

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Artesia, NM 88410

10. LEASE

LM 36408

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME RECEIVED

8. FARM OR LEASE NAME

Rose Federal MAR 07 1983

9. WELL NO.

2 O. C. D.

10. FIELD OR WILDCAT NAME

Artesia, Office
Pecos Slopes Abo

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

Sec. 20, 3, 25

12. COUNTY OR PARISH 13. STATE

Chaves New Mexico

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
3837 OR

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

DEPCO, INC. ✓

3. ADDRESS OF OPERATOR

800 Central, Odessa, Texas 79761

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

G-660 FWL & 1950 FWL, Sec. 20, T-5S

AT SURFACE:

R-25E

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)

Pipeline right-of-way

(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.)*

DEPCO, INC. has been required to lay a pipeline from this well to Rose Federal #1 to tie into the sales line of the Transwestern Pipeline Company. The proposed right-of-way extends 1/2 mile due east from Rose Federal #2. The pipeline will be buried after installation.

RECEIVED

JAN 31 1983

Subsurface Safety Valve: Manu. and Type

MINERAL SERVICE
ROSWELL, NEW MEXICO

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

SIGNED R. L. Deane L. Deane TITLE Chief Prod. Clerk DATE 1-28-83

APPROVED (This space for Federal or State office use)
(Sgd.) GEORGE H. STEWART

APPROVED BY TITLE DATE

CONDITIONS OF APPROVAL, IF ANY:

MAR 4 1983

FOR
JAMES A. GILLHAM
DISTRICT SUPERVISOR

*See Instructions on Reverse Side

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law 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 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 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

DEPCO, Inc.
300 CENTRAL
ODESSA, TEXAS

AMENDED

APPLICATION FOR DRILLING

DEPCO, INC.
No. 2 Rose Federal
CHAVES COUNTY, NEW MEXICO

In conjunction with Form 9-331C, Application for permit to drill, DEPCO, INC. submits the following items of pertinent information in accordance with USGS requirements.

1. The estimated tops of geologic markers are as follows:

San Andres	575'
Glorieta	1585'
Tubb	3055'
Abo	3625'

2. The depths at which anticipated water, oil or gas formations are expected to be encountered:

Water:	Approximately 950 feet or less
Gas:	Abo 3625'

3. Proposed casing program: See Form 9-331C.
4. Pressure Control Equipment: See Form 9-331C and Exhibit D.
5. Mud Program: See Form 9-331C and attached letter from Marrs Mud Company.
6. Auxiliary Equipment: Blowout Preventer, Inside Blowout Preventer, Kelley Cock.
7. Testing, Logging and Coring Program:

Drill Stem Test: Abo
10-foot samples from surface casing to TD
Logging: Dual Laterolog and Compensated Neutron/Density
With Gamma Ray and Caliper

8. No abnormal pressures or temperatures are anticipated.
9. Anticipated starting date: As soon as possible.

MULTI-POINT SURFACE USE AND OPERATIONS PLAN

DEPCO, INC.
NO.2 Rose Federal
1980 FWL & 660 FNL
SECTION 20, T-5S, R-25E
CHAVES COUNTY, NEW MEXICO
(DEVELOPMENT WELL)

This plan is submitted with Form 9-331C, Application for Permit to Drill covering the above described well. The purpose of this plan is to describe the location of the proposed well, the proposed construction activities and operations plan, the necessary surface disturbance and the procedures to be followed in rehabilitating the surface after completion of the operations, so that a complete appraisal can be made of the enviromental effects associated with the operation..

1. EXISTING ROADS

A. Exhibit A is a portion of the USGS Map of Chaves County, New Mexico, on a scale of 1" = 2000' showing the area of the proposed wellsite and the roads in the vicinity. The wellsite is located approximately 43 miles NNE of Roswell, New Mexico, and part of the access route to the location is indicated in red on Exhibit A.

- (1) Proceed North from Roswell on Highway 285 to the 139 mile marker.
- (2) Turn right on the existing access road and continue for approximately 13 miles on county road to the north west corner of Section 18, T5S, R25E.
- (3) At this point turn right and continue for approximately 3 miles East and South to the North corner section line joining Sections 20 and 21.
- (4) From here, proceed to the South 1900'. The proposed access road is staked and flagged 3300' West and 1320' North. The proposed access road and location are indicated in yellow on Exhibit A.

B. The existing access road has numerous turnouts, is in fair condition and will require minimal repair.

2. PLANNED ACCESS ROAD

A. The proposed access road will be approximatley 4620 feet in length and 12 feet in width. It will be covered with 6 inches of compacted caliche. The road will be crowned on both sides and will have at least 1 turnout.

B. The center line of the proposed access road has been staked and flagged, and is clearly visible.

3. LOCATION OF EXISTING WELLS

A. See Exhibit B.

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES.

- A. The necessary production facilities have been installed on the drilling pad.
- B. DEPCO, Inc. will be required to lay a 1/2 mile pipeline from this well to Rose Federal No. 1 to tie into the sales line of the Transwestern Pipeline Company. The line will be buried after installation. The proposed right-of-way is indicated in blue on EXHIBIT "A".

5. LOCATION AND TYPE OF WATER SUPPLY.

- A. It is planned to drill the proposed well with a fresh water system. The water will be obtained from a commercial source and will be hauled to the location by truck over the existing and proposed roads on Exhibit A.

6. SOURCE OF CONSTRUCTION MATERIALS.

- A. Caliche for construction of the drilling pad and the new access road and repairs to the existing access road, will be obtained from existing quarry in the SW 1/4 of Sec. 16, T5S, R25E.

7. METHODS OF HANDLING WASTE DISPOSAL.

- A. Drill cuttings will be disposed of in reserve pits.
- B. Drilling fluids will be allowed to evaporate in the reserve pits.
- C. Water produced during operations will be collected in tanks until hauled to an approved disposal system or separate disposal application will be submitted to the USGS for appropriate approval.
- D. Oil produced during operations will be stored in tanks until sold.
- D. All trash and debris will be buried or removed from the wellsite within 30 days after finishing drilling and/or completion operations.

8. ANCILLARY FACILITIES.

- A. None required.

9. WELLSITE LAYOUT

- A. Exhibit C shows the relative location and dimensions of the well pad, reserve pit, and major rig components.
- B. The ground surface at the wellsite is in an area of gently sloping ground. The pad will be covered with at least 6 inches of compacted caliche.
- C. The reserve pits will be plastic lined.
- D. The pad and pit area has been staked and flagged.

10. PLANS FOR RESTORATIONS OF THE SURFACE.

- A. After finishing drilling and/or completion operations, all equipment and other material not needed for further operations will be removed. The location will be cleaned of all trash and junk.
- B. Unguarded pits, if any, containing fluids will be fenced until they have been filled.
- C. This location being on Fed. surface, cleanup operations will be made in accordance with Fed. regulation. All pits will be filled and leveled within 90 days after abandonment.

11. OTHER INFORMATION.

- A. Topography: The wellsite is in an area gently sloping towards the Pecos river which is approximately 3 miles to the east.
- B. The topsoil at the wellsite is composed of gypsum and sandy loams.
- C. The vegetation cover at the wellsite consists primarily of prairie grass, mesquite, and miscellaneous weeds. No wildlife was observed, but it is likely that typical semi-arid desert wildlife, such as rabbits, coyotes, gophers, rodents and snakes inhabit the area. The area is used for cattle grazing.
- D. There is a windmill and a ranch house approximately $\frac{1}{4}$ mile WNW of the proposed wellsite.
- E. The wellsite is located on Federal surface as its the proposed access road.

12. OPERATORS REPRESENTATIVES.

- A. The field representatives for assuring compliance with the approved surface use plan are:

CARL BIZZELL
PRODUCTION SUPERINTENDENT
DEPCO, Inc.
800 CENTRAL
ODESSA, TEXAS 79761
TELEPHONE: 915-337-1536 (OFFICE)
915-366-2147 (HOME)
915-337-5677 (MOBILE)

DANNY HOKETT
DEPCO, INC.
HOME ADDRESS: Rt. 2, Box 201-B
ARTESIA, NEW MEXICO 88210
TELEPHONE: 505-365-2593 (MOBILE)
505-748-2197 (HOME)

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drillsite and access route; that I am familiar with the conditions which presently exist: that the statements made in this plan are to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by DEPCO, INC. and its contractors and sub-contractors in conformity with this plan and the terms and conditions under which it is approved.

1-28-83
DATE

R. L. Denney
R. L. DENNEY
DEPCO, INC.

CHIEF CLERK