

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

JUL 13 1978

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR REENTER AND OPERATE			5. LEASE DESIGNATION AND SERIAL NO.
1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> REENTER <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE <input checked="" type="checkbox"/>			7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Amoco Production Company			8. FARM OR LEASE NAME Futura Horse Village
3. ADDRESS OF OPERATOR P.O. Box 39200 - Denver, Colorado 80239			9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2120 FNL 660 FEL SE NE Sec. 3			10. FIELD AND POOL, OR WILDCAT Spindle
At proposed prod. zone			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3, T1N, R68W
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE			12. COUNTY Weld
15. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)			13. STATE Colorado
16. NO. OF ACRES IN LEASE*			17. NO. OF ACRES AND/OR DRILLING UNIT ASSIGNED TO THIS WELL
320			40
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 5200			22. APPROX. DATE WORK WILL START ASAP
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5018 GR			
23.			

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	24	500	Circ. to Surface
7 7/8	4 1/2	11.6	5200	Cover all Possible Pays

(DV Tool will be used to cover Fox Hills Formation - Base of Fox Hills Formation estimated at 750')

* DESCRIBE LEASE Drilling Unit SE NE Sec. 3
Propose to drill well to test Sussex-Shannon Oil
Will run SP-IES Log from bottom of surface casing to total depth
Will run FDC-GR- Caliper Log from 3500 - total depth
Surface Owner is not party to lease
Completion Program will be contingent upon samples and logs
Well moved off center due to landowner's irrigation system



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 R. K. Beck TITLE Area Admin. Supervisor DATE 7-10-78

(This space for Federal or State Office use)

PERMIT NO. 78 647 APPROVAL DATE
APPROVED BY Dr. Rogers TITLE DIRECTOR DATE JUL 14 1978
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

A.P.I. NUMBER

05 123 9542