

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. If State Land submit 6 Copies

AREA 640 ACRES
LOCATE WELL CORRECTLY

JAL OIL COMPANY, INC.

HARNER

(Company or Operator)

(Lease)

Well No. 2 in NW SE 20 25S 37E, T. 25S, R. 37E, NMPM.
Langlois-Hattix LeePool, East 1905 1900 South County.Well is 20 feet from East line and 1905 feet from South lineof Section 20. If State Land the Oil and Gas Lease No. is May 6, 1959Drilling Commenced May 6, 1959, 19 May 29, 1959 Drilling was Completed May 29, 1959, 19 May 29, 1959Name of Drilling Contractor Company toolsAddress 3047.5Elevation above sea level at Top of Tubing Head 3047.5 The information given is to be kept confidential untilMay 29, 1959, 19 May 29, 1959

OIL SANDS OR ZONES

No. 1, from 3210 to 3220 No. 4, from 3397 to 3402No. 2, from 3260 to 3274 No. 5, from 3348 to 3351No. 3, from 3348 to 3351 No. 6, from 3397 to 3402

IMPORTANT WATER SANDS

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

No. 1, from 3210 to 3220 feet.No. 2, from 3260 to 3274 feet.No. 3, from 3348 to 3351 feet.No. 4, from 3397 to 3402 feet.

CASING RECORD

SIZE	WEIGHT PER FOOT	NEW OR USED	AMOUNT	KIND OF SHOE	CUT AND PULLED FROM	PERFORATIONS	PURPOSE
<u>9 5/8"</u>	<u>36#</u>	<u>NEW</u>	<u>308'</u>	<u>HONCO</u>			<u>Surface Pipe</u>
<u>7"</u>	<u>23#</u>	<u>NEW</u>	<u>3434'</u>	<u>HONCO</u>			<u>Oil String</u>

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
<u>12 3/4"</u>	<u>9 5/8"</u>	<u>308'</u>	<u>300 BAG</u>	<u>HONCO</u>		
<u>8 3/4"</u>	<u>7"</u>	<u>3444'</u>	<u>300 BAG</u>	<u>HONCO</u>	<u>200 BAG @ shoe</u>	
					<u>100 BAG @ D.V. Tool @ 150'</u>	

RECORD OF PRODUCTION AND STIMULATION

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

Logged well - Perforated 3210' to 3220' - 3260' to 3274' - 3348' to 3351' - 3397' to 3402'Sand-frac with 30,660 gals. frac oil and 49,000# of sandAcidize with 1000 gals. frac oil and Sand-frac with 20,000 gals. and 25,000# sandResult of Production Stimulation 30 barrels of fluid per hour, 10% oil, 90% water.

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 3444 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing June 24, 1959

OIL WELL: The production during the first 24 hours was 720 barrels of liquid of which 10% was
was oil; % was emulsion; 90% water; and % was sediment. A.P.I.
Gravity 28°

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):

Southwestern New Mexico		Northwestern New Mexico
T. Anhy. 980'	T. Devonian	T. Ojo Alamo
T. Salt 1220'	T. Silurian	T. Kirtland-Fruitland
B. Salt 2497'	T. Montoya	T. Farmington
T. Yates 2650'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers 2800'	T. McKee	T. Menefee
T. Queen 3236'	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres	T. Granite	T. Dakota
T. Glorieta	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	980	980	Redbed				
980	1220	240	Anhydrite				
1220	1390	170	Anh-Salt				
1390	2570	1180	Anhydrite-salt-line				
2570	2642	72	Anhydrite-Line				
2642	2727	85	Line				
2727	3129	402	Line and Sand				
3129	3441	312	Line and Dolomite				

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.

July 15, 1959 (Date)
Company or Operator Jal Oil Company, Inc. Address Drawer 2, Jal, New Mexico
Name J. E. Ellis Position or Title Production Superintendent