

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

30-045-21607

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

Associated Royalty Company

3. ADDRESS OF OPERATOR

1105 United Bank Center, Denver, Colorado 80202

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

At surface

N 660' FSL and 1980' FWL

At proposed prod. zone

Gallup

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

10 miles North and 4 miles East of Shiprock, N.M.

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any)

660'

18. DISTANCE FROM PROPOSED LOCATION*

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

1320

19. PROPOSED DEPTH

950

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

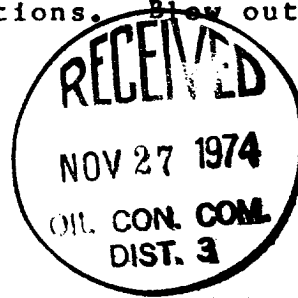
5190 GR

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
9"	7"	23#	50'	15 sks.
6½"	4½"	10.5#	950	150 sks.

Drill to top of Gallup with air. Mud up. Drill Gallup to approximately 950', run and cement 4½" casing to T.D. Perforate producing zone. Treatment of producing zone depends on results of perforating. Run rod and tubing, set pumping unit, put on production. If well is dry will plug and abandon as per USGS instructions. Blow out preventer will be installed and checked daily.



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

I. D. Hicks

(This space for Federal or State office use)

TITLE

Agent

DATE

11-13-74

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form 1-7-1
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section

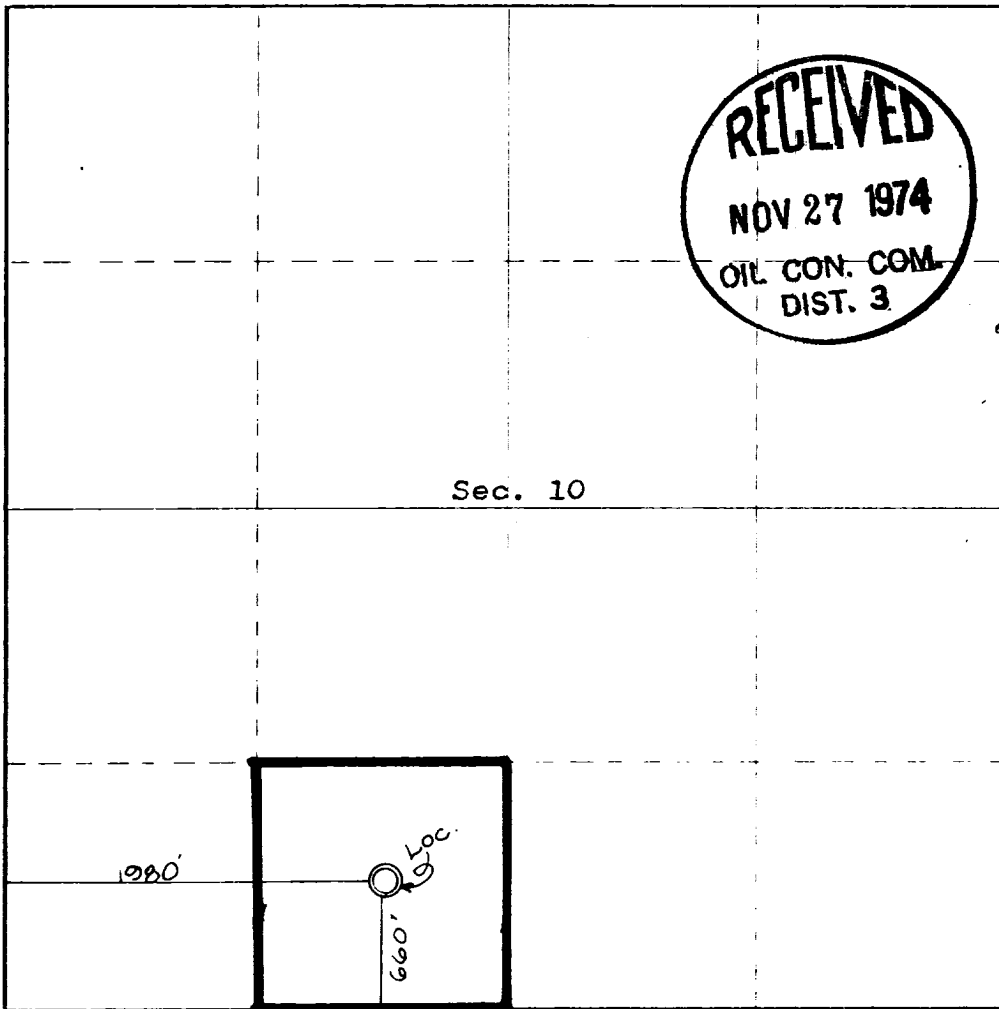
Operator ASSOCIATED ROYALTY COMPANY			Lease NAVAJO "T" Tribe of Indians "F" 145	
Unit Letter N	Section 10	Township 31 NORTH	Range 17 WEST	County SAN JUAN
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 660 feet from the SOUTH line and 1980 feet from the WEST line </div>				
Ground Level Elev. 5190.0	Producing Formation Gallup	Well Horseshoe Gallup RKT	Dedicated Acreage 2560 40 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 I. D. Hicks
Agent
Engr. & Prod. Service, Inc.

Company **Associated Royalty Co.**

Date **11-26-74**

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.

6 November, 1974
JAMES P. LEESE
James P. Leese
1463

