

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

Caulkins Oil Company

3. ADDRESS OF OPERATOR

Post Office Box 780, Farmington, New Mexico

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

At surface

830 from the North and 330 from the East

At proposed prod. zone

Same

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

30 Miles Southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

330

16. NO. OF ACRES IN LEASE

2400

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

2500

19. PROPOSED DEPTH

7350

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

6384 Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
13 3/4"	9 5/8"	36#	300	Sufficient to circulate
8 3/4"	7"	23 & 26#	7350	1500 sacks

Surface formation San Jose. No abnormal pressure or temperature anticipated. It is proposed to drill well to 7350 using 9# ± Gel based mud. Float will be run in Drill Pipe at Bit. ES Ind., Density and Caliper logs will be run in open hole.

New 7" 23# & 26# J-55 Smls Casing will be cemented at TD with sufficient cement to circulate to surface. Pipe will be cemented in 3 stages. Casing will have rotating scratchers over Pictured Cliffs, Chacra, Mesa Verde and Dakota Zones. Stage tools will be run below base of Point Lookout and below base of Pictured Cliffs sands. Centralizers and cement baskets will also be run on casing thru pay zones.

A Shaffer 10" Model LWP, 6000# test blowout preventor will be in use at all times while drilling and cementing. Blowout preventor will be tested each day.

It is proposed to run New 2 3/8" tubing to Dakota zone with packer set between Mesa Verde zone and Dakota Zone. (over)

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

Charles E. Ingram

TITLE

Superintendent

DATE

Oct. 26, 1977

(This space for Federal or State office use)

PERMIT NO.

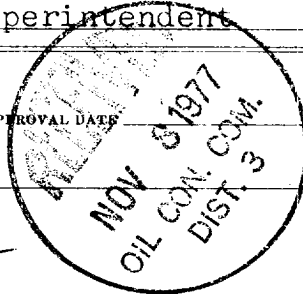
APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OK

*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.

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1 1/4" NU tubing will be run to Mesa Verde for Mesa Verde, Chacra and Pictured Cliffs Production.

Completion of this well as shown above subject to approval by New Mexico Oil Conservation Commission for commingling of Mesa Verde, Chacra and Pictured Cliffs in wellbore. If commingling denied well will be completed as Mesa Verde - Dakota Dual.

All zones to be completed will be fractured to stimulate production.