

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-005-10183
5. LEASE DESIGNATION AND SERIAL NO.

NM-0526700

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
 Shell Oil Company

3. ADDRESS OF OPERATOR
 P. O. Box 1858, Roswell, New Mexico 88201

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface: 2310' PSL & 1650' FEL (NW/4 SE/4) Section 15, T-8-S,
 R-26-E, NMFM Survey, Chaves County, New Mexico
 At proposed prod. zone: Same

5. LEASE DESIGNATION AND SERIAL NO.
 NM-0526700

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 -

7. UNIT AGREEMENT NAME
 Comanche Unit D

8. FARM OR LEASE NAME
 Comanche Unit D Sec. 15

9. WELL NO.
 33

10. FIELD AND POOL, OR WILDCAT
 Barthoven Area

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Section 15, T-8-S, R-26-E, NMFM

12. COUNTY OR PARISH
 Chaves

13. STATE
 New Mexico

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 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)
 1650'

16. NO. OF ACRES IN LEASE
 2120

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.
 1750'

19. PROPOSED DEPTH
 1750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 3880' DF estimated

22. APPROX. DATE WORK WILL START*
 May 3, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/4"	4 1/2"	9.5# & 11.6#	1500'	100

All water zones will be cemented off by circulating cement in production string or by running 1" tubing down annulus and cementing.

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MAY 3 1965

APPROVED

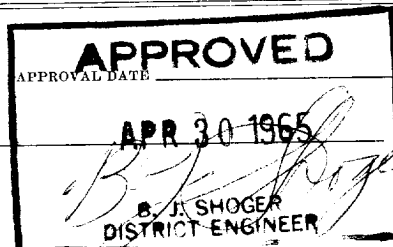
IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. C. R. Conley Acting District Exploitation Engineer TITLE April 28, 1965 DATE

(This space for Federal or State office use)

PERMIT NO. _____

APPROVED BY _____ TITLE _____ DATE _____
 CONDITIONS OF APPROVAL, IF ANY:



NMOCC - ARTESIA
 NMOCC - HOBBS
 BLM - SANTA FE



*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.

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Fbrn C-102
Supersedes C-128
Effective 1-1-65

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

Operator Shell Oil Company		Lease Comanche Unit D Sec. 15		Well No. 33
Unit Letter J	Section 15	Township 4	Range 26E	County Chaves
Actual Footage Location of Well: 2310 feet from the South line and 1650 feet from the East line				
Ground Level Elev. NA	Producing Formation San Andres	Pool Beata-Ten Area WC	Dedicated Acreage: 40 Acres	

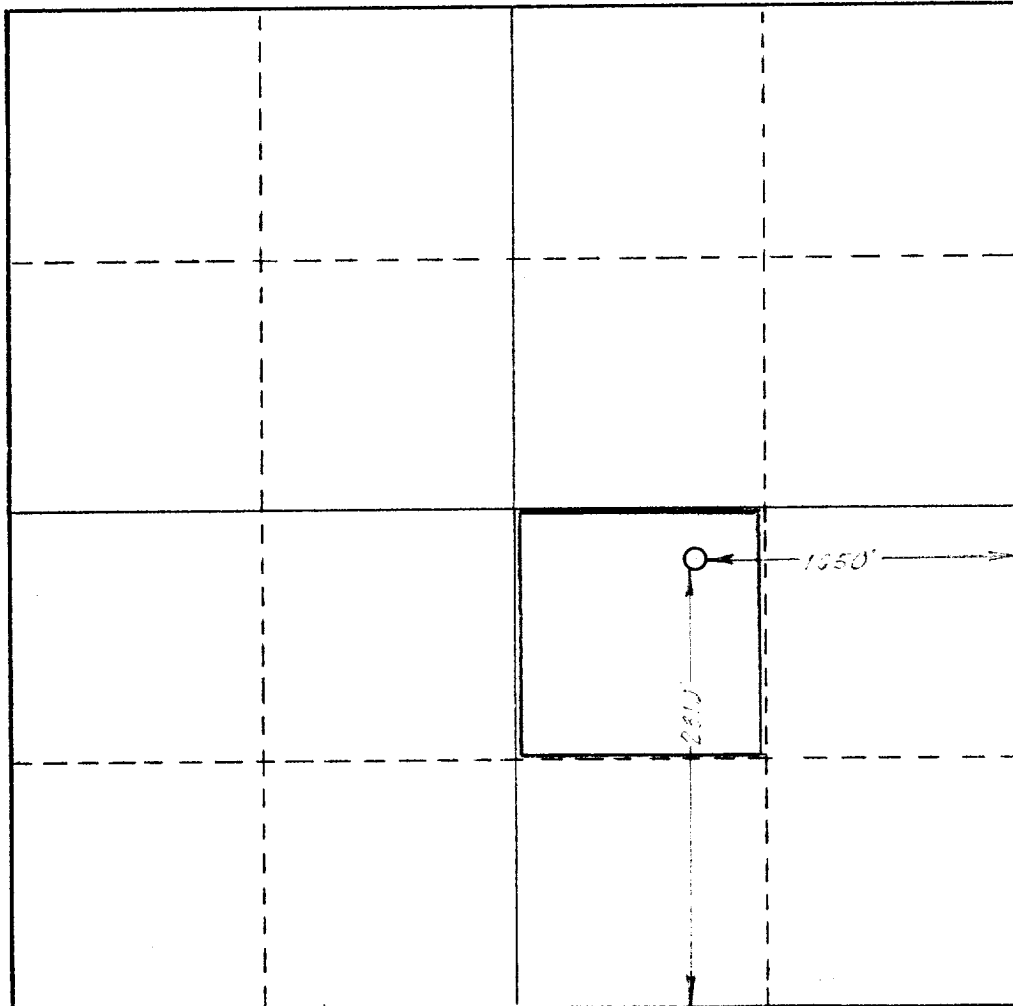
- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

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Yes No If answer is "yes," type of consolidation Unitization Agreement MAY 7 1965

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) APCHIA, DEWE

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
C. R. Colley
Asst. District
Exploitation Engineer

Company
Shell Oil Company

Date **APR 28 1965**

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
April 1, 1965
T. J. Chapman, Jr., Chief Surveyor
Shell Oil Company
T. J. Chapman Jr.

