

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.

NM 80

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Williams

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

Corbin Abo

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

34, 17-S, 33-E

12. COUNTY OR PARISH 13. STATE

Lea

New Mexico

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

22. APPROX. DATE WORK WILL START*

upon approval

1a. TYPE OF WORK

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. TYPE OF WELL

OIL

WELL ☒

WATER

WELL ☐

OTHER

SINGLE

ZONE ☒

MULTIPLE

ZONE ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS OF OPERATOR

Room 711, Phillips Bldg., Odessa, Texas 79761

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

At surface

At proposed prod. zone

(Unit F) 2310' FN and 1720' FW Lines

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

20 miles SW of Lovington

15. DISTANCE FROM PROPOSED*
LOCATION TO STATE

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

330' FS

16. NO. OF ACRES IN LEASE

160 +

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

19. PROPOSED DEPTH

8800

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

20. ROTARY OR CABLE TOOLS

rotary

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

4112.9' Gr.

23.

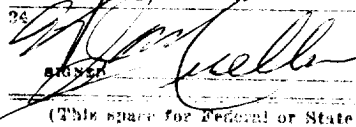
PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17-1/2"	13-3/8"	54.5# K-55	350'	350 sx Class H w/2% CaCl ₂ . Circ at surface.
11"	8-5/8"	32#, K-55, N-80	4600'	300 sx TRLW & 150 sx Class C. sufficient to cover base salt. TOC at approx. 2750'.
7-7/8"	5-1/2"	5.5#, 17# K-55, N-80 (TD)		260 sx Class H. Est. TOC at 7500'.

Use mud additives as required for control.

BOP Equipment: Series 900, 3000# WP (Fig. 7 attached)

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 location and measured and true vertical depths. Give blowout preventer program, if any.

24.  W.J. Mueller TITLE Engineering Advisor DATE 3-3-76
(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
AS AMENDED
MAR 24 1976
ARTHUR R. BROWN
DISTRICT ENGINEER

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.

RECEIVED

MAR 11 1976

U.S. CONSERVATION COMMISSION

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes O-128
Effective 1-1-65

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

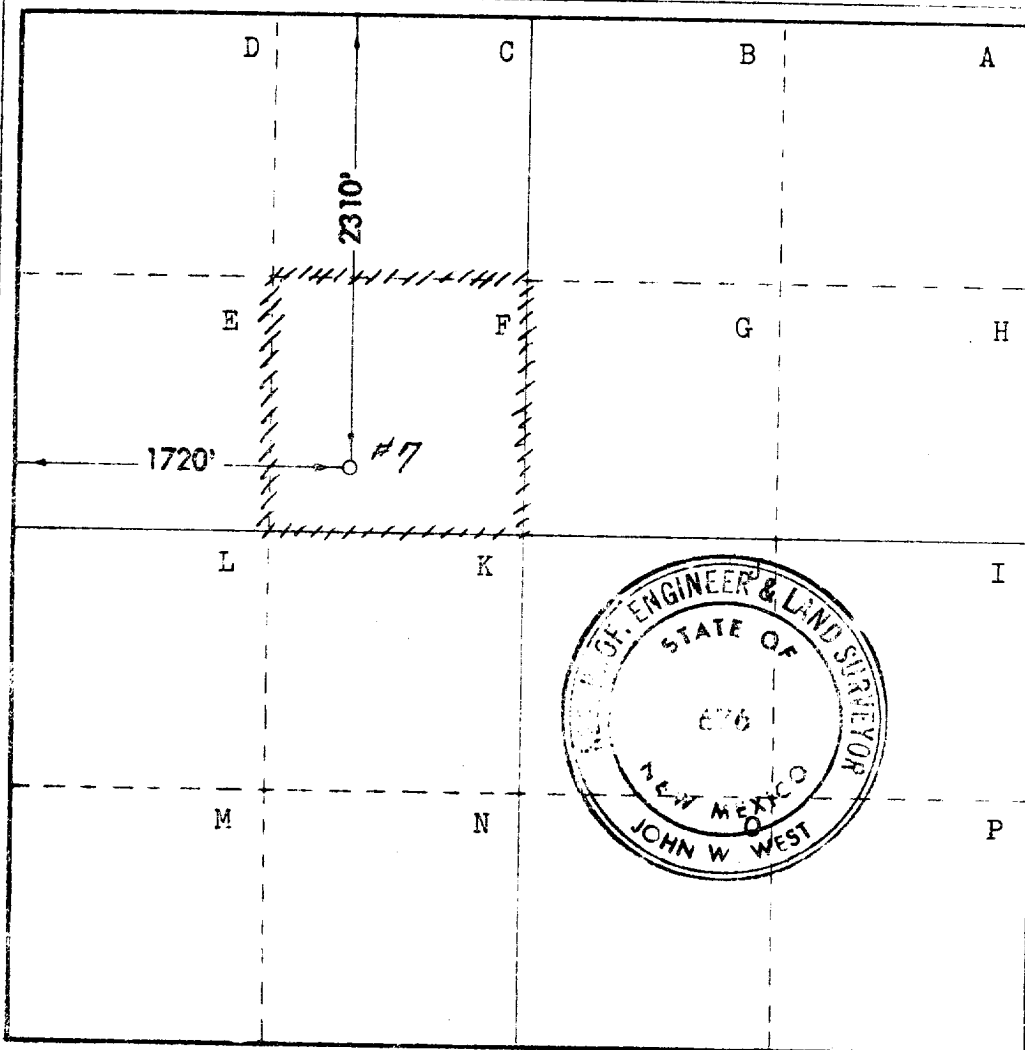
Operator PHILLIPS PETROLEUM COMPANY		Lease EILLIAMS		Well No. 7
Tract Letter F	Section 34	Township 17 S	Range 33 E	County LEA
Actual Portage Location of Well:				
2310	feet from the	NORTH	line and	1720 feet to the WEST
Ground Level Elev. 4112.9	Producing Formation Abo		Foot Corbin Abo	Section 40

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

W. J. Mueller
W. J. Mueller

Engineering Advisor

Phillips Petroleum Company

3-3-76

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.

FEB. 27, 1976

Registered Professional Engineer
John W. West

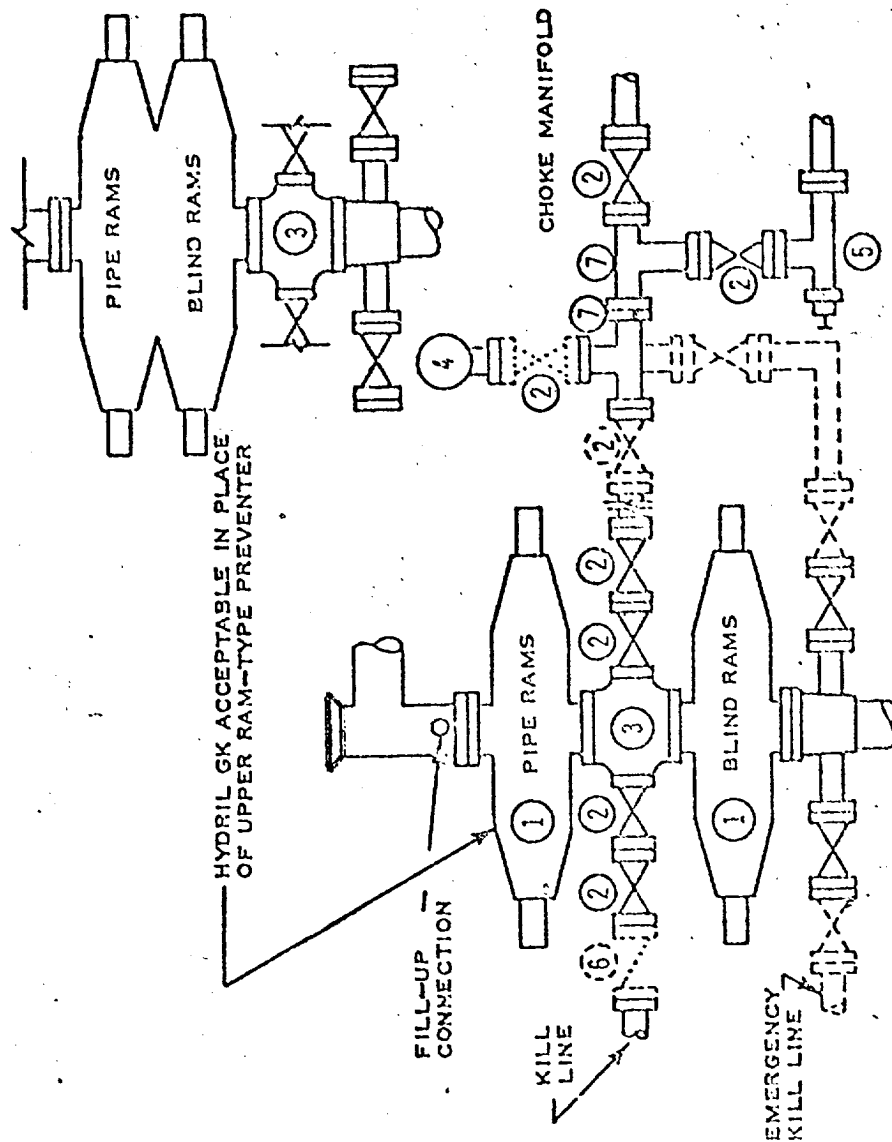
John W. West
John W. West

RECEIVED

MARCH 1978

U.S. CONSERVATION COMMISSION

DOUBLE PREVENTER OPTION



- ① SERIES 900 RAM-TYPE BOP
- ② 2" SERIES 900 VALVE
- ③ SERIES 900 DRILLING SPOOL
- ④ 2" MUD PRESSURE GAUGE
- ⑤ 2" SERIES 900 CHOKE
- ⑥ 2" SERIES 900 CHECK VALVE
- ⑦ 2" SERIES 900 STEEL TEE

NOTES:

1. 3000 PSI WP CLAMP HUBS MAY BE SUBSTITUTED FOR FLANGES
2. VALVES MAY BE EITHER HAND OR POWER OPERATED BUT, IF POWER OPERATED, THE VALVES FLANGED TO THE BOP RUN MUST BE CAPABLE OF BEING OPENED AND CLOSED MANUALLY OR CLOSE ON POWER FAILURE AND BE CAPABLE OF BEING OPENED MANUALLY

..... OPTIONAL EQUIPMENT

PHILLIPS PETROLEUM COMPANY

3000 PSI WORKING PRESSURE
BLOWOUT PREVENTER HOOK-UP
(SERIES 900 FLANGES OR BETTER)

RECEIVED

MAY 1 1976

CONSERVATION COMD
U.S. FISH & WILDLIFE

PHILLIPS PETROLEUM COMPANY

Odessa, Texas

In re: Proposed Mud Program—Williams Well No. 7 = Abo Test , Section 34, T-17-S,
R-33-E, Lea County, New Mexico

Surface: 350' of 13-3/8" Casing

Spud with Bentonite, lime and Flosal* mixed to a high viscosity.

Intermediate: 4600' of 8-5/8" Casing

Drill out with fresh water and circulate through reserve pit. Maintain viscosity 32-34 sec/qt with Flosal. Add loss circulation material if needed. If hole conditions dictate, adjust mud properties as needed.

From 4600' to 8100'

Drill this section with fresh water while circulating through the reserve pit. Use Flosal to clean hole.

From 8100' to total depth

Drill with fresh water mud, add Bentonite Driscose and Flosal to maintain 34 to 38 sec viscosity. Fluid loss 20 cc or less, wt. 9# per gal.

*A trademark

THMcL:amw

RECEIVED

MAR 10 1976

U.S. CONSERVATION COMM.
WASHINGTON, D.C.

PHILLIPS PETROLEUM COMPANY

Odessa, Texas

Williams Well No. 7.

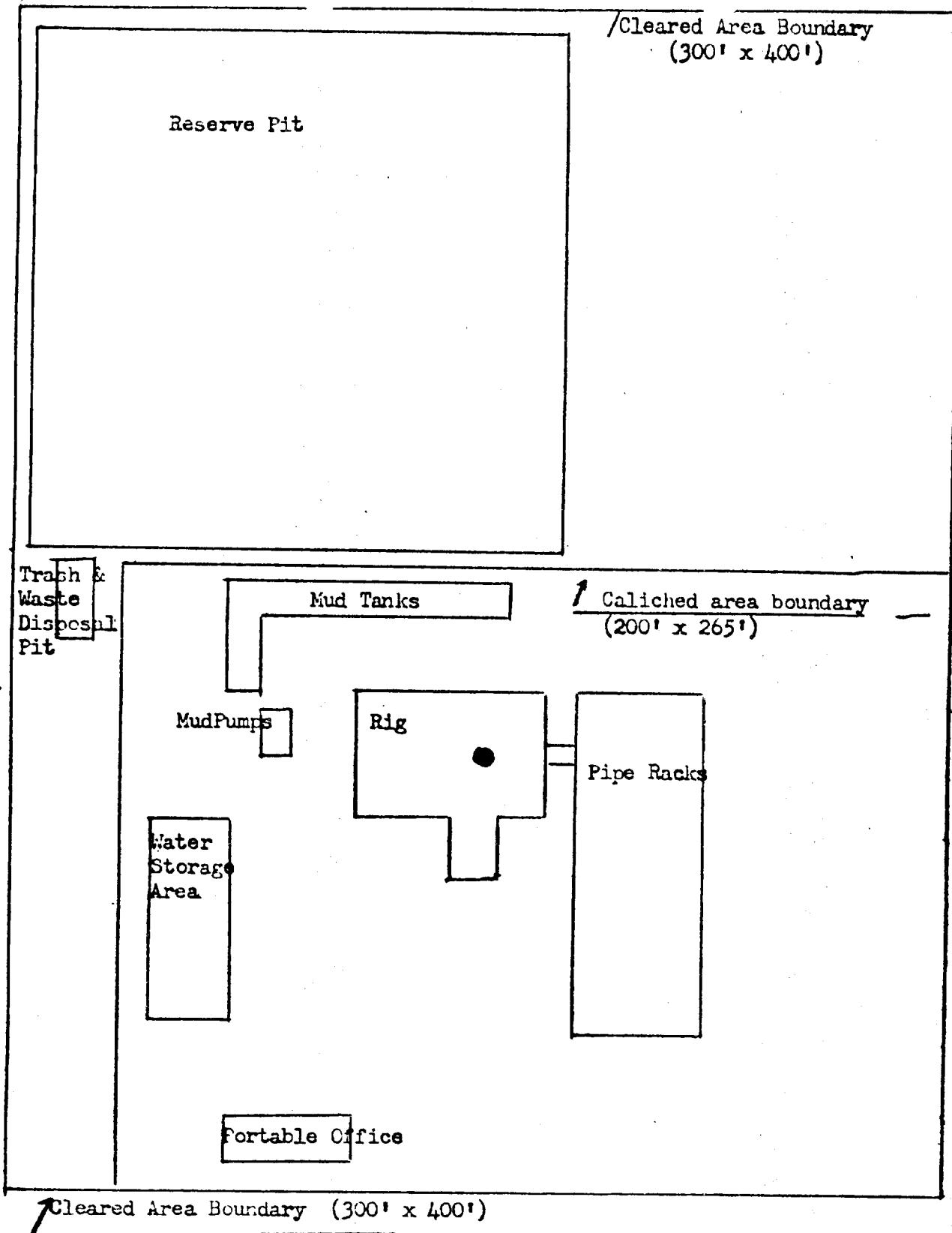
Location: 2310' FN & 1720' FW lines, Section 34, T-17-S, R-33-E, Lea County, New Mexico.

1. Existing road on lease (Sec. 34) Existing lease road runs east/west through S/2 N/2, Section 34.
2. Planned Access Roads: Use existing lease road as described above, no new road necessary.
3. Location of Well: 2310' FN, 1720' FW=lines, Sec 34, T-17-S, R-33-E, Lea County.
4. Lateral Roads at Area of Well Site: Existing lease road runs E/W in S/2/N/2 Sec. 33 and 34 and runs adjacent to proposed location. This road connects with existing road which runs south to Highway 529 connecting Hobbs and Artesia.
5. Tank battery and production facilities as required will be contained within drill site pad upon well completion.
6. Water for drilling operations will be trucked to location.
7. We propose that casinghead gas fuel for drilling be secured at Phillips' Williams lease battery in Sec. 33, with gas line to be laid along existing lease road in Sections 34 and 33.
8. All waste disposal will be put in separate pits and covered with minimum of 24" back-fill.
7. No camps or airstrips will be located on lease.
10. Drill site location will be an area 300' NE/SW by 400' SE/NW, cleared and leveled with reserve pits dug in the northern 200' of site area. Rig, racks, pumps steel pits, water tanks, and portable office to be located on southern 200' portion of pad. Drill site proper (contained within the pad) will be permanently caliched in approximate area of 265' NE/SW by 265' SE/NW. Undesignated area of location will be used at minimum (See Sketch)
11. Restoration of surface: Dug pits within the cleared area will be backfilled and leveled. Caliched pad of the cleared area is a permanent type emplacement.
12. This land use plan is essentially the same as that used on other wells of like depth in Lea and Eddy Counties.

RECEIVED

MAR 11 1976

U.S. CONSERVATION COMM.



PHILLIPS PETROLEUM COMPANY

BARTLESVILLE, OKLAHOMA

Development Plan For Surface Use - New Drilling Well
Williams Well No. 7
34, T-17-S, R-33-E, Lea County

DRAWN

A.F.E. NO.

DWG. NO.

CHECKED

APPROVED

SCALE 1" to 50'

SHEET NO.

REVISION

BY

DATE

RECEIVED

MAY 11 1976

CONSERVATION