

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-25792
5. LEASE DESIGNATION AND SERIAL NO.

NM 31311

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Champlin Federal ~~ST~~

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Bisti Lower Gallup ~~E~~

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 11-T25N-R13W NMPM

12. COUNTY OR PARISH 13. STATE

San Juan NM

17. NO. OF ACRES ASSIGNED
TO THIS WELL

W 80

20. ROTARY OR CABLE TOOLS

Rotary

22. APPROX. DATE WORK WILL START*

August 19, 1983

This action is subject to administrative
appeal pursuant to 30 CFR 290.

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

Southern Union Exploration

3. ADDRESS OF OPERATOR

P.O. Box 2179 Farmington, NM 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements*)
At surface 660' FNL & 660' FWL

At proposed prod. zone Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

25 miles South Farmington, NM

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest 1/4 sec. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1320'

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

6293' GL

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED

PERMITS AND CEMENTING PROGRAM

23.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH
12 1/4"	8 5/8"	32#	300'
7 7/8"	4 1/2"	10.5#	5000'

650 cu/ft 50/50 Poz C1 B
Circ to surface 250 cu/ft C1 B

1. Drill 12 1/4" 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 5 1/2" 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 crosssection.

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

TITLE

Drlg. & Prod. Supervisor

DATE 7/7/83

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

AUG 24 1983

OIL CON. DIV. |
DIST. 3

APPROVED
AS AMENDED

DATE
AUG 22 1983

AREA MANAGER
FARMINGTON RESOURCE AREA

CHAMPLIN FED. #1

TEN POINT COMPLIANCE PROGRAM

1. Surface Formation: Kirtland

2 & 3. Estimated Tops:

A. Fruitland	1340'	Gas
B. Pictured Cliffs	1420'	Gas
C. Lewis	1485'	Shale
D. Chacra	1705'	Gas
E. Cliff	2150'	Gas
F. Gallu	4475'	Oil & Gas
G. TD	5200'	

4. Casing Program:

0-300' 12 $\frac{1}{4}$ " hole, 8 5/8", 32#/ft, K-55, new
0-5000' 7 7/8" hole, 4 $\frac{1}{2}$ ", 10.5#/ft, K-55, new

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 will 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% N₂ + 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.

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Drill Hole
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WIRE
GATE

TRAIL

Repair Line

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Drill
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