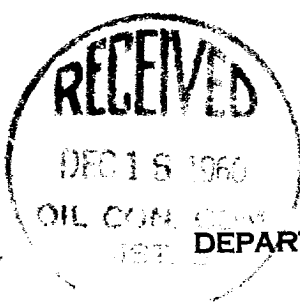


1 Phillips
2 File
T-24N

Budget Bureau No. 42-R355.4.
Approval expires 12-31-60.

U. S. LAND OFFICE **Santa Fe**
SERIAL NUMBER **SF 078724**
LEASE OR PERMIT TO PROSPECT ...

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LOG OF OIL OR GAS WELL

Company Val R. Reese & Associates, Inc. Address Lobby of Simms Bldg, Albuquerque, NM
Lessor or Tract Zamora Field Devils Fork Ext. State New Mexico
Well No. 1-29 Sec. 29 T. 24NR.6W Meridian NMPM County Rio Arriba
Location 660 ft. N. of N Line and 1980 ft. E. of W Line of Section 29 Elevation 6628
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.

Signed Val R. Reese Val R. Reese
Geologist

Date December 12, 1960 Title _____

The summary on this page is for the condition of the well at above date.

The summary on this page is for the condition of the well as of _____.

Commenced drilling -----	11-10	, 19 60	Finished drilling -----	12-2	, 19 60
--------------------------	-------	---------	-------------------------	------	---------

OIL OR GAS SANDS OR ZONES
(Denote gas by G)

No. 1, from 5462 to 5478 (G) No. 4, from _____ to _____
 No. 2, from _____ to _____ No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1 from bar' 10 SS00 bar' 11 SS00 No. 2 from bar' 12 SS00 bar' 13 SS00
No. 2 from bar' 14 SS00 bar' 15 SS00 No. 1 from bar' 16 SS00 bar' 17 SS00

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
8-5/8	24	8 Rd	CP&I	190	Guide	cutting back	5452	5478	Surface
4-1/2	9.5	8 Rd	CP&I	135	Pin	cutting back	5452	5478	Production
2-3/8	4.7	8 Rd	CP&I	5450	Pin	cutting back	5452	5478	Tubing
HISTORIA OF OIL OF CVA METT									
TO: 4200-01 N. 4. JOHNSON'S BANKING OFFICE									

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
8-5/8	202	125	HOWCO		
4-1/2	5579	150	HOWCO		

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from _____ 0 _____ feet to _____ 5585 _____ feet, and from _____ feet to _____ feet.

Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

DATES

December 10, 1960 Put to producing _____, 19_____

The production for the first 24 hours was ----- barrels of fluid of which ----- % was oil; ----- % emulsion; ----- % water; and ----- % sediment. Gravity, °Bé. -----

If gas well, cu. ft. per 24 hours ~~6325 AOF~~ Gallons gasoline per 1,000 cu. ft. of gas -----
 Rock pressure, lbs. per sq. in. ~~SICP 1543~~
~~SPT 1542~~

EMPLOYEES

_____, Driller _____, Driller
_____, Driller **Fleeger Drilling Co.** _____, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1983	1983	Surface
1983	2080	97	Pictured Cliffs
2080	3553	1473	Lewis
3553	4489	936	Mesaverde
4489	5285	796	Mancos
5285	5579 TD	294	Gallup

LOBIANILION BECOBD-COUNCILING

16-43094-4

Form 9-32
July 1932

U.S. GEOLOGICAL SURVEY
DEPARTMENT OF THE INTERIOR
UNITED STATES

LOG OF OIL OR GAS WELL

LOCATE WELL CORRECTLY

Company Name: Associated Oil & Gas Co.
Address: 1000 Broadway, New York, N.Y.
Field: Rocky Mountain
County: Lincoln
Section: 22
T: 34N
R: 10E
Location: 1/2 Sec. 22, T. 34N., R. 10E., 1/4 Line and 1/2 Line of Section 22
Elevation: 4625
The information given herewith is a complete and correct record of the well and all work done thereon so far as can be determined from all available records.
Signed: [Signature]
Date: December 12, 1932
Title: Geologist
The summary on this page is for the condition of the well at above date.
Commenced drilling: 11-10
Finished drilling: 12-10

OIL OR GAS SANDS OR ZONES	
No. 1, from	3400 to 3475 (G)
No. 2, from	to
No. 3, from	to

IMPORTANT WATER SANDS

I. R. 33, 4 BPM. Ran 172 joints 2-3/8" 4.7# 1-55 tubing. TE 5459 feet at 5471'.
and 40,000# sand. BD 3300 psi, TP 2200 psi, standing pressure 1300 psi, Avg.
TD 5579'. Perforated from 5462-5478' W/4 SPI. SWF with 29,020 gals. water
Ran Schlumberger Induction & Sonic log from surface to total depth.

Depth	Weight	Thrust per inch	Make	Amount	Kind of shoe	Oil and pulled from	Remarks
5478'	100	100	HOOD				
5475'	100	100	HOOD				

Notes: 1. Logs or bridges were put in to test for water, state kind of material used, position, and results of pumping or hauling of logs. 2. If logs or bridges were put in the well, give size and location. 3. If the well has been dynamited, give date, size, position, and number of shots. 4. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, state the reason for the work and the results. 5. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, state the reason for the work and the results. 6. Please state in detail the dates of redrilling, together with the reasons for the work and the results. 7. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, state the reason for the work and the results.

HISTORY OF OIL OR GAS WELL			
REMARKS AND CEMENTING RECORD			
From	To	Method used	Kind of cement
5478'	5475'	HOOD	
5475'	5472'	HOOD	
PLUGS AND ADAPTERS			
SHOOTING RECORD			
From	To	Depth	Remarks
5478'	5475'	5478'	
5475'	5472'	5475'	
TOOLS USED			
Rotary tools were used from 5478' to 5475' feet and from 5475' to 5472' feet			
Cable tools were used from 5478' to 5475' feet and from 5475' to 5472' feet			
DATES			
The production for the first 24 hours was 100 barrels of fluid of which 10% was oil; 10% gas; 80% water; and 10% sediment.			
If gas well, on the first 24 hours 100 barrels of gas; 10% water; and 10% sediment.			
Rock pressure, lbs. per sq. in. 1000			
EMPLOYEES			
Driller	Driller	Driller	Driller
FORMATION RECORD			
FROM	TO	TOTAL FEET	FORMATION
5478'	5475'	3'	Gravel
5475'	5472'	3'	Gravel
5472'	5469'	3'	Gravel
5469'	5466'	3'	Gravel
5466'	5463'	3'	Gravel
5463'	5460'	3'	Gravel
5460'	5457'	3'	Gravel
5457'	5454'	3'	Gravel
5454'	5451'	3'	Gravel
5451'	5448'	3'	Gravel
5448'	5445'	3'	Gravel
5445'	5442'	3'	Gravel
5442'	5439'	3'	Gravel
5439'	5436'	3'	Gravel
5436'	5433'	3'	Gravel
5433'	5430'	3'	Gravel
5430'	5427'	3'	Gravel
5427'	5424'	3'	Gravel
5424'	5421'	3'	Gravel
5421'	5418'	3'	Gravel
5418'	5415'	3'	Gravel
5415'	5412'	3'	Gravel
5412'	5409'	3'	Gravel
5409'	5406'	3'	Gravel
5406'	5403'	3'	Gravel
5403'	5399'	4'	Gravel