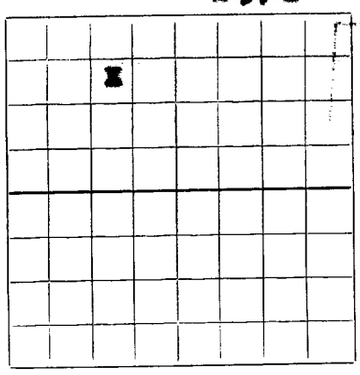
N. R-37-E

(Revised 7/1/52)
(Form C-105)



AREA 640 ACRES
LOCATE WELL CORRECTLY

DUPLICATE

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.

Shell Oil Company (Company or Operator) State (Lease)

Well No. 15, in Lot 11 ¼ of ¼, of Sec. 2, T. 21-S, R. 37-E, NMPM.

Bronson Pool, Lea County.

Well is 2346 feet from North line and 1650 feet from West line of Section 2. If State Land the Oil and Gas Lease No. is E-1177

Drilling Commenced 6-6, 19 52 Drilling was Completed 7-23-, 19 52

Name of Drilling Contractor Rowan

Address -

Elevation above sea level at Top of Tubing Head 3418 The information given is to be kept confidential until Not confidential, 19

OIL SANDS OR ZONES

No. 1, from 8009 to 8130 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 -- 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"	29.3#	N	210'				Water string
8 5/8"	32#	N	3156'	Baker			Soil string
5 1/2"	17# 15.5#	N	8083'	Lockin			Oil string
2 3/8"	4.7#	N	8147'	Hung @ 8134'.		8128 - 8112	Tubing string

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"	13 3/8"	222'	290	Pump & Plug		
11"	8 5/8"	3148'	1650	" "		
7 7/8"	5 1/2"	8010'	870	" "		
	Liner					

RECORD OF PRODUCTION AND STIMULATION

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

Treated open hole from 8010 feet to 8147 feet with 500 gallons mud acid.

Result of Production Stimulation Swabbed 47 barrels oil and acid load in 2 hours.

Well kicked off & flowed.

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 8147 feet, and from ..... feet to ..... feet.
Cable tools were used from ..... feet to ..... feet, and from ..... feet to ..... feet.

PRODUCTION

Put to Producing 8-1, 1952

OIL WELL: The production during the first 24 hours was 250.75 barrels of liquid of which 99.8 % was was oil; - % was emulsion; - % water; and 0.2 % was sediment. A.P.I. Gravity 45.5° 141 000 997

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 7635 (-4133)	T. Menefee
T. Queen	T. Ellenburger Lime 7773 (-4271)	T. Point Lookout
T. Grayburg	T. Gr. Wash 8130 (-4628)	T. Mancos
T. San Andres	T. Granite 8145 (-4643)	T. Dakota
T. Glorieta 5333 (-1831)	T. Clay Fock 5766 (-2264)	T. Morrison
T. Drinkard 6648 (-3146)	T. Fusulina/Simpson 7526 (-4024) Contact	T. Penn
T. Tubbs 6280 (-2778)	T.	T.
T. Abo 6925 (-3423)	T. Ellenburger Dolomite 8009 (-4507)	
T. Penn	T.	T.
T. Miss	T.	T.

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	5750	5750	No samples taken				
5750	6925	1175	Dolomite				
6925	7090	165	Lime & Dolomite				
7090	7520	430	Dolomite				
7520	7630	110	Shale & Lime				
7630	7810	180	Sand & Shale				
7810	7920	110	Shale, Sand & Lime				
7920	7965	45	Sand & Lime				
7965	8010	45	Lime				
8010	8130	120	Dolomite				
8130	8145	15	Granite Wash				
8145	8147	2	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.

August 7, 1952
(Date)

Company or Operator Shell Oil Company Address Box 1957, Hobbs, New Mexico

Name J. D. Savage J. D. SAVAGE Position or Title Division Exploitation Engineer

DST #1: 5760 - 5955' (195' Blinebry Dolomite). Tool open 30 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Very weak air blow throughout test. Recovered 270' (1.22 barrels) slightly oil cut mud. FBHP - 200 psi. 15 minute SIBHP - 1050 psi. HHH - 2900 psi. Positive Test.

DST #2: 6250 - 6530' (280' Tubb Dolomite). Tool open 45 min. thru 5/8" BC & 1" TC on 3 1/2" DS. Strong blow immediately. Gas to surface in 9 minutes. Flowed dry gas @ rate of 110 MCF/day. Recovered 180' (1.26 barrels) slightly oil and gas cut mud & 930' (6.51 barrels) gas cut mud. (Approximately 300' mud by-passed packers when packers were pulled loose and reset prior to taking SIBHP). FBHP - 300 psi. 15 minute SIBHP - 1000 psi. HHH - 3250 psi. Positive Test.

DST #3: 6600 - 6720' (120' Drinkard Dolomite). Tool open 45 minutes thru 5/8" BC & 1" TC on 3 1/2" DS. Weak air blow immediately which died in 10 minutes. Recovered 45' (0.2 barrels) drilling mud with no shows. FBHP - 0 psi. 15 min. SIBHP - 0 psi. HHH - 3650 psi. Positive Test.

DST #4: 7060 - 7400' (340' Abo Dolomite). Tool open 3 1/4 hours thru 5/8" BC & 1" TC on 3 1/2" DS. Immediate weak blow increasing to strong blow in 15 minutes. Gas to surface in 1 1/4 hours. Blow remained steady throughout test. Recovered 350' (2.6 barrels) oil and gas cut mud (estimated 15% oil). FBHP - 175 psi. 15 minute SIBHP - 625 psi. HHH - 3725 psi. Positive Test.