

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

## 1a. TYPE OF WORK

DRILL ☒ Re-enter DEEPEN ☐ PLUG BACK ☐

## b. TYPE OF WELL

OIL WELL ☒ GAS WELL ☐ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

## 2. NAME OF OPERATOR

TENNECO OIL COMPANY

## 3. ADDRESS OF OPERATOR

Suite 1200 Lincoln Tower Bldg., Denver, Colorado

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

At surface

2310' FSL and 1392' FEL

At proposed prod. zone

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

## 15. DISTANCE FROM PROPOSED\*

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

## 16. NO. OF ACRES IN LEASE

902

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

1632

## 20. ROTARY OR CABLE TOOLS

Workover Rig

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

## 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

We propose to re-enter P&A well and complete in the South Hospah Upper Sand as per prognosis attached.

RECEIVED

NOV 29 1968

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

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

*Larry M. Biggs*

TITLE

District Office Supervisor

DATE

11-27-68

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

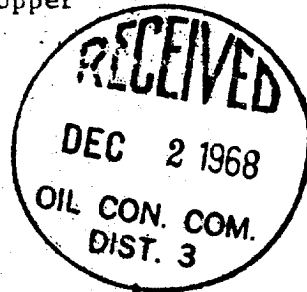
*LM*

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side





# PROGNOSIS FOR RECOMPLETION

October 23, 1968

Well: Hospah A-2

Field: South Hospah

Location: 2310' S., 1392' E., Sec. 12-17N-9W  
McKinley County, New Mexico

Elevation: 7013 GR

TD: 1647

PBTD: 1632

CSG: 4 1/2" 9.5# J-55 @1647' w/60 sxs

PERFS: 1614-24

TBG: None

Present Status: P & A 5-16-66 70 sxs regular cement circulated down annulus. Top of plug @1400'.

## Procedure:

- (1.) MIRU DDPU
- (2.) Pick-up 3 7/8" bit and run on end of 2 3/8" J-55 TBG. Drill-out cement to 1632' using reverse circulating unit.
- (3.) Swab hole dry and pull TBG and bit.
- (4.) Perforate the following w/LJSPF:  
1590-94 (5 shots), 1602-05 (4 shots), 1607-18 (12 shots).
- (5.) Rerun TBG and swab test.
- (6.) If necessary acidize with 1000 gal. mud acid, using ball sealers spaced evenly throughout. Pump acid at maximum rate of single pump truck or to a maximum pressure of 3000#. S. I. for 1 hr.
- (7.) Swab test to determine capacity.
- (8.) Put on production.

