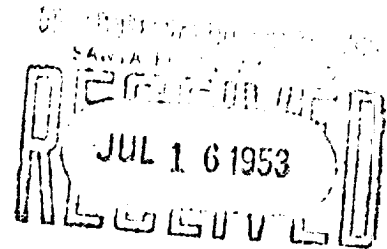


JULY 14, 1953



NEW MEXICO OIL CONSERVATION COMMISSION
P. O. BOX 871
SANTA FE, NEW MEXICO

ATTN: E. A. CHAVEZ

GENTLEMEN:

THE FOLLOWING IS A LIST OF DRILL STEM TESTS RUN ON
THE SHAMROCK OIL AND GAS CORPORATION'S #1 A. MACARTHUR, MORA
COUNTY, NEW MEXICO:

- DST #1: 1132-1161: TOOL OPEN 45 MINUTES. WEAK BLOW FOR 45 MINUTES AND DIED. RECOVERED 5' OF DRILLING MUD, FP: 0#, 15 MINUTES SIBHP: 250#, HH: 550#.
- DST #2: 1171 - 1224: MIS-RUN.
- DST #3: 1169-1224: TOOL OPEN 1 HOUR, STRONG BLOW FOR 7 MINUTES, WEAK BLOW FOR 20 MINUTES AND DIED. RECOVERED 365' OF DRILLING MUD, FP: 0#, 30 MINUTES SIBHP: 250#, HH: 600#.
- DST #4: 1168-1285: TOOL OPEN FOR 1 HOUR AND 30 MINUTES. STRONG TO WEAK BLOW WHICH GRADUALLY DIED AFTER 90 MINUTES. RECOVERED 120' DRILLING MUD, FP: 0#, 15 MINUTES SIBHP: 250#, HH: 600#.
- DST #5: 1372-1388: TOOL OPEN FOR 30 MINUTES. WEAK BLOW FOR 15 MINUTES AND DIED. RECOVERED 10' OF DRILLING MUD, FP: 0#, 15 MINUTES SIBHP: 0#, HH: 700#.
- DST #6: 1622-1655: TOOL OPEN FOR 45 MINUTES. WEAK BLOW FOR 34 MINUTES AND DIED. RECOVERED 15' OF DRILLING MUD, FP: 0#, 15 MINUTES SIBHP: 0#, HH: 750#.
- DST: #7: 1725-1740: TOOL OPEN FOR 45 MINUTES. WEAK BLOW FOR 33 MINUTES AND DIED. RECOVERED 8' OF DRILLING MUD, FP: 0#, 15 MINUTES SIBHP: 0#, HH: 800#.
- DST #8: 2194-2205: TOOL OPEN FOR 30 MINUTES. VERY WEAK BLOW FOR 5 MINUTES AND DIED. RECOVERED 4' OF DRILLING MUD. FP: 0#, 15 MINUTES SIBHP: 0#, HH: 1100#.
- DST #9: 2320-2432: PACKER FAILED TO HOLD. MIS-RUN.

E. A. CHAVEZ

PAGE No. 2 CONTINUED

DST #10: 2197-2432: MIS-RUN.

DST #11: 2197-2432: TOOL OPEN FOR 30 MINUTES. ^VVERY WEAK
BLOW FOR 5 MINUTES. BY-PASSED TOOL, VERY WEAK
BLOW FOR 12 MINUTES. RECOVERED 4' OF DRILLING MUD.
FP: 0#, 15 MINUTES SIBHP: 0#, HH: 1100#.

DST #12: 2768-2823: TOOL OPEN 45 MINUTES. VERY WEAK BLOW FOR
37 MINUTES. RECOVERED 5' OF DRILLING MUD. FP: 0#, 15
MINUTES SIBHP: 25#, HH: 1350#.

IF THERE IS ANY OTHER INFORMATION THAT YOU WOULD LIKE TO HAVE
CONCERNING THIS WELL PLEASE FEEL FREE TO CALL ON US.

VERY TRULY YOURS,

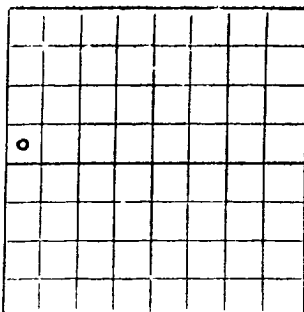


WILLIAM E. VICK

WEV:FWM

CC: BILL ZAKIS
832 NORTH 1ST. STREET
RATON, NEW MEXICO.

M.

(Revised 7/1/55)
(Form C-105)AREA 640 ACRES
LOCATE WELL CORRECTLYNEW MEXICO OIL CONSERVATION COMMISSION
Santa Fe, New Mexico

WELL RECORD

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.

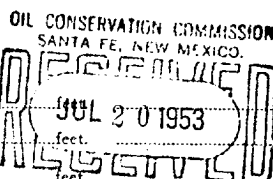
The Shamrock Oil and Gas Corporation
(Company or Operator)A. MacArthur Company
(Lease)Well No. 1, in SW $\frac{1}{4}$ of NW $\frac{1}{4}$, of Sec. 12, T. 19N, R. 21E, NMPM.Wildcat Pool, Mora County.Well is 330 feet from West line and 2,310 feet from North lineof Section 12. If State Land the Oil and Gas Lease No. is —Drilling Commenced May 4, 1953. Drilling was Completed July 2, 1953.Name of Drilling Contractor Wagner & Wyant Drilling CompanyAddress Amarillo, TexasElevation above sea level at Top of Tubing Head 6,470.20' (Ground). The information given is to be kept confidential untilNot confidential, 1953.

OIL SANDS OR ZONES

No. 1, from None Encountered to — 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 Encountered to —No. 2, from — to —No. 3, from — to —No. 4, from — to —

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
12 1/2" OD	54#	Used	307'	Guide Shoe	Left in Well	—	Protect Surface Sands.

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 1/4"	12 1/2" OD	307'	225	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

No. production Result of Production Stimulation Depth Cleaned Out

RECORD 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 0 feet to 3,240 feet, and from feet to feet.
Cable tools were used from Not Used feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Dry Hole, 19.

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

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.	T. Devonian.	T. Ojo Alamo.
T. Salt.	T. Silurian.	T. Kirtland-Fruitland.
B. Salt.	T. Montoya.	T. Farmington.
T. Yates.	T. Simpson.	T. Pictured Cliffs.
T. 7 Rivers.	T. McKee.	T. Menefee.
T. Queen.	T. Ellenburger.	T. Point Lookout.
T. Grayburg.	T. Gr. Wash. 2,195'	T. Mancos.
T. San Andres.	T. Granite. 3,208'	T. Dakota.
T. Glorieta. 1,135'	T.	T. Morrison.
T. Drinkard.	T.	T. Penn.
T. Tubbs.	T.	T.
T. Abo.	T.	T.
T. Penn.	T.	T.
T. Miss.	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	425	424	Sand				
425	720	295	Red Shale				
720	850	130	Sand				
850	1,133	283	Red Shale				
1,133	1,280	147	Sand				
1,280	1,345	65	Red Shale				
1,345	1,910	535	Sand				
1,910	2,080	170	Sandy Shale				
2,080	2,195	115	Slightly Sandy Vari-colored Shale				
2,195	3,203	1,013	Granite Wash				
3,208	3,240	32	Pink Granite				

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.

Signature: Dan P. Long Date: July 9, 1953
Company or Operator: The Shamrock Oil and Gas Corp. Address: Box 631, Amarillo, Texas
Name: Dan P. Long Position or Title: Superintendent of Production & Transmission