

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.	SF-079035-A
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Breesh A
9. WELL NO.	125
10. FIELD AND POOL, OR WILDCAT	South Blanco Pictured Cliff
11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA	Otero Chacra
12. COUNTY OR PARISH, STATE	Section 8-26N 6W Rio Arriba New Mexico

2. NAME OF OPERATOR

Gaulkins Oil Company

3. ADDRESS OF OPERATOR

Box 780, Farmington, New Mexico

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

860' from the North and 1120' from the West to

At proposed prod. zone

Same

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

35 miles Southeast of Blanco, New Mexico

15. DISTANCE FROM PROPOSED*

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

860

16. NO. OF ACRES IN LEASE

2400

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

300'

19. PROPOSED DEPTH

4050

17. NO. OF ACRES ASSIGNED
TO THIS WELL

169

20. ROTARY OR CABLE TOOL

Rotary

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

6570' Gr.

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 1/8"	4 1/2"	10.5	4050'	Sufficient to circulate to top of Liner.

Present Condition:

TD 3007: 7" 23# J-55 Smls cgg cemented @ 2937' W/ 200 sacks.
Well now producing to pipeline from open hole Pictured Cliffs Zone at average rate of 74 MCFPD.

It is now proposed to deepen well to Chacra Zone at approx 4050', then run Liner TD to approx 2700'. Liner would be cemented with sufficient cement to circulate to top of liner hanger. Chacra and Pictured Cliffs Zones will both be perforated and fractured to stimulate production.

Production from both Zones will be Commingled in wellbore
Oil Conservation Division Order # R-5648.

(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

TITLE Superintendent

DATE

5-4-79

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*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' NU 10rd thd V-55 tubing will be run to Chacra perforation's for Commingled Production.

A Shaffer 8" model LWP 6000# test, 3000# WP Blowout Preventor will be in use at all times while drilling below 2937'. Blowout Preventor will be tested at least once during each day.

No new surface area to be disturbed. Old location will be dressed off and old reserve pit will be rebuilt to contain drilling fluids and frac water while drilling and completing. All disturbed area will be cleaned up and reseeded to within 5' of all facilities with BLM approved seeding program.