

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 ☐			5. LEASE DESIGNATION AND SERIAL NO. 1-149-(int) 8467		
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒			6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo		
2. NAME OF OPERATOR Artec Oil & Gas Company			7. UNIT AGREEMENT NAME		
3. ADDRESS OF OPERATOR P. O. Drawer 570, Farmington, New Mexico			8. FARM OR LEASE NAME Jernigan		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1990' FNL & 1180' FNL, Section 24, T-87N, R-9W At proposed prod. zone Same			9. WELL NO. 3		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*			10. FIELD AND POOL OR WILDCAT Blanco Mesaverte		
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 24, T-87N, R-9W		
16. NO. OF ACRES IN LEASE 300			12. COUNTY OR PARISH San Juan		
17. NO. OF ACRES ASSIGNED TO THIS WELL 300			13. STATE N. Mex.		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 6630			20. ROTARY OR CABLE TOOLS Rotary		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5985 GR			22. APPROX. DATE WORK WILL START*		
23. PROPOSED CASING AND CEMENTING PROGRAM					

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	8-5/8"		300	225 sk
7-7/8"	5 1/2"		6630	900 sk

Set 300' 8-5/8" surface casing and cement with 225 sacks.
Run 6630' 5 1/2" production casing and cement with 900 sk.
DV tools to be set at base of Mesaverte and Pictured Cliffs and cemented to cover each formation (approximately 630 sk).
Perforate Dakota section and sand-water frac.
Set bridge plug and perforate Mesaverte (Point Lookout) and sand-water frac.
Run 2-3/8" tubing and produce Dakota through tubing and produce Mesaverte through casing.

Proration unit E/2 of Section 24---300 acres.

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U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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.

ORIGINAL SIGNED BY JOE C. SALMON

SIGNED Joe C. Salmon TITLE District Superintendent DATE December 23, 1965

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY [Signature] TITLE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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OIL CON. COM.
DIST. 3

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**

Form O-102
Revised June 1-1-65
Effective 1-1-65

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

Operator Artec Oil & Gas Company			Lessee Navejo Jernigan		Well No. 3
Unit Letter H	Section 24	Township 27 North	Range 9 West	County San Juan	
Actual Footage Location of Well: 1990 feet from the North line and 1100 feet from the East line					
Ground Level Elev. 5985	Producing Formation Mesaverde & Dakota		Pool Blanco Mesaverde Basin Dakota		Dedicated Acreage 320

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 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. (Use reverse side of this form if necessary.) _____

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.

Joe C. Salmon
Name **Joe C. Salmon**

Position
District Superintendent

Company
Artec Oil & Gas Company

Date
December 23, 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
December 16, 1965

Registered Professional Engineer and/or Land Surveyor

G. V. Echov
Signature



