



AREA 640 ACRES  
LOCATE WELL CORRECTLY

# NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

HOBBBS OFFICE 000

## WELL RECORD

AM 7:27

Mail to District Office, Oil Conservation Commission, to which Form C-101 was sent not later than twenty days after completion of well. Follow instructions in Rules and Regulations of the Commission. Submit in QUINTUPLICATE. If State Land submit 6 Copies

American Trading and Production Corporation State of New Mexico  
(Company or Operator) (Lease)  
Well No. 1-22, in SE  $\frac{1}{4}$  of SE  $\frac{1}{4}$  of Sec. 22, T. 12-S, R. 34-E, NMPM.  
Ranger Lake (Penn) Pool, Lea County.  
Well is 555 feet from South line and 555 feet from East line  
of Section 22. If State Land the Oil and Gas Lease No. is OG-5369  
Drilling Commenced November 29, 19 59 Drilling was Completed January 10, 19 60  
Name of Drilling Contractor A. W. Thompson  
Address Drawer 992, Odessa, Texas.  
Elevation above sea level at Top of Tubing Head 4153 The information given is to be kept confidential until  
\_\_\_\_\_, 19\_\_\_\_.

### OIL SANDS OR ZONES

No. 1, from 10286' to 10314' No. 4, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from 10330' to 10343' No. 5, from \_\_\_\_\_ to \_\_\_\_\_  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

### IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet.  
No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet.

### CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
13 3/8"	48#	New	372'	Open end			Surface
8 5/8"	32#	New	4260'	Float			Intermediate
5 1/2"	20, 15.5, 17	New	10410'	Float		10286'-10314'	Oil String
						10330'-10343'	
						10364'-10370'	

### MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17 1/2"	13 3/8"	372'	350	Pump & Plug		
11"	8 5/8"	4260'	900	Pump & Plug		
7 7/8"	5 1/2"	10410'	288	Pump & Plug		

### RECORD OF PRODUCTION AND STIMULATION

(Record the Process used, No. of Qts. or Gals. used, interval treated or shot.)

Perf 10364'-10370', acidized with 500 gallons. Set C. I. Bridge plug at 10360'.  
Perf 10286'-10314', 10330'-10343', Acidized with 500 gallons mud acid. Swab tested  
49 BO per day. Acidized with 30,000 gallons Dole Frac, 1500 gallons Spearhead acid,  
200# Moth balls.  
Result of Production Stimulation 10364'-10370' swabbed dry. 10386'-10314', 10330'-10343' swab  
tested 75 BO and 75 BW in 24 hours. Fluid level at 5000'. Installed Kobe pump,  
Tested 104.5 BO and 130 BW in 13 hours. Depth Cleaned Out 10360'

If drill-stem or other special tests or deviation surveys were made, submit report on separate sheet and attach hereto

Rotary tools were used from 0 feet to 10410' feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.  
Cable tools were used from \_\_\_\_\_ feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet.

Put to Producing..... **February 19,**....., 19 **60**.....

OIL WELL: The production during the first 24 hours was.....**362**.....barrels of liquid of which.....**46.5**.....% was  
was oil; .....% was emulsion; .....**53.5**.....% water; and.....**0**.....% was sediment. A.P.I.  
Gravity.....**40° API**.....

GAS WELL: The production during the first 24 hours was.....M.C.F. plus.....barrels of liquid Hydrocarbon. Shut in Pressure.....lbs.

Length of Time Shut in.....

**PLEASE INDICATE BELOW FORMATION TOPS (IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE):**

### Southeastern New Mexico

## Northwestern New Mexico

T. Anhy.....	1977	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....	2110	T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....	2590	T. Montoya.....	T. Farmington.....
T. Yates.....	2820	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....		T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....		T. Gr. Wash.....	T. Mancos.....
T. San Andres.....	4186	T. Granite.....	T. Dakota.....
T. Glorieta.....	5615	T. ....	T. Morrison.....
T. Drinkard.....		T. ....	T. Penn.....
T. Tubbs.....	7034	T. ....	T. ....
T. Abo.....	7770	T. ....	T. ....
T. <del>Perm</del> Rgr. Pay.....	10278	T. ....	T. ....
T. <del>Perm</del> Total Depth.....	10410	T. ....	T. ....

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	65	65'	Surface sands & gravels.				
65	1977	1912'	Redbeds.				
1977	2820	843'	Anhydrite & Salt.				
2820	4166	1346'	Sand, Anhydrite & Redbeds.				
4166	5615	1449'	Dolomite.				
5615	5723	108'	Sandy lime and shale.				
5723	7034	1311'	Lime and shale.				
7034	7165	131'	Sand, salt and shale.				
7165	7770	605'	Lime, Dolomite and shale.				
7770	8700	930'	Anhydrite, salt, shale & lime.				
8700	10278	1578'	Interbedded dolomite, lime and shale.				
10278	10410	132'	Dolomite, lime and shale with black chert in bottom, 50' interbedded with brown lime.				

ATTACH SEPARATE SHEET IF ADDITIONAL SPACE IS NEEDED

I hereby swear or affirm that the information given herewith is a complete and correct record of the well and all work done on it so far as can be determined from available records.

**February 26, 1960**

.....  
(Date)

Company or Operator American Trading and Prod. Corp. Address P. O. Drawer 992, Midland, Texas.  
Name Bill Graham Position \_\_\_\_\_ Title Area Engineer

Attachment Form C-105  
Well 1-22 State of New Mexico  
American Trading and Production Corporation

DRILL STEM TESTS

DST No. 1: 10,241'-10,313', open 2 1/2 hours. Gas to surface 2 1/2 hours. Quantity too small to measure. Recovered 180' gas cut mud with a trace of oil. Flowing pressure 75-115 psi, 30 minute initial shut in pressure 3205 psi, 30 minute final shut in pressure 640 psi.

DST No. 2: 10,313'-10,375', open 2 hours. No gas to surface. Recovered 25' slightly gas cut mud. Flowing pressure 70 psi, 30 minute initial shut in pressure 585 psi, 30 minute final shut in pressure 70 psi.

1. The first part of the report is a general introduction to the subject of the study. It discusses the importance of the study and the objectives of the research.

2. The second part of the report is a detailed description of the methodology used in the study. It includes information about the sample size, the data collection methods, and the statistical analysis techniques.

3. The third part of the report is a discussion of the results of the study. It compares the findings with the previous research and discusses the implications of the study.