

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-025-27595

5. LEASE DESIGNATION AND SERIAL NO.

NM 18302

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

McKay-West Federal

9. WELL NO.

#2

10. FIELD AND POOL, OR WILDCAT

Querecho Plains Bone Springs

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

Sec. 34, T18S, R32E

12. COUNTY OR PARISH 13. STATE

Lea

N.M.

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

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

PETROLEUM DEVELOPMENT CORPORATION

3. ADDRESS OF OPERATOR

9720-B Candelaria, N.E., Albuquerque, N.M.

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

At surface

660' FNL, 1,750' FWL

At proposed prod. zone

Same

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

12 miles south of Maljamar, N. M.

OIL & GAS

U.S. GEOLOGICAL SURVEY
ROSWELL, NEW MEXICO

15. DISTANCE FROM PROPOSED*

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

660'

16. NO. OF ACRES IN LEASE

400

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.

230'

19. PROPOSED DEPTH

11,000'

20. ROTARY OR CABLE TOOLS

Rotary

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

3710' GR

22. APPROX. DATE WORK WILL START*

Dec. 27

Nov. 25, 1981

23.

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|---------------------------------|
| 17½" | 13-3/8" | 48# | 400' | 450 sx. CIRCULATE |
| 11" | 8-5/8" | 24# | 4,000' | 1,250 sx. (two stage) CIRCULATE |
| 7-7/8" | 4-1/2" | 11.6# | 11,000' | 700 sx. |

Set 13-3/8" casing at approximately 400'; circulate cement to surface. Wait on cement 8 hrs. Test BOP and surface casing to 500# for 30 min. before drilling out. Drill 11" hole to approx. 4,000'; set and cement 8-5/8" intermediate casing. Wait on cement for 12 hrs. Test 8-5/8" casing and BOP to 2,000#.

Drill 7-7/8" hole to 11,000', testing all significant shows of oil or gas. Set 4½" casing at approx. 11,000'. See attached mud program. Complete by jet perforating indicated pay intervals and acidizing or fracturing as need is indicated.

A 1500-Series BOP and hydrill with remote controls will be used. See attached preventer layout, Exhibit "D". See attached supplemental multi-point drilling plan; and mud program, Exhibit "E".

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

TITLE

President

DATE

9/23/81

(This space for Federal or State office use)

(Orig. Sgd.) GEORGE H. STEWART

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OCT 5 1981

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions On Reverse Side

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

All distances must be from the outer boundaries of the Section

Petroleum Development Corp.

McKay West Fed.

2

C

34

18South

32East

Lea

660

North

1750

West

3710.5'

Bone Springs

Querecho Plains - Upper

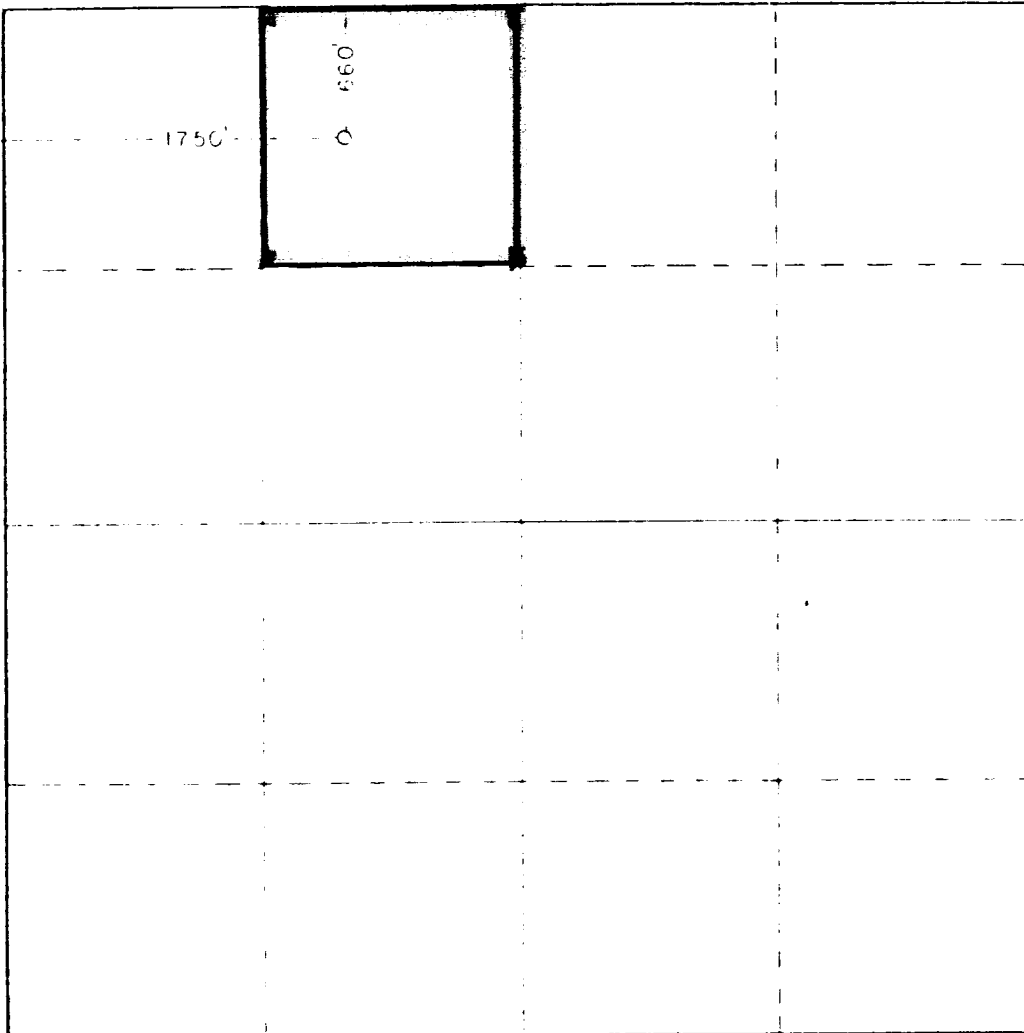
40

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 (if so reverse side of this form if necessary) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, force-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.

J. C. Johnson

J. C. Johnson

President

PETROLEUM DEVELOPMENT CORP.

I hereby certify that the well shown on this plat was plotted from the notes of actual surveys made by me under my supervision and that the same is true and correct to the best of my knowledge and belief.

Aug. 19, 1981

John W. West

Certificate No. JOHN W. WEST 878
PATRICK A. ROMERO 6863
Ronald J. Eidson 3239

33 66 99 132 165 198 231 264 297 330 363 396 429 462 495 528 561 594 627 660

PETROLEUM DEVELOPMENT CORPORATION

McKay-West Federal #2

660' FNL, 1,750' FWL,
Sec. 34, T18S, R32E,
Lea County, N. M.

B.O.P. & CHOKE MANIFOLD SCHEMATIC
SERIES 1500
TO MEET SPECS. OF API BUL. D-13

NOT TO SCALE

EXHIBIT "D"

