



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT**

**SUBMIT IN TRIPLICATE\***  
(Other instructions on reverse side)

Form approved  
Budget Bureau No. 1004-0136  
Expires August 31, 1985

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

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. C-49577	
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 type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
2. NAME OF OPERATOR Chandler & Associates, Inc.			7. UNIT AGREEMENT NAME Southwest Rangely Federal	
3. ADDRESS OF OPERATOR 1860 Lincoln Street, Suite 770, Denver, Colorado 80203			8. FARM OR LEASE NAME Southwest Rangely Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 1290' FSL 1133' FWL <u>SE 1/4 SW 1/4</u> <i>irregular section</i> At proposed prod. zone Same			9. WELL NO. 12-34-1N-3 ✓	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* Approx. 8.5 miles Southwest of Rangely, Colorado			10. FIELD AND POOL, OR WILDCAT Wildcat ✓	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1290'			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34, T1N, R103W 6 <sup>th</sup> P.M.	
16. NO. OF ACRES IN LEASE 2,246.11			12. COUNTY OR PARISH Rio Blanco	
17. NO. OF ACRES ASSIGNED TO THIS WELL 160			13. STATE Colorado	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. N/A			20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5701' GR. <i>MNC5B</i>			22. APPROX. DATE WORK WILL START* 8/25/89	

**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#	120' ✓	110 sacks Class "G"
7 7/8"	5 1/2"	15.5#	± 4,557'	373 sacks Class "G"

- All of sec. 34 except E/2 E/2 - BLM surface*
1. Drill to T.D. ± 4176'.
  2. Run 5 1/2" casing if commercial production is indicated.
  3. If dry hole, well will be plugged and abandoned as instructed by B.L.M.
  4. Well will be drilled with compressed air and mud up with KCL to run 5 1/2" casing.

**RECEIVED**

AUG 07 1989

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 <i>Jorge Cantayca</i> TITLE Petroleum Engineer		DATE 8/4/89
(This space for Federal or State office use)		
PERMIT NO. <i>89-622</i>	APPROVAL DATE <i>AUG 7 1989</i>	EXP. DATE <i>DEC 6 1989</i>
APPROVED BY <i>D. Bicknell</i>	TITLE <i>Deputy Director</i>	DATE <i>AUG 7 1989</i>
CONDITIONS OF APPROVAL, IF ANY:		

**A.P.I. NUMBER**

05 103 9394

\*See Instructions On Reverse Side