

NEW 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.

AREA 640 ACRES
LOCATE WELL CORRECTLY

Markham, Cone & Keldern

(Company or Operator)

Subanks

(Lease)

Well No. 3, in NE 1/4 of SW 1/4, of Sec. 14, T-21-S, R-37-E, NMPM.

Undesignated

Pool,

Lea

County.

Well is 1980 feet from South line and 1830 feet from West line

of Section 14. If State Land the Oil and Gas Lease No. is

Drilling Commenced November 11, 1952 Drilling was Completed December 17, 1952

Name of Drilling Contractor Livermore Drilling Company

Address 1206 Lubbock National Bank Bldg.--Lubbock, Texas

Elevation above sea level at Top of Tubing Head 3414 feet The information given is to be kept confidential until

Not confidential, 19 Derrick Floor Elevation 3424 feet.

OIL SANDS OR ZONES

No. 1, from 6443 to 6635 (Drinkard) No. 4, from to

No. 2, from 6850 to 7340 (Abo) 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	237	Texas Pattern			Conductor
8 5/8"	32 & 36 #	N & SH	2847	Guide - Baker			Intermediate
5 1/2"	15.5 #	New	6842	Guide - Baker			Oil
2 3/8"	4.7	Tubing	7335'	w/ hookw all casing packer set = 6680'			

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	249	200	Pump & Plug		
11 "	8 5/8	2857	1600	Pump & Plug	(1200 sax 6 1/2 gel & 200 sax neat cement)	
7 3/4"	5 1/2	6852	600	Pump & Plug		

RECORD OF PRODUCTION AND STIMULATION

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

(1). Washed open hole 6852 - 7342 ' with 2000 gallons 15% LST acid. After recovering load, swabbed 6 BOPH. (2). Treated 6852 - 7342' with 7500 gallons 15% LST acid. After recovering load, well flowed 14 BOPH for 6 hrs. Flowing tubing pressure 175 psi.

Result of Production Stimulation See above

Depth Cleaned Out 7342

CORD OF DRILL-STEM AND SPECIAL

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 Surface feet to 7525 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing December 23, 1952
OIL WELL: The production during the first 24 hours was 203 barrels of liquid of which 92.8% was oil; 0.0% was emulsion; 0.0% was water; and 0.2% was sediment. A.P.I. Gravity 41.5° API * based on flow 169 barrels in 20 hrs. GOR 1330.
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	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	T. total depth 7525	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	5000	5000	No samples taken	7493	7342	151	plugged back with cement.
5000	6545	545	Dolomite & Lime				
6545	6635	90	oil bearing dolomite with streaks dense lime (Drinkard oil pay)				
6635	6850	215	Dolomite & lime with thin shale streaks.				
6850	7340	490	Dolomite & lime with thin shale streaks and scattered minor shows porosity and oil. (Abo)				
7340	7462	122	Dolomite & lime with thin shale streaks.				
7462	7500	38	Detrital				
7500	7525	25	Basement (Granitic) rocks				
TD	7525						

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.

December 26, 1952 (Date)
Company or Operator Markham, Cone & Redfern Address First Nat'l Bldg., Lubbock, Texas
Name L. O. Storm Position or Title Engineer