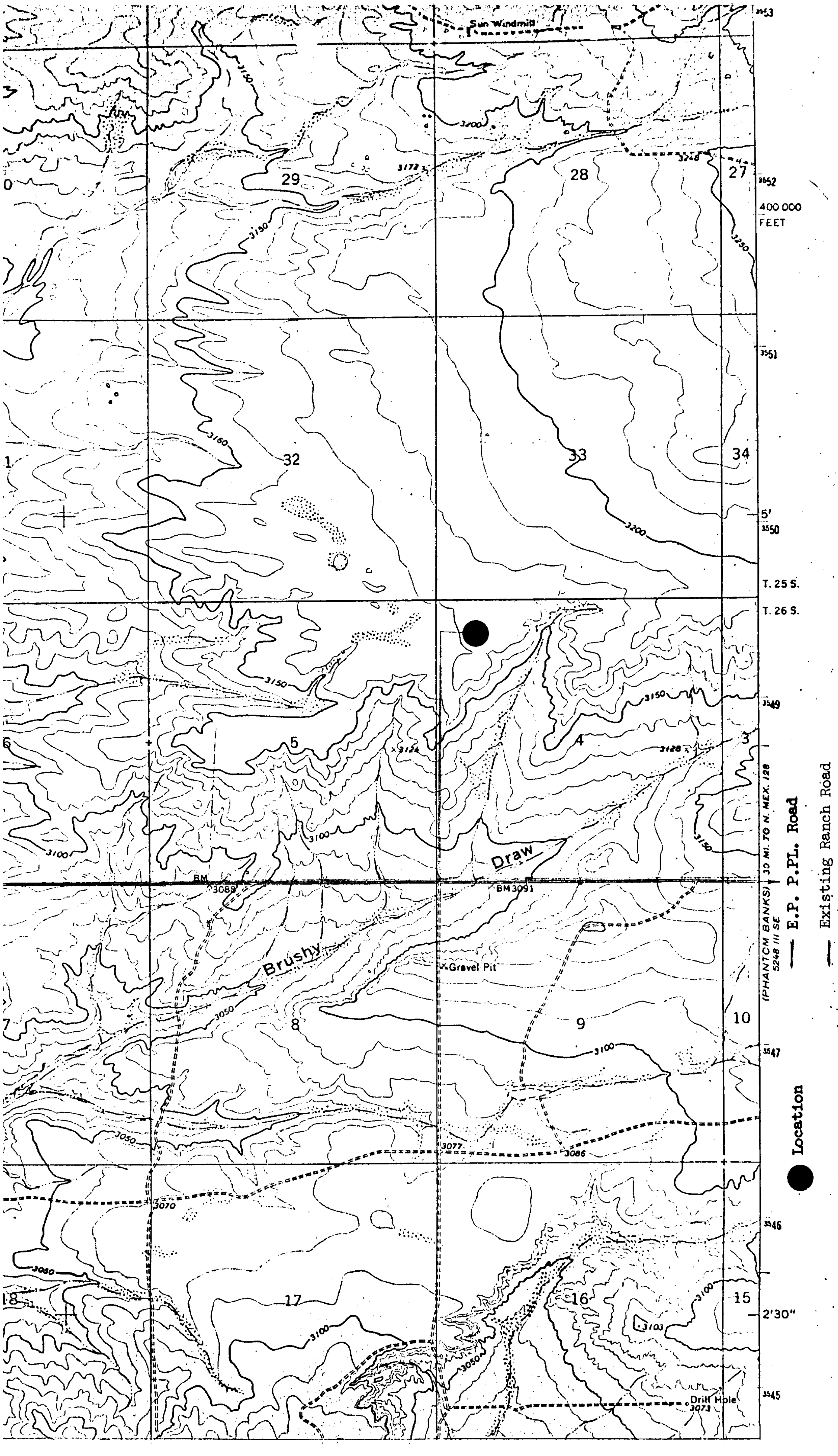
Diagram No. 1

Rig Setup



● Well Site

— Diagram No. 2 —



Sun Windmill
3553
29
28
27
3552
400 000
FEET
3150
3200
3172
3248
3250
3551
32
33
34
3160
3200
5'
3550
T. 25 S.
T. 26 S.
3150
3549
5
4
3
6
3126
3128
3100
3150
Draw
BM
3088
BM 3091
Brushy
Gravel Pit
3050
8
9
10
7
3100
3547
3050
3077
3086
3070
3546
3050
17
16
15
18
3100
3103
2'30"
3050
Drill Hole
3073
3545
(PHANTOM BANKS) 5248 III SE
30 MI. TO N. MEX. 128
Location
E.P. P.PL. Road
Existing Ranch Road