

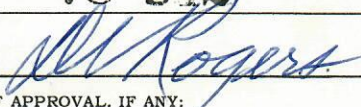


DEPARTMENT OF NATURAL RESOURCES  
OIL AND GAS CONSERVATION COMMISSION  
OF THE STATE OF COLORADORECEIVED  
SEP 20 1978  
COLO. OIL & GAS CONS. COMM.

15

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. I.  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. U. 00032306																
2. NAME OF OPERATOR Amoco Production Company				8. FARM OR LEASE NAME Firecracker Unit																
3. ADDRESS OF OPERATOR P.O. Box 39200 - Denver, Colorado 80239				9. WELL NO. 2																
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 325 FSL 2490 FEL SW SE Sec. 1 At proposed prod. zone 660 FNL 660 FWL C NW NW Sec. 12, T1N, R68W				10. FIELD AND POOL, OR WILDCAT Spindle																
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE				11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 1, T1N, R68W																
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*		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.		19. PROPOSED DEPTH		20. ROTARY OR CABLE TOOLS																
		5200		Rotary																
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5042 GR				22. APPROX. DATE WORK WILL START ASAP																
23. PROPOSED CASING AND CEMENTING PROGRAM																				
<table border="1"><thead><tr><th>SIZE OF HOLE</th><th>SIZE OF CASING</th><th>WEIGHT PER FOOT</th><th>SETTING DEPTH</th><th>QUANTITY OF CEMENT</th></tr></thead><tbody><tr><td>12 1/4</td><td>8 5/8</td><td>24</td><td>500</td><td>Circ. to Surface</td></tr><tr><td>7 7/8</td><td>4 1/2</td><td>11.6</td><td>5200</td><td>Cover all Possible Pays</td></tr></tbody></table>						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
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 550')																				
* DESCRIBE LEASE Drilling Unit NW NW Sec. 12, Propose to drill well to test <u>Sussex-Shannon Oil</u> Will run SP-IES Log from bottom of surface casing to total depth Will run FDC-GR- Caliper Log from 3900 - total depth Surface Owner is party to lease Completion Program will be contingent upon samples and logs Directional & Deviation Surveys will be taken in accordance with Spindle order Amoco holds lease on entirety of Sections 1 and 12, T1N, R68W																				
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 Admin. Supervisor DATE 9-8-78																				
(This space for Federal or State Office use)																				
PERMIT NO. 78 942 APPROVAL DATE																				
APPROVED BY  TITLE DIRECTOR DATE SEP 20 1978																				
CONDITIONS OF APPROVAL, IF ANY:																				

See Instructions On Reverse Side

A.P.I. NUMBER

05 123 9604