

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK RE-DRILL <input checked="" type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM - 76988	
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	
2. NAME OF OPERATOR SNOW OIL & GAS, INC.		7. UNIT AGREEMENT NAME COMM. PENDING	
3. ADDRESS OF OPERATOR P.O. BOX 1277, ANDREWS, TEXAS 79714 (915) 524-2371		8. FARM OR LEASE NAME DUFFIELD	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 1980 FSL & 1980 FWL At proposed prod. zone		9. WELL NO. #1	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 15 miles NE Artesia, New Mexico		10. FIELD AND POOL, OR WILDCAT DUFFIELD (PENN)	
15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SEC. 21, T-16-S, R-27-E	
16. NO. OF ACRES IN LEASE 360		12. COUNTY OR PARISH Eddy	
17. NO. OF ACRES ASSIGNED TO THIS WELL 320		13. STATE New Mexico	
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.		20. ROTARY OR CABLE TOOLS PULLING UNIT	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3573 DF		22. APPROX. DATE WORK WILL START* 3/22/93	

W.K

PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2	13		274	275 SX CIRC
12 1/4	9 5/8	36#/40#	1381	875 SX
8 3/4	7"	17#/20#	8799	1019 SX TOP @ 4750
			TOP 3020'	TOC @ 4300
				CSG STUB @ 3020'

Propose to re-enter this well to depth of 8750' and evaluate existing Morrow perms @ 8615 - 8715'.

See Sundry Notice.

Exhibits:
Surface Plan
Drilling Plan

Former: Continental Oil Co.
G.W. Duffield #1
OTD-10,188 P&A-11-18-67

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MAR 3 11 51 AM '93

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 Dan W. Snow TITLE Vice President DATE 3/1/93

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE 4/3/93

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.