

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-031-20828

5. LEASE DESIGNATION AND SERIAL NO.

W-24970

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mesa Alta Federal 430-9

9. WELL NO.

#1

10. FIELD AND POOL, OR WILDCAT

Wildcat/Entrada Penn

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

Section 9, T18N, R8W

12. COUNTY OR PARISH

McKinley

13. STATE

New Mexico

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

Champlin Petroleum Company

3. ADDRESS OF OPERATOR

P. O. Box 1257, Englewood, Colorado 80150

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

1300' FSL - 7950' FEL

At proposed prod. zone

980

1950

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

3.6 miles from Whitehorse

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1300

16. NO. OF ACRES IN LEASE

2039

17. NO. OF ACRES ASSIGNED
TO THIS WELL

40

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

N/A

19. PROPOSED DEPTH

9000'

20. ROTARY OR CABLE TOOLS

Rotary 0-TD

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

6818 GL

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	--	50'	5 yards
17 1/2"	13-3/8"	54.5#	400'	650 sxs.
12 1/2"	9-5/8"	36# 40#	4500'	1000 sxs.
8-3/4"	5 1/2"	15.5# 17#	9000'	1000 sxs.

See attached casing program.

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

J. L. Daniel
J. L. Daniel

TITLE

Engineering Assistant

DATE 9/15/81

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED
DATE
AS AMENDED

DEC 03 1982

JAMES F. SIMS
DISTRICT ENGINEER

NMOC

All distances must be from the outer boundaries of the Section

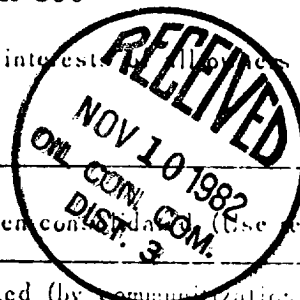
Operator Champlin Petroleum Company			Lease Mesa Alta 43C-9		Well No. 1
Unit Letter --- 0	Section 9	Township 18N	Range 8W	County McKinley	
Actual Footage Location of Well:					
980 feet from the South line and		1950 feet from the East line			
Ground Level Elev. 6818	Producing Formation Entrada Penn	Pool Wildcat	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hardware marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). **One Lease - Champlin/50% - Lancaster/Norecen 50%**
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated (Use reverse side of this form if necessary.) **One lease**

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

J. L. Daniel

Name **J. L. Daniel**
Position **Engineering Assistant**

Company **Champlin Petroleum Company**
Date **10-25-82**

P. O. Box 1257

Englewood, CO 80150

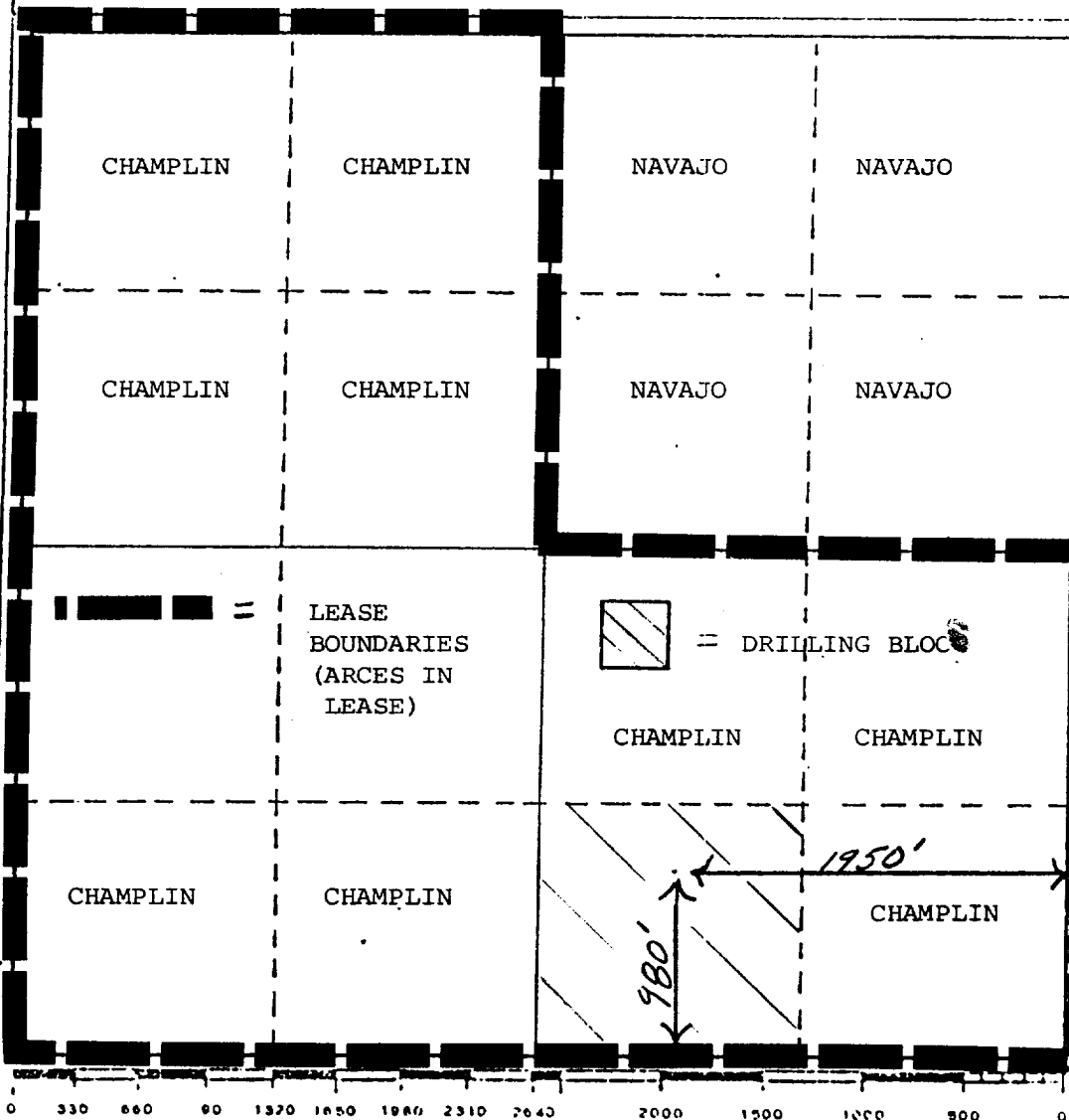
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

OCT 7, 1982

Date Surveyed
Robert A. Hansen
Registered Professional Engineer
and/or Land Surveyor

PE-8096

Certificate No.



#1 Mesa Alta Federal 43A-9
Section 9, T18N, R8W
McKinley County, New Mexico



1. Geologic Name of Surface Formation

Kirtland - Fruitland

The project encompasses an area which is characterized by an uplifted Menefee sandstone mesa which slopes gently to the east. Sand dunes and bedrock outcrops cover the mesa top. A north trending tributary of Fajada Wash drains the alluvial valley which lies to the west of the mesa area. Juniper is the dominant vegetation of the higher elevations while sand dunes and alluvial valleys provide a grassland cover. The area is currently grazed by sheep and cattle. Common fauna include prairie dog, rabbit, and lizard.

2. Estimated Tops of Important Geologic Markers

<u>Formation/Horizon</u>	<u>Depth</u>	<u>Subsea Elevation</u>
Menefee	@ surface	+6807
Mancos	1200'	+5607
Morrison	3610'	+3197
Todilto	4570'	+2237
Pennsylvanian (objective)	8620'	-1813
Mississippian	8880'	-2073
Total Depth	9000'	

3. Estimated Depths of Anticipated Water, Oil, Gas or other Minerals

Oil and water are anticipated in the Pennsylvanian formation. No other water flows are anticipated.

4. See next page.

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "A" is a schematic diagram of the blowout preventer equipment. The BOP will be hydraulically tested to the full working pressure after nipping up and after any use under pressure. Pipe rams will be operationally checked every 24-hour period, as well as blind rams and annular preventer each time pipe is pulled out of hole. Such checks of BOP will be noted on the daily drilling report.

Accessories to BOP will include an upper and lower Kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stock.

SUNDRY NOTICES AND REPORTS ON WELLS

1. oil ☒ gas ☐ other

2. NAME OF OPERATOR
Champlin Petroleum Company
ATTN: Joy Daniel

3. ADDRESS OF OPERATOR

P. O. Box 1257, Englewood, CO 80150

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

below.)
AT SURFACE: 980' FSL - 1950' FEL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

PULL OR ALTER CASING

MULTIPLE COMPLETE

CHANGE ZONES

ABANDON*

(other) History Report

SUBSEQUENT REPORT OF

REPORT OF
RECEIVED
1983

FEB 12 1983

(NOTE: Report results of multiple completion or change on Form 3-330.)

U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

(1/19/83) - Spudded 17 1/2 hole to 400'. Ran 10 jts. of 13 3/8", STC, 61#, K-55, casing. Shoe at 360'. Cemented 2/500 sacks.

(1/31/83 - 2/6/83) - Drilled 12 1/4" hole from 400' to 2727' hole deviated 7°. Cemented back with 250 sacks. PBTD 2517'. Drilled 7 7/8" hole from 2517' to 3663'. Reamed 7 7/8" to 12 1/4" to 3646'. Ran open hole logs. Present operations: Preparing to run surface casing.

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

18. I hereby certify that the foregoing is true and correct.

SIGNED J. L. Daniel TITLE Engineering Assistant DATE February 7, 1983

J. L. Daniel ACCEPTED FOR RECORD

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL IF ANY:

TITLE _____ DATE FEB 18 1962

NMCCC

FARMINGTON DISTRICT