

UNITED STATES
DEPARTMENT OF THE INTERIORGEOLOGICAL SURVEY *API 30-045-22094*

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. NM 03189
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Northwest Pipeline Corporation		7. UNIT AGREEMENT NAME Cox Canyon Unit
3. ADDRESS OF OPERATOR P.O. Box 90 Farmington, New Mexico 87401		8. FARM OR LEASE NAME Cox Canyon Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1021' FNL & 825' FWL At proposed prod. zone As above		9. WELL NO. 5A
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*		10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA D-Sec. 21, T32N, R11W
16. NO. OF ACRES IN LEASE		12. COUNTY OR PARISH San Juan
17. NO. OF ACRES ASSIGNED TO THIS WELL W/ 320		13. STATE N. Mexico
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS Rotary
19. PROPOSED DEPTH 6107'		22. APPROX. DATE WORK WILL START* June 14, 1976
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 6872' 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	200'	180 sxs
8 3/4"	7"	20	3951'	160 sxs
6 1/4"	4 1/2" Liner	10.5	3801'-6107'	215 sxs

Selectively perforate and stimulate the Mesa Verde formation.

A BOP will be installed after the surface casing has been run and cemented.
All subsequent work will be conducted through the BOP.

The W/2 of Section 21 is dedicated to this well.

Surfact Geology: San Jose Formation

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JUN 3 1976
U. S. GEOLOGICAL SURVEY

Gas is dedicated

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 D. H. Maroncelli TITLE Production Engineer DATE June 1, 1976
D. H. Maroncelli
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____
CONDITIONS OF APPROVAL, IF ANY:*OK*

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OIL, CON. COM.
DIST. 3

*See Instructions On Reverse Side