

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

JAN 28 1954

OIL CONSERVATION COMMISSION

HOBBS OFFICE

DUPLICATE

03

AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

Republic Natural Gas Company, et al
(Company or Operator)White Ranch
(Lease)

Well No. 3, in SW 1/4 of SW 1/4, of Sec. 34, T. 11-S, R. 29-E, NMPM.

White Ranch Siluro-Devonian Pool, Chaves County.

Well is 990 feet from South line and 660 feet from West line

of Section 34. If State Land the Oil and Gas Lease No. is None.

Drilling Commenced 11-12, 1953. Drilling was Completed 1-20, 1954.

Name of Drilling Contractor Trinity Drilling Company

Address Dallas, Texas

Elevation above sea level at Top of Tubing Head 3789 KB. The information given is to be kept confidential until Not confidential, 19.

OIL SANDS OR ZONES

No. 1, from 8742 to 8758 No. 4, from to

No. 2, from to 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 None Noted 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	62	Bevel	None	None	Surface Casing
8-5/8	32	New	2134	Rector Orif.	None	290-291'	Squeeze top of Csg.
5-1/2	15-1/2, 17, 20	New	8762	Float	None	8743-8750'	Production Csg.
2-3/8	4.70	New	8748	Packer	None	6' on Btm.	Tubing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
17-1/2	13-3/8	76	60 Sax Admix	Pump & Plug	9	Full Circulation
11	8-5/8	2146	1075 sax admix	Pump & Plug	9.6	Full Circulation
7-7/8	5-1/2	8773	125 sax admix	Pump & Plug	9.8	Full Circulation

RECORD OF PRODUCTION AND STIMULATION

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

The Siluro-Devonian zone was acidized with 250 gallons mud acid by Dowell Inc. through perforation 8743 - 8750'

Result of Production Stimulation. Well produced 73.20 barrels oil in 5 hours through a 13/64" choke for a calculated 351.36 barrels oil in 24 hours.

Depth Cleaned Out

FOURTH ORDER OF DRILL-STEM AND SPECIAL TESTS

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

TOOLS USED

Rotary tools were used from 1000 feet to 5714 feet, and from _____ feet to _____ feet.
Cable tools were used from 1000 feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing January 4, 1954

OIL WELL: The production during the first 24 hours was 331.36 barrels of liquid of which 1.0 % was oil; 0 % was emulsion; 0 % water; and 0 % was sediment. A.P.I. Gravity 57.7

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

Northwestern New Mexico	
T. Anhy..... 210	T. Devonian..... 742
T. Salt.....	T. Silurian.....
B. Salt.....	T. Montoya.....
T. Yates..... 255	T. Simpson.....
T. 7 Rivers.....	T. McKee.....
T. Queen..... 1465	T. Ellenburger.....
T. Grayburg.....	T. Gr. Wash.....
T. San Andres..... 2112	T. Granite.....
T. Glorieta..... 3449	T.
T. Drinkard.....	T.
T. Tubbs..... 4222	T.
T. Abo..... 5692	T.
T. Penn..... 7262	T.
T. Miss..... 7150	T.
	T. Ojo Alamo.....
	T. Kirtland-Fruitland.....
	T. Farmington.....
	T. Pictured Cliffs.....
	T. Menefee.....
	T. Point Lookout.....
	T. Mancos.....
	T. Dakota.....
	T. Morrison.....
	T. Penn.....
	T.
	T.
	T.
	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	11	11'	Red sh. & br				
11	185	573'	Anhydrite & salt				
185	1865	600'	Red sh. & salt				
1865	2113	508'	Anhydrite & red sh.				
2113	2349	1236'	Calomite				
2349	2485	50'	Sand				
2485	2692	1,777'	Cal., Red sh. & Anhydrite				
2692	3032	150'	Sand				
3032	3692	670'	Anhydrite Cal. & Red sh.				
3692	4030	338'	Red & Green sh.				
4030	4673	943'	Calomite				
4673	5064	391'	ls. & gray sh.				
5064	5230	80'	Limestone				
5230	5710	479'	Limestone & Shurt				
5710	5742	32'	Gray sh.				
5742	5774	32'	Calomite				
			(all saturated)				
			(5742 - 5810)				

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.

SECRET

Equile Internal Bus Co.

Q 15. When: 020

.....
(Date)

Company or Operator.....

Address

Name 1. F. Kelly

Position or Title.....