

R. OLSEN OIL COMPANY
BOX 691
JAL, NEW MEXICO

September 15, 1954

Mr. A. L. Porter, Jr.
Oil Conservation Commission
P. O. Box 2045
Hobbs, New Mexico

Dear Sir:

Pursuant to Rule No. 18, Order R-520, we hand you herewith data in duplicate on the R. Olsen Oil Company's Calley #1 well.

We wish to call your attention at this time to the fact that it is our intention to set a Bridge Plug in this well in such a manner that the lower Seven Rivers and Queen formations will be sealed off from the Yates. It is anticipated that this work will be completed on or before November 1, 1954.

Very truly yours,

R. OLSEN OIL COMPANY,

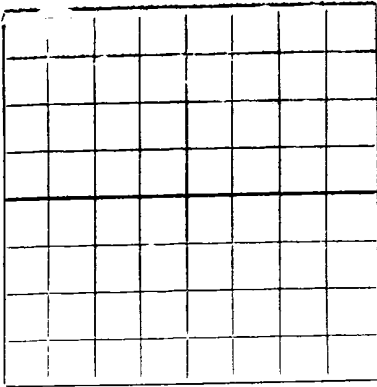


AARON CUMMINGS
Gas Engineer

PR:AC:mp

Enclosure

N.



AREA 640 ACRES
LOCATE WELL CORRECTLY

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.

R. OLSEN OIL COMPANY (Company or Operator) CALLEY (Lease)

Well No. 1, in SE 1/4 of NE 1/4, of Sec. 7, T. 25S, R. 37E, NMPM.

Jalmat Pool, Lea County.

Well is 2301 feet from North line and 330 feet from East line of Section 7. If State Land the Oil and Gas Lease No. is

Drilling Commenced Sept. 25, 1948. Drilling was Completed Nov. 5, 1948.

Name of Drilling Contractor Hackleman - French

Address Jal, New Mexico

Elevation above sea level at 3145. The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from 2830 to 2985 No. 4, from to

No. 2, from 3010 to 3400 (spotted) 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
10 3/4	32#	New	304	HOWCO			SURFACE
7	20#	New	2955	HOWCO			Oil 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
13 3/8	10 3/4	304	100	HOWCO		
9 3/8	7	2955	300	HOWCO		

RECORD OF PRODUCTION AND STIMULATION

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

10/19/48 Csg perforated (Cone shot) 24 shots interval 2904-2910 and

Acidized W/2,000 gal. 10/21/48 Acidized W/2000 gal. interval 2955-2985

11/7/48 Shot W/300 gts interval 3200-3400

Result of Production Stimulation No Noticeable improvement

Depth Cleaned Out 3400 TD

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 3400 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing Nov. 10, 1954

OIL WELL: The production during the first 24 hours was 26 barrels of liquid of which 100% 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	2830		T. Simpson		T. Pictured Cliffs
T. 7 Rivers	3055		T. McKee		T. Menefee
T. Queen	3320		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	750	750	Shale, red and surface sand				
750	1050	300	Gym & red shale				
1050	1300	250	Anhydrite, gray sht.				
1300	2830	1530	Anhydrite & salt				
2830	2955	125	Black sand with pebbles & g. s. (Yates 2830)				
2955	3400	445	Dolomite, bentonite, shaly sands, and black shale all interbedded. Gray sand & oil was throughout (see coring and DST record) Gamma Ray log attached.				

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.

September 15, 1954 (Date)
Company or Operator R. OLNEY OIL COMPANY Address Box 601 - Jal., New Mexico
Name DEWEY WATSON Position or Title Geological Engineer

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Core #1	2051-70 2057-10	20'/20' no very very fine grained sand grains subbur. (fates) Colomite 2 ft. very slightly sugared. . . .
Core #2	2074-70 2101-10 2097-20	17'/20' no very colomite, very yellow colomite, very soft cavity
Core #3	2084-201 2101-20 2099-20 2001-10 2007-20 2002-10	20'/20' no very shale, very fine very soft cavity hard blue, cracked sand grains (fates) shale, very fine very sand, hard (fates) subbur Odors colomite (very) very light 1 ft porous colomite
Core #4	2011-20 2011-10 2016-20 2031-10	20'/20' no very colomite, very hard grains G. . G. shale, very fine, slight show gas flow shale, very fine, very soft cavity slight odor
Core #5	2023-10 2023-10 2040-10 2044-10 2045-10 2047-10 2048-10	20'/20' no very fine blue, edge hard blue, no odor odor lime, 1 ft. . . . lime, 1 ft. . . . hard blue, no odor, carbonitic shale, very fine, soft cavity slight odor
Core #6	2019-70 2019-10 2006-70	12'/20' no very black to dark grey shale slight show gas colomite, very fine, very sugared
Core #7	2024-10 2024-10	7'/20' no very frk. black to grey colomite thin lime, 1 ft.
Drill Meter Test #1	2004-40	Foot meter, 10 minutes. Gas to surface in 4 min. throughout test. blow down to 400 . 20 min. buildup 2004 . 2024 . 10 minutes at end.

Drill Stem Test #2	2943-2947	Tool joint 1 in. recovered 20' gas & oil 1 1/2 in. 15 min. Flow pressure 200 . 15 minute drill. up 400".
Drill Stem Test #3	2948-2952	Tool joint 1 in. Good flow air through- out test. 10 min. surface in 10 min. recovered 10 ft. 1/2 in. mud. Flow pressure . 15 minute buildup press. 200 . 15 . 15 . 15-27-48
Drill Stem Test #4	3051-3151	Tool joint 1 in. Fair flow air through- out test. recovered 10' 1/2 in. mud. Flow pressure 100 . 15 minute buildup pressure 200 . 15 . 15 . 15-28-48
Drill Stem Test #5	3152-3252	Tool joint 1 in. recovered 10 ft. 1/2 in. mud Flow pressure 100 . 15 minute buildup press. 200 . 15 minute buildup press.
Drill Stem Test #6	3253-3453	Tool joint 1 in. recovered 10 ft. gas oil 1 1/2 in. 15 min. Flow pressure 200 . 15 minute buildup press. 200 . 15 . 15 .