

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
M. R. MacCurdy

3. ADDRESS OF OPERATOR
306 Midland National Bank Building, Midland, Texas 79701

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface **1980' FWL & 660' FSL of Section 28**
At proposed prod. zone **1980' FWL & 660' FSL of Section 28**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
15 miles east of Elkins, New Mexico

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
80

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.
4000'

19. PROPOSED DEPTH
4000'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4293 Gr.

22. APPROX. DATE WORK WILL START*

23. PROPOSED CASING AND CEMENTING PROGRAM				
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
11"	8 5/8"	24.0	350	300 sx
7 7/8"	4 1/2"	9.5	4000	250 sx

Tentative Well Program

Drill with native mud to 350'. Set surface casing and circulate cement to surface. Drill with water and native mud to 3450. Estimated top of San Andres @ 2964'. Mud up at 3450 w/9.0#/gal mud, 38 vis and 10 cc or less water loss.

Drill to TD of 4000', and run electric logs.
Run 4 1/2 casing and cement with 250 sx.
Release rotary and complete well with servicing unit.

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 proposed and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

M. R. MacCurdy

TITLE

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

R. L. BECKMA.

APPROVED
JUN 23 1969
THIS APPROVAL IS RESCINDED IF OPERATIONS
ARE NOT COMMENCED WITHIN 3 MONTHS.
EXPIRES SEP 20 1969

DATE

6-17-69

*See Instructions On Reverse Side

30 005-26382

5. LEASE DESIGNATION AND SERIAL NO.
NM-046153

6. INDIAN, ALLOTTEE OR TRIBE NAME
PH 89

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Citgo-Federal

9. WELL NO.
1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 28, T7S, R31E.

12. COUNTY OR PARISH 13. STATE
Chaves N.M.

RECEIVED
JUN 20 1969
U. S. GEOLOGICAL SURVEY
ARTESIA, NEW MEXICO

RECEIVED
JUN 24 1969
JUN 24 1969

O. E. C.
ARTESIA, OFFICE

Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

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.

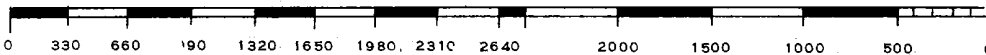
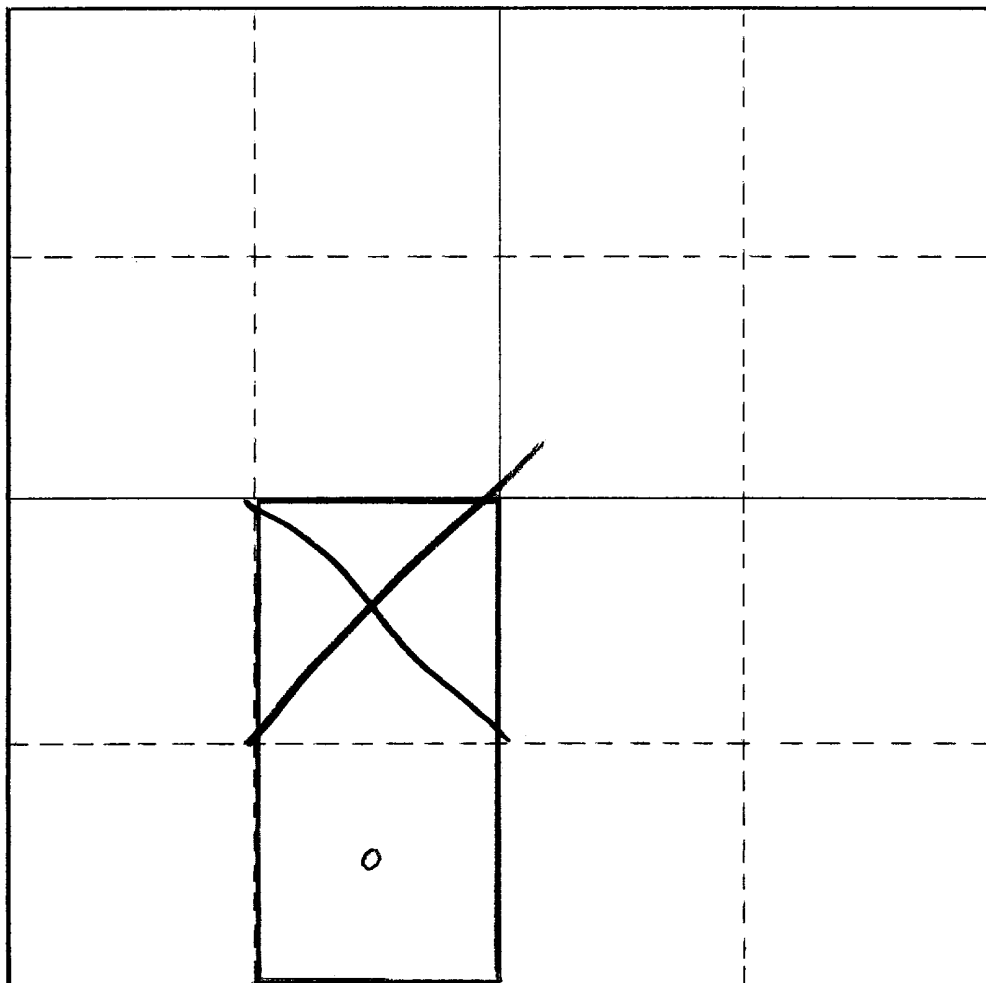
Operator M. R. MacCurdy			Lease Citgo-Federal		Well No. 1
Unit Letter	Section 28	Township 7-S	Range 31-E	County Chaves	
Actual Footage Location of Well: XXXX 660 feet from the South line and 1980 feet from the West line					
Ground Level Elev: 4293	Producing Formation Wildcat	Pool Wildcat	Dedicated Acreage: 20 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure 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.

M R MacCurdy
 Name
Owner

Position
M. R. MacCurdy

Company
June 19, 1969

Date

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.

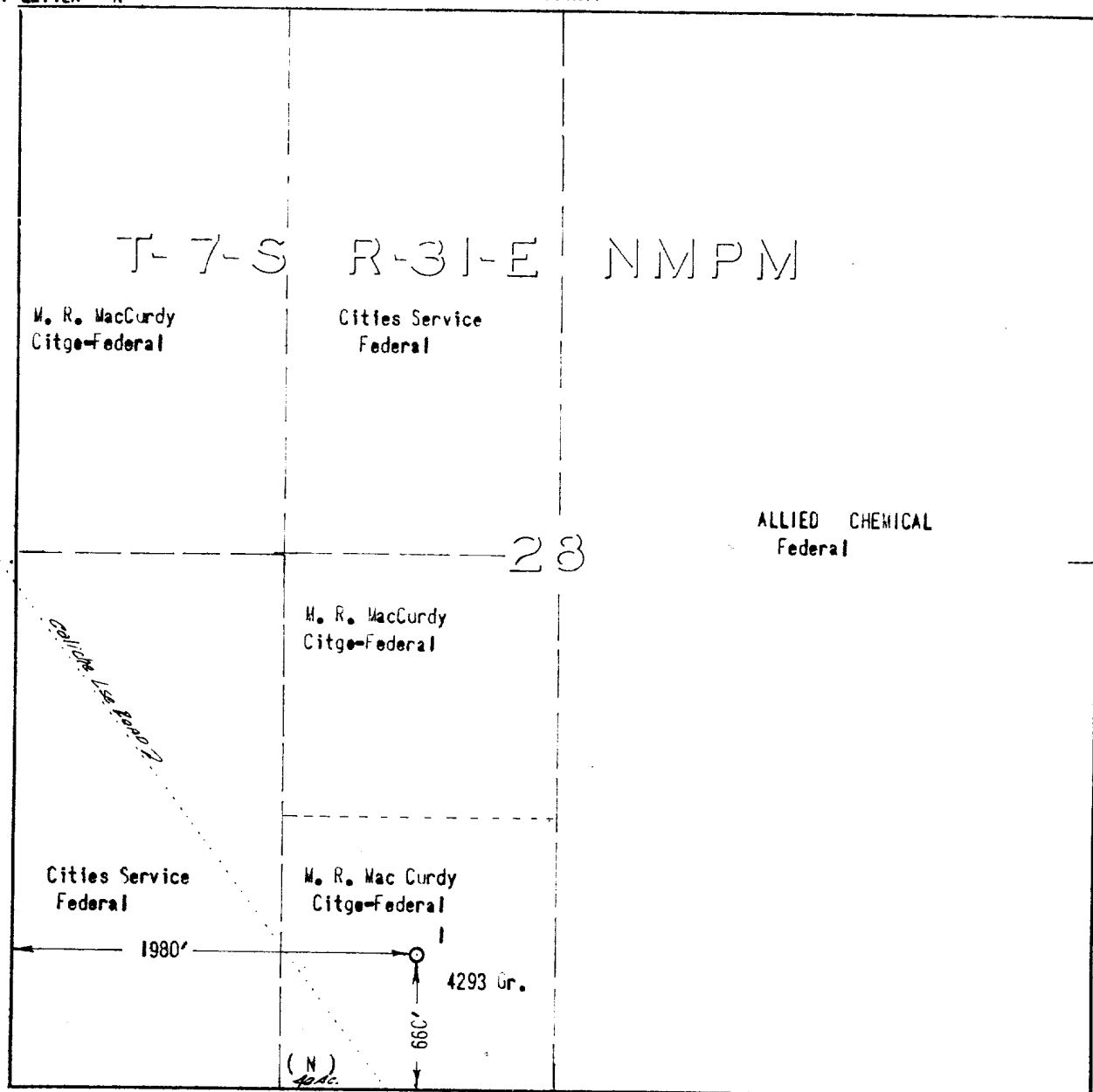
April 26, 1969

Date Surveyed

Registered Professional Engineer
 and/or Land Surveyor

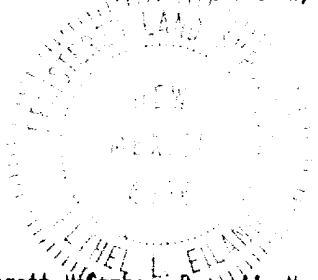
Certificate No.

OPERATOR S. R. MacCurdy Sheet No. _____
LEASE S. Citgo-Federal WELL NO. 1 Date April 26, 1969 Line No. _____
LOCATION S. 1980'/W. & 660'/S. Lines of Section 28, GROUND ELEVATION 4293 Job or AFE No. _____
Sec. 28 Twp. 7-S Range 31-E Survey N. W. P. M. Co. CHAVES State NEW MEXICO
UNIT LETTER N NORTH



This plat to be used for Section — Scale for Sec. 1" = 800';

I hereby certify that this plat was made from notes taken in the field in a bona fide survey made under my supervision, and that the same is true and correct to the best of my belief.



Bethel L. Eiland

Reg. No. 4386

Date April 26, 1969

Surface Owner S. Emmett McCombs, Roswell, New Mexico.

Road Directions to M. R. MacCurdy Well No. 1, Citgo-Federal,
Chaves County, New Mexico.

From Roswell, New Mexico, Go North on U. S. 70 for 5.5 miles to "Y" on U. S. 70 and U. S. 285
Take U. S. 70 NE towards Elida go 26.5 miles to Sign on right (O'Brien Ranch)
Turn East and North Easterly on Graded Road Stay on Main Road for 20.5 miles to Sign on Right (Pan American)
Turn South on Lease Road for 2.7 miles then Turn East Across Pasture for 0.1 mile to Location.

Location in Sandy Ground needs Caliche road and ped.
Approximately 500' of Road to build.