

DEPARTMENT OF NATURAL RESOURCES
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF COLORADO

RECEIVED

AUG 29 1972

APPLICATION
FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE

| | | |
|---|--|--|
| 1a. TYPE OF WORK DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> REENTER <input checked="" type="checkbox"/> | | 5. LEASE DESIGNATION AND SERIAL NO. |
| b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input 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 Amoco Production Company | | 7. UNIT AGREEMENT NAME |
| 3. ADDRESS OF OPERATOR P. O. Box 1400 Riverton, Wyoming 82501 | | 8. FARM OR LEASE NAME UPRR 43 Pan American "A" |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 660 FWL 660 FSL Sec. 3 T1N R68W At proposed prod. zone Shannon | | 9. WELL NO. 1 |
| 10 miles West & 3/4 mile South of Fort Lupton, Colorado | | 10. FIELD AND POOL, OR WILDCAT Wildcat |
| 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3 T1N R68W | | 12. COUNTY Weld |
| 13. STATE | | 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 10 miles West & 3/4 mile South of Fort Lupton, Colorado |
| 15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any) | 16. NO. OF ACRES IN LEASE* 5752.62 | 17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL 320 |
| 18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. | 19. PROPOSED DEPTH 5250 | 20. ROTARY OR CABLE TOOLS Rotary |
| 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5049' GL | | 22. APPROX. DATE WORK WILL START 8-27-72 |

PROPOSED CASING AND CEMENTING PROGRAM

| SIZE OF HOLE | SIZE OF CASING | WEIGHT PER FOOT | SETTING DEPTH | QUANTITY OF CEMENT |
|--------------|----------------|-----------------|---------------|-----------------------|
| 12-1/4 | 8-5/8 | 23# | 214' | 220 sx regular cement |
| 7-7/8 | 4-1/2 | 10.5# | 5250 | 1st stage - 300 sacks |
| | | | | 2nd stage - 200 sacks |

(To cover Fox Hills Formation base of Fox Hills estimated at 900')

* DESCRIBE LEASE **NW/4 and S/2 Sec. 3**

Amoco proposes to re-enter and complete well as a **Shannon Producer** (This well was abandoned as a Muddy "J" Well on 1-15-71). Well was originally plugged as follows 15 sx - 8223-8260'; 105 sx - 700-900; 220 sx - 200-500' and 10 sx at surface.

No coring or DST's anticipated.

Completion to be based on GR-N Correlation log run through pipe.

Confirming verbal approval Frank Piro to K. A. Huff 8/25/72.

| | |
|-----|---------|
| DVR | |
| FJP | |
| HHM | |
| JJD | 8/25/72 |

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or reenter and operate, 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.

In accepting this permit the applicant agrees to fully abide by the requirements and rules of this Commission governing this permitted operation including his responsibility to prevent pollution of state waters during drilling, treating, testing, and producing operations and by the casing, cementing and plugging requirements particularly designed for the protection of state waters and the prevention of intermingling of the contents of all the various zones encountered in this permitted operation.

24.

SIGNED

TITLE **Area Adm. Supervisor**

DATE

8/25/72

(This space for Federal or State Office use)

PERMIT NO.

70-705

APPROVAL DATE

00041645

APPROVED BY

W. Rogers

TITLE

DIRECTOR
OIL & GAS COMM.

DATE

AUG 29 1972

CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

A.P.I. NUMBER

05 123 7217