

30-025-31790

RLM Roswell District
Modified Form No.
NMD60-3160-2

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-54432	
b. TYPE OF WELL OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Read & Stevens, Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 1518 Roswell, NM 88202		8. FARM OR LEASE NAME Mark Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 330' FSL & 1900' FEL At proposed prod. zone Same		9. WELL NO. 3	
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 33 miles southwest of Hobbs, NM		10. FIELD AND POOL, OR WILDCAT Quail Ridge Delaware	
16. DISTANCE FROM PROPOSED LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 330'		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 3-T20S-R34E	
18. DISTANCE FROM PROPOSED LOCATION TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 1735'		12. COUNTY OR PARISH Lea	
19. PROPOSED DEPTH 6600'		13. STATE New Mexico	
20. ROTARY OR CABLE TOOLS Rotary		22. APPROX. DATE WORK WILL START* September 14, 1992	
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 3649' GL		23. PROPOSED CASING AND CEMENTING PROGRAM Capitan Controlled Water Basin Secretary's Parish	

HOLE SIZE	CASING SIZE	WEIGHT/FOOT	GRADE	THREAD TYPE	SETTING DEPTH	QUANTITY OF CEMENT
17 1/2"	13 3/8"	54.5#	J-55	STC WITNES	1600'	Crc 1200 sx C
11"	8 5/8"	32.0#	S-80	LTC WITNES	5000'	Circ 1100 sx*
7 7/8"	5 1/2"	15.5#	J-55	STC	6600'	tie w/300 sx C

Mud Program:

	Mud Wt.	Vis.	W/L Control
0' - 1600': Fresh water native mud:	8.4 ppg	32	No W/L control
1600' - 5000': Brine mud:	10 ppg	28-32	No W/L control
5000' - 6600': Cut brine mud w/starch:	8.8 ppg	32-40	W/L control 15cc
1600' - 6600': Gel & lost circulation material will be added as needed.			

BOP Program:

A 10" 3000 psi wp Shaffer Series 900 BOP will installed on the 13 3/8" casing. Casing and BOP will be tested before drilling out with 11". BOP will used as a 2000 psi wp system and will be tested daily.

* Cement with DV tool in two stages:

1st stage: Lead 200 sx lite, tail in w/200 sx "C".

2nd stage: Lead 500 sx lite cement, tail w/200 sx neat. Cement to surface.

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. Agent for:
Read & Stevens, Inc. August 11, 1992
SIGNED George N. Smith TITLE _____ DATE _____

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:
APPROVAL SUBJECT TO

GENERAL REQUIREMENTS AND
SPECIAL STIPULATIONS

ATTACHED

*See Instructions On Reverse Side