

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. <b>NE 01614</b>
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR <b>Antec Oil &amp; Gas Company</b>		7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR <b>P. O. Box 570, Farmington, New Mexico</b>		8. FARM OR LEASE NAME <b>Thompson</b>
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface <b>990' FUL &amp; 990' FUL - Section 28, T-31N, R-12W</b> At proposed prod. zone <b>Same</b>		9. WELL NO. <b>9</b>
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT <b>Basin Dakota</b>
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA <b>Sec. 28, T-31N, R-12W</b>
16. NO. OF ACRES IN LEASE <b>300</b>		12. COUNTY OR PARISH <b>San Juan</b>
17. NO. OF ACRES ASSIGNED TO THIS WELL <b>300</b>		13. STATE <b>New Mexico</b>
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. <b>7800</b>		20. ROTARY OR CABLE TOOLS <b>Rotary</b>
21. ELEVATIONS (Show whether DF, RT, GR, etc.) <b>6131 ground ungraded</b>		22. APPROX. DATE WORK WILL START*

## 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 ac
7 7/8"	5 1/2"		7800	250 ac plus 650 ac in stages

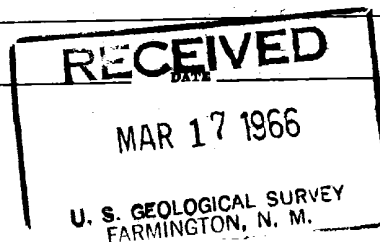
Set 300' 8-5/8" surface casing and cement with 225 sacks.  
Run 7800' 5 1/2" production casing and cement with 250 sacks.  
DV tools to be set at base of Mesaverde and Pictured Cliffs and cement to cover each formation (approximately 650 ac.).  
Perforate Dakota section and sand-water free.  
Set Bridge Plug above Dakota and perforate Mesaverde section and sand-water free.  
Run 2-3/8" tubing with sliding sleeve and produce Dakota through tubing and Mesaverde through casing.

Production unit 2/2 of Section 28-----300 acres.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present production 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 March 17, 1966  
(This space for Federal or State office use)PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_  
APPROVED BY CU TITLE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side



**WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102  
Superior District  
Effective 1-1-66

(If necessary, attach to this the entire boundaries of the Section)

Section	13	Range	13 North	County	San Juan
State	New Mexico				
Well No.	1007	Section	13	Range	13 North
County	San Juan				
State	New Mexico				

Any acreage proposed to be dedicated to the subject well by colored pencil or hatchure marks on the plat below.

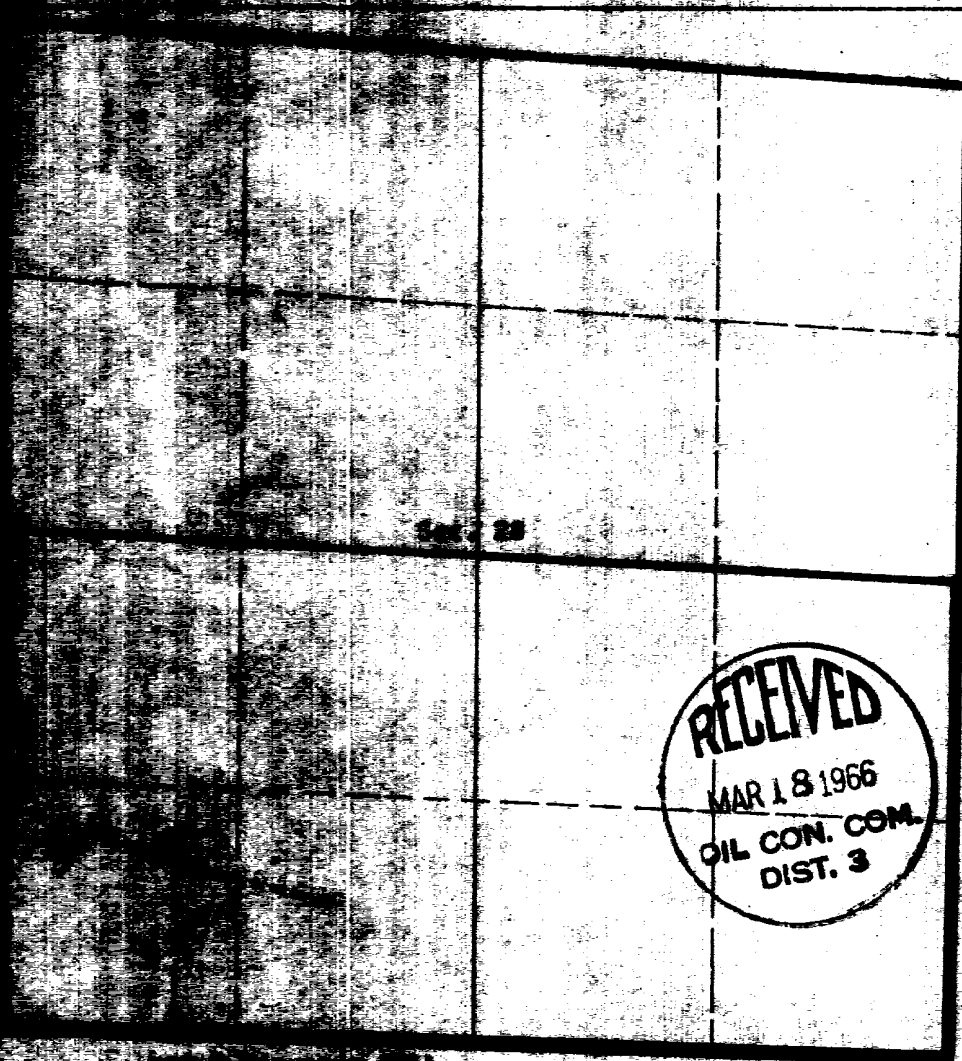
Is the well being dedicated to the well section and identify the ownership thereof (both as to working interest and ownership, 100% Arden Oil & Gas Company

If different ownership is dedicated to the well, have the interests of all owners been consolidated by commutation, unitization, force-pooling, etc?

If answer is "yes," type of consolidation \_\_\_\_\_

Describe the division and tract descriptions which have actually been consolidated. (Use reverse side of this form for additional space.)

Is the well being dedicated to the well until all interests have been consolidated (by commutation, unitization, force-pooling, etc.) 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 Joe A. Salmon

Position District Superintendent

Company Arden Oil & Gas Company

Date March 17, 1966



Date Surveyed March 18, 1966

Registered Professional Engineer and/or Land Surveyor

[Signature]

Certificate No. 5000

