

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐		5. LEASE DESIGNATION AND SERIAL NO. SF-080136	
b. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ OTHER ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Curtis J. Little		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1258 Farmington NM 87499		8. FARM OR LEASE NAME SALAZAR	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1630'FNL & 1460'FWL At proposed prod. zone same		9. WELL NO. #4 RE	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE 12 miles NW Counselor		10. FIELD AND POOL, OR WILDCAT Basin-Dakota	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 1460'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 34-25N-6W	
16. NO. OF ACRES IN LEASE 1520		12. COUNTY OR PARISH Rio Arriba	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE NM	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 300		19. PROPOSED DEPTH 6780	
20. ROTARY OR CABLE TOOLS Rotary		21. APPROX. DATE WORK WILL START* 12-1-83	
22. ELEVATIONS (Show whether DF, RT, GR, etc.) DOMED ARE 6378'GR		23. PROPOSED CASING AND CEMENTING PROGRAM This action is subject to administrative appeal pursuant to 30 C.F.R. 200.	
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12-1/4"	8-5/8	28	200
7-7/8	4-1/2	10.5	6780
		125 sx Circulate to surface.	
		500 sx To cover Ojo Alamo.	

Propose to drill with mud, run mechanical logs, selectively perforate and sand-water frac. The gas is dedicated to EPNG.

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JAN 10 1984
OIL CON. DIV.
DIST. 3

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.

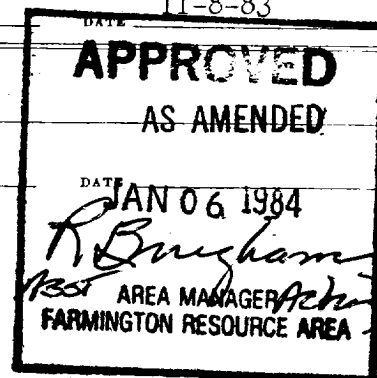
24. SIGNED Curtis J. Little TITLE Operator DATE 11-8-83
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

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

*See Instructions On Reverse Side

AMOC



OIL CONSERVATION DIVISION

STATE OF NEW MEXICO

P. O. BOX 2088

Form C-107
Revised 10-1-78

ENERGY AND MINERALS DEPARTMENT

SANTA FE, NEW MEXICO 87501

All distances must be from the outer boundaries of the Section.

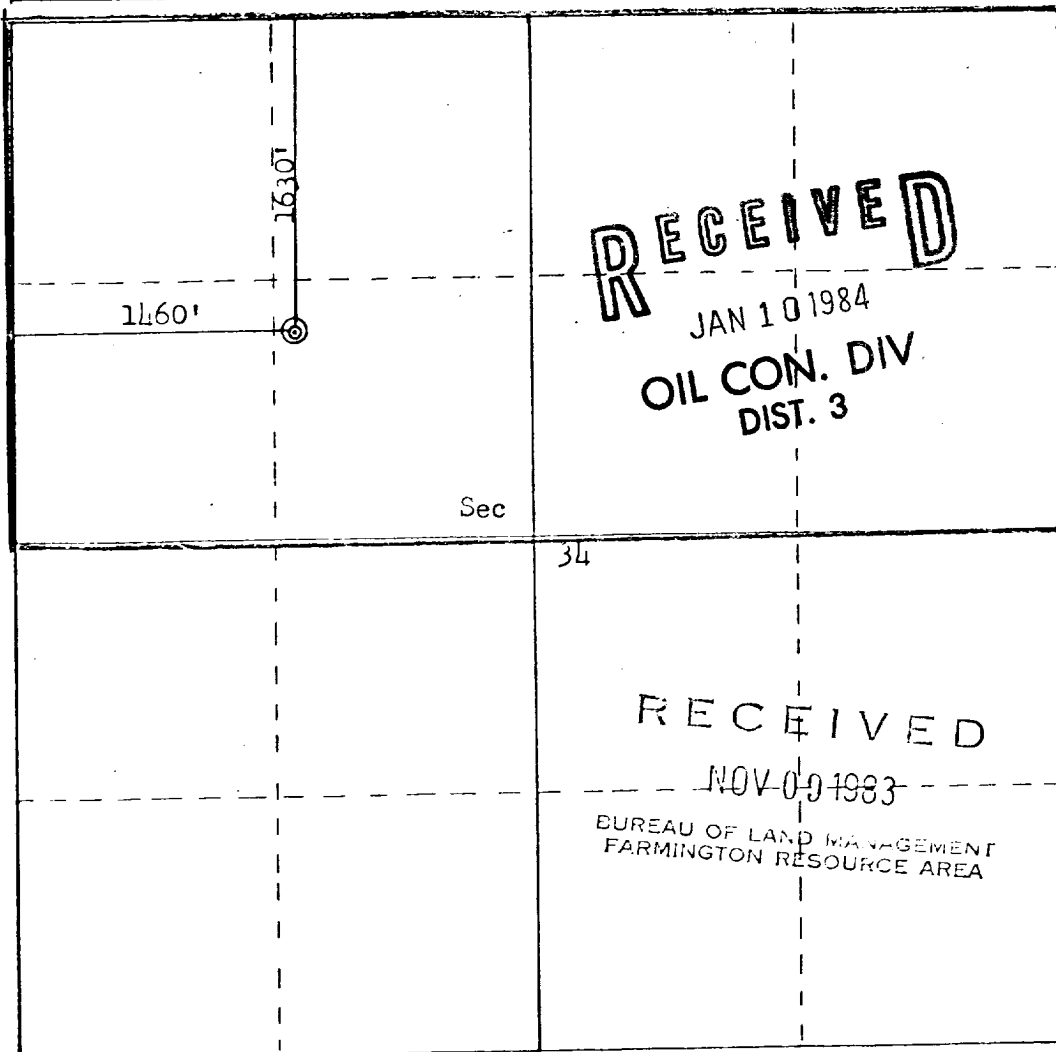
Operator Curtis J. Little		Lease Salazar		Well No. 4-FE	
Unit Letter F	Section 34	Township 25N	Range 6W	County Rio Arriba	
Actual Footage Location of Well: 1630 feet from the North line and 1460 feet from the West line					
Ground Level Elev: 6378	Producing Formation Dakota		Pool Basin Dakota		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name
CURTIS J. LITTLE

Position
Operator

Company
Curtis J. Little

Date
November 4, 1983

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
October 27, 1983

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.

Certificate No. **3950**

TELEPHONE [505] 327-6176
PETROLEUM PLAZA SUITE 175
POST OFFICE BOX 1258
FARMINGTON, NEW MEXICO 87499

Kenna Tanaka
Notary Public

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR

Curtis J. Little

3. ADDRESS OF OPERATOR P.O. Box 12799
Farmington, NM 87409

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1630' FNL & 1460' FWL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☒

☒

☒

☐

☐

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RECEIVED

FEB 15 1984

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA

5. LEASE

SF-080136

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

SALAZAR

WELL NO.

4

9. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 34-T25N-R6W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
NM

14. API NO.

30-039-23368

15. ELEVATIONS (SHOW DF, KDB, AND WD)
6378 GR

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

1-16-84 Spud 4:00 P.M. Drld. 225' of 12½" hole. Ran 210' 8-5/8" csg. at 222 KB and cemented w/145 sx. w/2% CaCl. Cement 15' from surface. Grouted 15 sx. at top and packed with pea gravel. Total slurry 171 cu.ft. Plug down 9:00 P.M. Dev. 0' @ 225'. WOC 12 hrs. Pressure tested to 600 psi. Held OK.

1-27-84 Ran 171 jts. 4½" 11.6 lb. N-80 csg. to 6759. Float collar 6717' & cement stage tool at 4574. 1st stage w/600 sx. 50-50 Poz Class A, w/2% gel, 10% salt, 0.6% Halad-9 (774 cu.ft.). 2nd stage 875 sx. Class B w/2% econolite and 75 sx. Class B (total 1891 cu.ft.). Ran temp. log and found top cement at 1300'KB.

2-3-84 Drilled stage collar. Ran Bond log. Top 1st stage cement 5458 KB. Perf 6632-72KB, 21 shots, 24" apart, acidized 200 gal. 7½% HCL, 1000 gal. 15% HCL. BDP 2450 psi with 30 ballsealers. Ran junk basket. Frac 41,500 lb. sd, 62,930 gals. 40 lb. gel.

SEE OTHER SIDE

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Curtis J. Little TITLE Operator DATE 2/14/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

FEB 16 1984

*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

RY 5mm

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

ATP 3200 psi. Ave. IR 28 BPM. ISIP 2100 psi. 15 min. SIP 1050 psi. Ran wireline recoverable bridge plug to 6610'. Dumped 25 sx sand on top plug.

Perforated 6548-76 KB, 6514-28, 6432-36, 6422-26, 29 holes 0.33" dia. 24" apart. Acidized w/200 gal. 7½% HCL & 1500 gal. 15% HCL. Frac w/60,000 lbs. sand, 93,780 gal. 40 lb. cross linked gel. BDP 1900 psi. ATP 3400 psi. Ave. IR 31 BPM, ISIP 2550 psi. 15 min. SIP 2350 psi.

2-6-84 Ran tubing. Swabbed in.