

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 ☐

b. TYPE OF WELL  
OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☒

2. NAME OF OPERATOR  
Curtis J. Little Oil & Gas

3. ADDRESS OF OPERATOR  
P.O. Box 1258, Farmington, New Mexico 87401

4. LOCATION OF WELL (Report location clearly and in accordance with any State laws and regulations)  
At surface  
440' FSL-1660' FEI  
At proposed prod. zone  
same

5. LEASE DESIGNATION AND SERIAL NO.  
SF080539

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hurt Federal

9. WELL NO.  
2

10. FIELD AND POOL, OR WILDCAT  
Ojito Gallup Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 1, T25N, R3W, NMPM

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE  
3/4 mi. SW of Ojito, New Mexico

15. BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

16. NO. OF ACRES IN LEASE  
320

17. NO. OF ACRES ASSIGNED TO THIS WELL  
40

18. DISTANCE FROM PROPOSED\* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)  
340'

19. PROPOSED DEPTH  
8312'

20. ROTARY OR CABLE TOOLS  
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)  
7345' GL

22. APPROX. DATE WORK WILL START\*  
June 30, 1987

23. PROPOSED CASING AND CEMENTING PROGRAM

DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED  
"GENERAL REQUIREMENTS"

This action is subject to technical and procedural review pursuant to 43 CFR 3165.4 and appeal pursuant to 43 CFR 3165.4.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12 1/4"	9 5/8"	32.3 #, H-40	300'	160 sacks (189 cuft)
8 3/4"	4 1/2"	10.5 #, K-55	4050'	Stage 3- 680sxs. (1174 cuft)
7 7/8"	4 1/2"	10.5 #, K-55	6900'	Stage 2-430.sxs. (732 cuft)
7 7/8"	4 1/2"	11.6 #, K-55	8312'	Stage 1-415 sxs. (527 cuft)

Propose to spud in San Jose formation. Drill to 300'. Run and cement surface casing with cement returns to surface. WOC 12 hours, test to 600 psi. Drill 8 3/4" hole until Pictured Cliffs is penetrated then reduce to 7 7/8". Circulating medium will be fresh water mud. No abnormal pressures or poisonous gas is anticipated. IEL and GR-FDC/CNL will be run at TD. Casing will be run and cemented to allow completion of the Gallup and/or Dakota. It is anticipated the well will bedrilled before July 31, 1987. Gas is not dedicated.

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. Operator DATE May 20, 1987

(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITIONS OF APPROVAL, IF ANY:

NMOCC

\*See Instructions On Reverse Side

APPROVED  
AS AMENDED  
MAY 27 1987  
for J. Stan McKee  
AREA MANAGER

Operator <b>Curtis J. Little</b>		Lease <b>Hurt Federal</b>		Well No. <b>2</b>	
Unit Letter <b>0</b>	Section <b>1</b>	Township <b>25 North</b>	Range <b>3 West</b>	County <b>Rio Arriba</b>	
Actual Postage Location of Well:					
440 feet from the		South line and		1660 feet from the East line	
Ground Level Elev. <b>7345</b>	Producing Formation <b>Gallup/Dakota</b>		Pool <b>Ojito</b>	Dedicated Acres: <b>40</b>	

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 NA

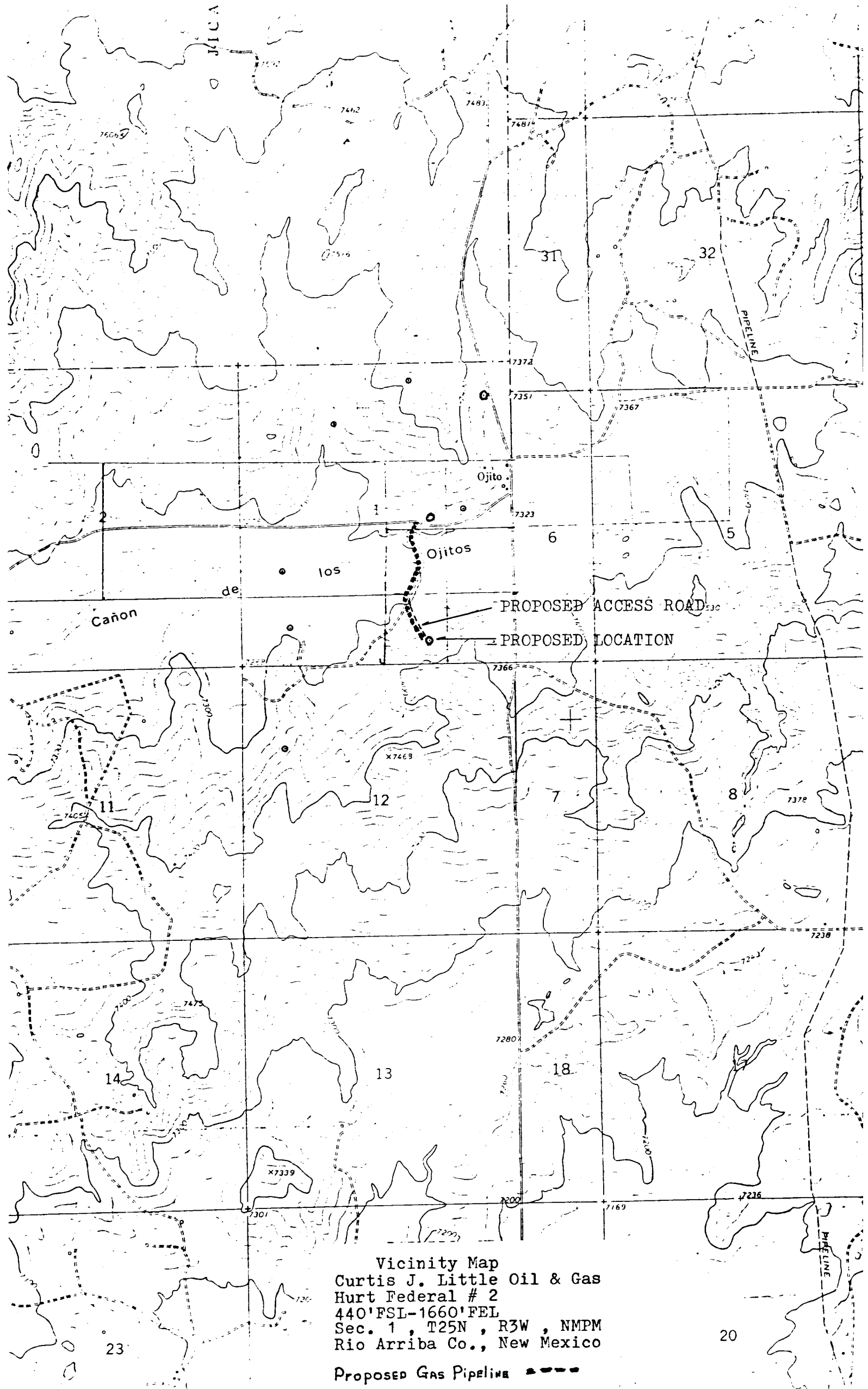
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

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 Division.

<p><b>RECEIVED</b></p> <p><b>MAY 22 1987</b></p> <p>BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA</p> <p>Curtis J. Little Oil&amp;Gas SF080539</p> <p>SEC 1</p> <p><b>RECEIVED</b></p> <p><b>JUN -2 1987</b></p> <p><b>CON. DIV.</b></p> <p><b>DIST. 2</b></p>		<p><b>CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Name <b>Sylvia F. Little</b></p> <p>Position <b>Operator</b></p> <p>Company <b>Curtis J. Little Oil &amp; Gas</b></p> <p>Date <b>May 20, 1987</b></p>	
		<p><b>EDGAR L. RISENHOVER</b></p> <p><b>REGISTERED LAND SURVEYOR</b></p> <p><b>NEW MEXICO</b></p> <p><b>5979</b></p> <p>I hereby certify that the well location shown on this plat was obtained from field notes of not more than 5 years made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p>	



Date Surveyed <b>January 13, 1987</b>
Registered Professional Engineer and/or Land Surveyor <b>Edgar L. Risenhoover</b>
Certificate No. <b>5979</b> <b>Edgar L. Risenhoover, L.S.</b>



Vicinity Map  
Curtis J. Little Oil & Gas  
Hurt Federal # 2  
440' FSL-1660' FEL  
Sec. 1, T25N, R3W, NMPM  
Rio Arriba Co., New Mexico  
Proposed Gas Pipeline