SUBMIT IN TRIPLICATE*

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

UNITED S		
DEPARTMENT OF	THE INTERIOR	

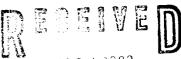
31-045-25192	:
5. LEASE DESIGNATION AND SERIAL NO.	
NM 31311	

GEOLOGICAL SURVEY			NM 31311	
APPLICATION FOR PERMIT	TO DRILL, DEEPE	N, OR PLUG BA	4CK	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
a. TYPE OF WORK DRILL	DEEPEN	PLUG BAC		7. UNIT AGREEMENT NAME
b. Type of Well OIL GAS WELL OTHER		NGLE MULTIPLE ZONE	Е	8. FARM OR LEASE NAME Champlin Federal
Southern Union Exploration		ar -		9. WELL NO.
				#1
P.O. Box 2179 Farmington,	NM 87499	NEW	\	10. FIELD AND POOL, OR WILDCAT
P.O. Box 2179 Farmington, LOCATION OF WELL (Report location clearly an At surface 660'FNL & 660'FWL At proposed prod. zone Same	d in accordance with my	JUL 26 1983		Bisti Lower Gallup 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
At proposed prod. zone Same		The	LIEY I	Sec. 11-T25N-R13W NMPM
14. DISTANCE IN MILES AND DIRECTION FROM NE	AREST TOWN OR POST OFFICE	e. Latural Marian	All second	12. COUNTY OR PARISH 13. STATE
25 miles South Farmington, 1	· · · · · · · · · · · · · · · · · · ·	c. Bl. Mills		San Juan NM
IS DISPANCE TROM PROPOSED*	NM - 10 NO), OF THE TN LEASE	17. NO.	OF ACRES ASSIGNED THIS WELL
LOCATION TO NEAREST PROPERTY OR LEASE, ANE, FT. (Also to nearest ' .g. unit line, if any)	000	960		W 80
 DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 	1320 t	soposed depth 5000	20. ROTA	ROTARY ROTARY 22. APPROX. DATE WORK WILL START*
21. ELEVATIONS (Show whether DF, RT, GR, etc.)	DRILLING OPERATIONS A	NUTHORIZED ARE		
6293'GL	SUBJECT TO COMPLIANCE	E WITH ATTACHED		August 19, 1983
23.	THEN FOSH D'EASING! KIN		_{lM} This	s action is subject to administrative
SIZE OF HOLE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	1	eal pursuant to 30 CER 290.
124" 8 5/8"	32#	300.	Circ	to surface 250 cu/ft Cl B
7 7/8" 4½"	10.5#	5000'	650	cu/ft 50/50 Poz Cl B —
1. Drill 12½" hole to 300' & set 8 5/8" csg. Cement to circulate to surface. 2. Pressure test BOP & log daily tests while drilling 7 7/8" hole to 5000'. 3. Log w/induction & density, set 5½" csg @ 5000' if warranted.				

4. Cement bond log, perforate & stimulate.

EXHIBITS ATTACHED:

- A. Location & elevation plat.
- B. Access & road map to location & radius map.
- C. Blow out preventer schematic.
- D. Multi point requirements for APD.
- E. 10 point compliance.
- F. Production facilities layout.
- G. Drillpad layout & cut/fill crossection.



OIL CON. DIV.

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 pг

preventer program, if any.		
SHENE SALLSCHWELE	Drlg. & Prod. Su	pervisor 7/7/83
(This space for Federal or State office use)	APPROVAL DATE	APPROVED AS AMENDED
PERMIT 80.		DATE
EXAMPLE OF APPROVAL, IF ANY :	TITLE	AUG 2 2 1983
oh F	1000°	AREA MANAGER FARMINGTON RESOURCE AREA

CHAMPLIN FED. #1

TEN POINT COMPLIANCE PROGRAM

- 1. Surface Formation: Kirtland
- 2 & 3. Estimated Tops:

Α.	Fruitland	1340'	Gas
В.	Pictured Cliffs	1420'	Gas
С.	Lewis	1485'	Shale
D.	Chacra	1705 '	Gas
Ε.	Cliffh	2150'	Gas
F.	Gallu -	4475 '	0il & Gas
G.	TD	5200'	

4. Casing Program:

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0-300' 12½" hole, 8 5/8", 32#/ft, K-55, new 0-5000' 7 7/8" hole, 4½", 10.5#/ft, K-55, new
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5. Pressure Control Equipment:

(See enclosed BOP schematic) BOP and choke manifold will be installed and pressure tested before drilling out surface casing. Daily checks of mechanical operation will be performed and recorded. Cam type preventers and related pressure control equipment will be pressure tested to rated working pressure of the stack assembly or 70% of minimum internal yield pressure of the casing. Annular type preventers will be tested at least once every 30 days.

6. MUD Program:

Fresh water base gel mud iwll be used from the base of the surface casing to TD at 5000'.

- 7. Auxillary Equipment:
 - A. Kelly Cock
 - B. Mud monitoring will be visual
 - C. A sub with full opening valve and drill pipe thread will be available on the rig floor.
- 8. Logging:

DIL-FDC & GR from TD to surface casing, cement bond log.

Coring: None Testing: None

Stimulation: Foamed water (70% $\rm N_2$ + 30% water) with 60,000# 20/40 mesh sand.

9. Abnormal pressure: None
Estimated Bottomhole Pressure: 1,200 psi.

10. Anticipated starting Date: August 1, 1983.

Duration of Operation: 25 days will be required to drill and complete this well.

