

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>			7. UNIT AGREEMENT NAME		
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>			8. FARM OR LEASE NAME Jones ³⁴ Federal 34		
2. NAME OF OPERATOR Kanab Operating Company, Ltd.			9. WELL NO. 1		
3. ADDRESS OF OPERATOR 400 Wilco Bldg., Midland, Texas 79701			10. FIELD AND POOL, OR WILDCAT East Morton-Wolfcamp		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 660' FSL and 2130' FWL At proposed prod. zone 660' FSL and 2130' FWL			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 34-T14S-R35E		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 3 miles NNW of Lovington, N.M.			12. COUNTY OR PARISH Lea		13. STATE New Mexico
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 660'		16. NO. OF ACRES IN LEASE 240		17. NO. OF ACRES ASSIGNED TO THIS WELL 80	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. None		19. PROPOSED DEPTH 10,700		20. ROTARY OR CABLE TOOLS Rotary	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4002.1 GR			22. APPROX. DATE WORK WILL START* Upon Approval		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT	
17-1/2	13-3/8	48#	450	Circulated	See Below
12-1/4	9-5/8	53.5#	4700	Circulated	and Exhibit
7-7/8	5-1/2	15.5#, 17#	10,700		F.

Mud Program: See Exhibit G.
BOP Program: See Exhibit E.
Cement Program: See Exhibit F.

13-3/8" Casing: 475 sx. Class "C" with 2% CaCl₂.
9-5/8" Casing: 1625 sx. Pacesetter Lite with 1/4 lb./sx. Cello-seal; tail in with 160 sx.
Class "C" Neat.
5-1/2" Casing: 420 sx. 50-50 POZ mix Class "H" with 2% gel and 2% KCL.

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 Ten Sneed Assistant
TITLE Division Production Mgr. DATE Nov. 26, 1986

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY Orig: Sgd: Charles S. Dahlen TITLE _____ DATE 12-31-86
CONDITIONS OF APPROVAL, IF ANY: Area Manager

APPROVAL SUBJECT TO
GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS
ATTACHED