

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

James P. Woosley

3. ADDRESS OF OPERATOR

Box 1227, Cortez, Colorado 81321

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

At surface

145' FNL and 642' FWL

At proposed prod. zone

Same

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

12

16. DISTANCE FROM PROPOSED*

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

17. NO. OF ACRES IN LEASE

148

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.

19. PROPOSED DEPTH

1200

20. ROTARY OR CABLE TOOLS

Rotary

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

6258' GL

22. APPROX. DATE WORK WILL START*

as soon as approved

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	23#	30'	cement to surface
6 3/4"	4 1/2"	10.50	1150'	25 sks

Plan to set 30' of surface (7") and cement to surface. Drill a 6 3/4" hole and test the Mesa Verde sandstones to a depth of 1200ft.



RECEIVED

SEP 14 1978

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.

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

SIGNED

TITLE Co Operator

DATE Aug. 29, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

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AUG 31 1978

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

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

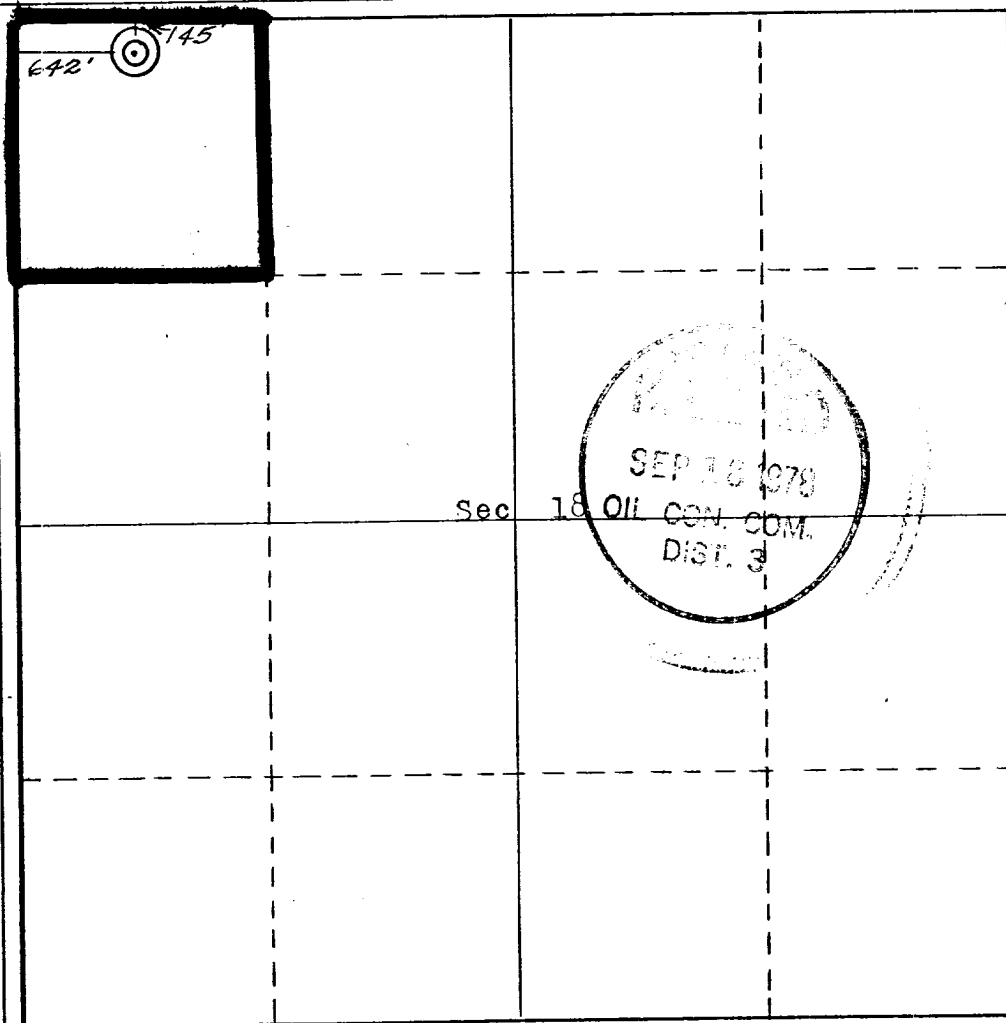
Operator <u>James P. Woosley</u> WTR CORPORATION		Lease <u>Milk Lake</u>		Well No. <u>2</u>
Unit Letter <u>B</u>	Section <u>18</u>	Township <u>19 North</u>	Range <u>13 East</u> West	County <u>McKinley</u>
Actual Footage Location of Well: <u>145</u> feet from the <u>North</u> line and <u>642</u> feet from the <u>West</u> line				
Ground Level Elev. <u>6259.0</u>	Producing Formation <u>Mesa Verde</u>	Pool <u>Wildcat</u>	Dedicated Acreage: <u>40</u> Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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).
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.) _____

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 Commission.



CERTIFICATION

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

Name

James P. Woosley

Position

Co-operator

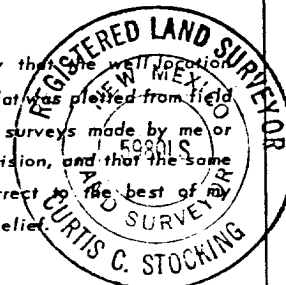
Company

James P. Woosley
Woosley Company

Date

Aug. 29, 1978

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.



June 7, 1978

Date Surveyed

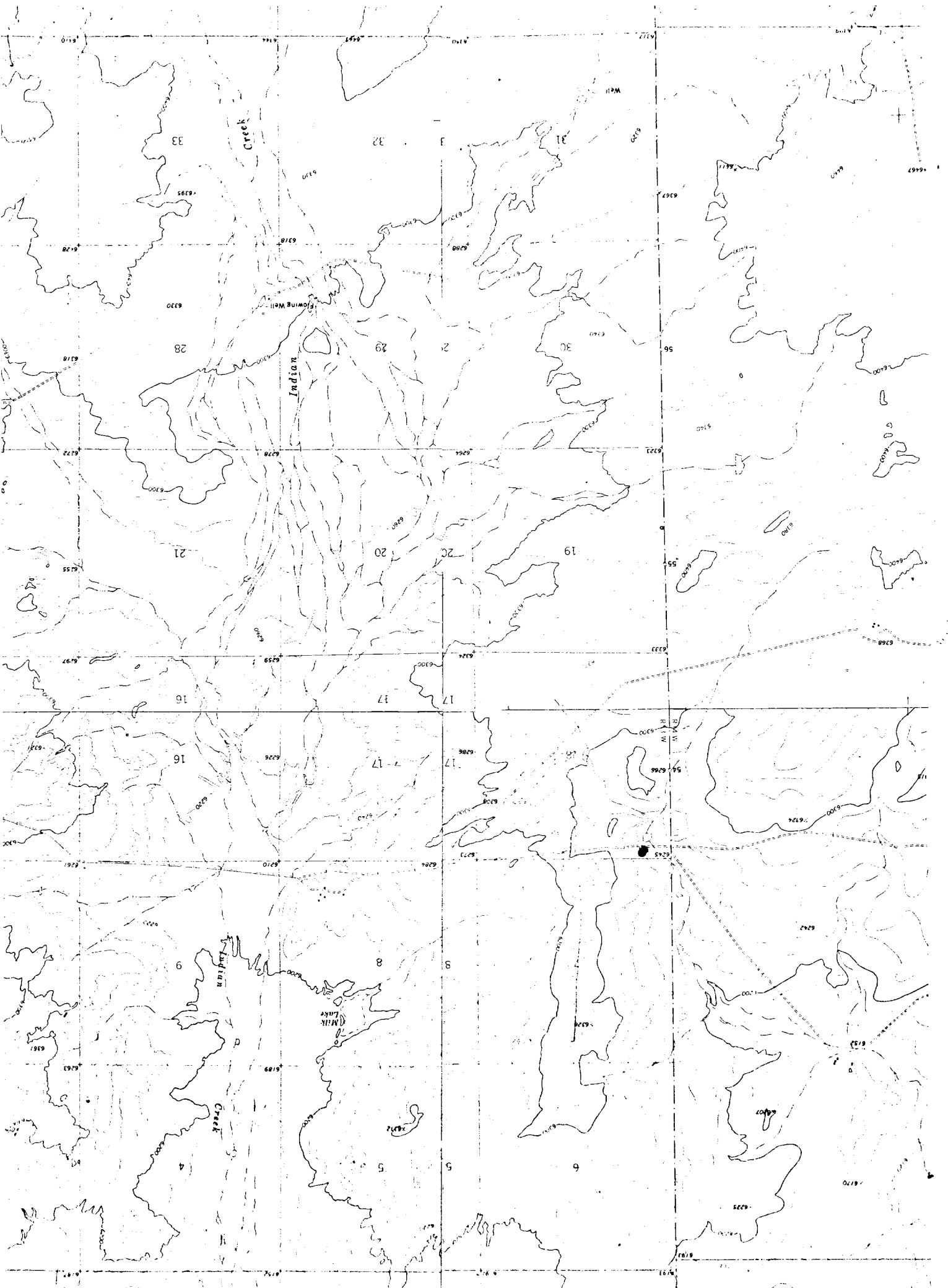
Curtis C. Stocking

Registered Professional Engineer
and/or Land Surveyor

5980 N.Mex. L.S.

Certificate No.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0



James P. Woosley
Box 1227
Cortez, Colorado 81301

United States Geological Survey
Department of the Interior
P.O. Box 959
Farmington, New Mexico 87401

Re: Twelve Point Development
Plan for Surface Use

Gentlemen:

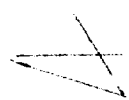
The following twelve point development plan for surface use is submitted in connection with the application to drill and test a well in Section 13 Township 19 North Range 17 West N.M.P.M. in McKinley County New Mexico.

1. We have submitted as a part of the application to drill a plat showing the well location and another plat showing all roads and drainage in the area. No other roads are contemplated.
2. The existing road is a dirt road and any departure therefrom to the drill site will utilize trails and it will be unnecessary to use road graders or tractors for the construction thereof.
3. The location of the proposed well in relation to the other roads in the area is delineated on the second plat which is submitted with the application to drill.
4. Lateral roads will not be necessary
5. We plan to install a temporary small tank at the well site for testing purposes. In the event the well is successfully completed as a commercial producer we will then plan to install a tank battery at some point within the lease and at that time we will submit a new plan for tank battery and gathering line.
6. The drilling operations will be conducted with a rotary rig and small mud pits for the contemplated operations will be required. Water will be hauled for mud no water lines necessary. Water will be used from an existing well on the lease.

7. Trash will be picked up and put in trash pit and burned, then covered at least 2 ft. below ground level, pit well be covered and leveled. If well is dry the location will be reseeded. Cuttings will be circulated to the mud pits and buried later when pits are dry. Drilling fluids will also be buried when dry. Produced oil will be put in storage tanks and produce water, if any will eventually be put back in the ground. Sewage is in a self-contained trailer on the drilling location. Garbage will be in pit shown on location plat.
8. There will be no camp neither permanent nor temporary established.
9. There will be no air strip.
10. The location and layout is shown on the second plat submitted with the Application to drill. The location will not be compacted except to the extent that compaction accrues with normal traffic and use
11. In the event the strata to be tested proves nonproductive the well will be plugged and abandoned and the entire location will be leveled and reseeded. In the event the drilling operation is successful as mentioned in paragraph 5 above a plan will be submitted for the required facilities in connection with the well.
12. The area is generally sandy with gentle rolling hills with some rock ledges on top. There will be no cuts or fills because the area is level. Surface is Navajo allotted land.
13. I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and, that the work associated with the operations proposed herein will be performed by Leonard W. Drilling and Service and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

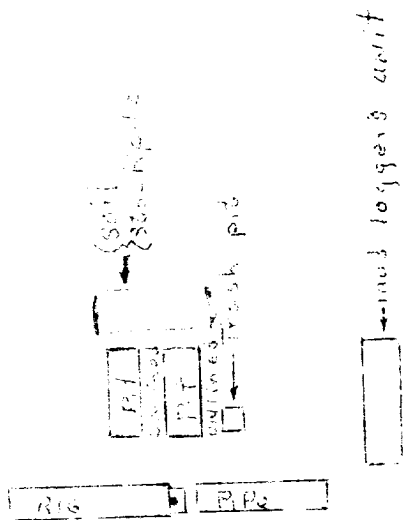
Sept 14, 1978
Date

James P. Hooley
Name and Title



North

1" = 50'



To High Ground Road

existing access road

existing access road

existing access road

SECTION II - A

Surface is in the middle portion of the Mesa Verde SS.

Top of Taspah SS - 1798

Top of Gallup SS - 1970

Oil is anticipated at 980'

water at 1200'

Surface is used pipe; production string will be new 4 $\frac{1}{2}$ ".

We will keep our mud 9.9 lbs to 9.2 lbs to try to minimize any formation damage to any possible production zone it will be a basic gel or bintennitic mud, this will be circulated with 5 $\frac{1}{2}$ " X 10" mud pump down the drill pipe and up the annulus, thru surface pipe, ECF and flow pipe to mud loggers equipment then to pit.

Mud loggers unit and equipment will be used from surface to T. D. Then logged with Density log and Induction Electric log or a Laser.

No abnormal pressures, or temperature are anticipated nor hazard gas.

There will be no cuts and fills since the location is already level.

1000

1000

1000

1000

1000

1000

1000

1000

