

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

The El Dorado Refining Company

Walker

(Company or Operator)

(Lease)

Well No. 1, in NE 1/4 of NW 1/4, of Sec. 5, T. 26N, R. 12W, NMPM.

Undesignated

Pool,

San Juan

County.

Well is 790 feet from North line and 1850 feet from West line

of Section 5. If State Land the Oil and Gas Lease No. is

Drilling Commenced April 10, 1957. Drilling was Completed April 24, 1957.

Name of Drilling Contractor: Arapahoe Drilling Company (Rig No. 3)

Address: 504 Colorado Bldg., Denver, Colo.

Elevation above sea level at Top of Tubing Head 5873'. The information given is to be kept confidential until

June 1, 1957.

OIL SANDS OR ZONES

No. 1, from 4980' to 5012' No. 4, from to

No. 2, from to No. 5, from

No. 3, from to No. 6, from

IMPORTANT WATER SANDS

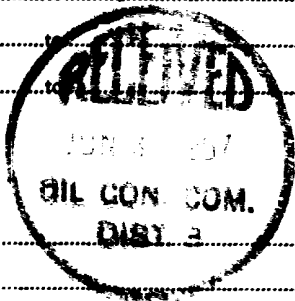
Include data on rate of water inflow and elevation to which water rose in hole.

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
8-5/8"	24#	New	294'	(Baker)	--	--	Surface Casing
5-1/2"	15.5#	New	5088'	Flex-Flo	--	4983' to 5007'	Production Casing

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
12-1/4"	8-5/8"	294'	200	(Pumped and	--	--
7- 7/8"	5-1/2"	5088'	200	Circulated)	--	--

RECORD OF PRODUCTION AND STIMULATION

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

Sand-oil Fracture Treatment, with 55,000# sand and 45,320 gals. of crude oil, of the perforated interval from 4983' to 5007'.

Result of Production Stimulation: Flowed load, then flowed oil for 25 hours and 45 minutes at an average rate of 4.40 bbls. per hour through a 3/4" choke.

Shut in. Depth Cleaned Out 5064'

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 5090' feet, and from feet to feet.  
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing May 10, 19 57

OIL WELL: The production during the first 24 hours was 34.5 barrels of liquid of which 100 % was  
was oil; % was emulsion; % water; and % was sediment. A.P.I.  
Gravity 38°

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	Surface
T. Salt	T. Silurian	T. Kirtland-Fruitland	548 *
B. Salt	T. Montoya	T. Farmington	
T. Yates	T. Simpson	T. Pictured Cliffs	1078' *
T. 7 Rivers	T. McKee	T. Menefee	
T. Queen	T. Ellenburger	T. Point Lookout	3634 *
T. Grayburg	T. Gr. Wash	T. Mancos	3897' *
T. San Andres	T. Granite	T. Dakota	Not reached
T. Glorieta	T.	T. Morrison	
T. Drinkard	T.	T. Penn	
T. Tubbs	T.	T. Gallup Pay	4989' *
T. Abo	T.	T. Elec. Log TD	5108 *
T. Penn	T.		
T. Miss	T.	T. * Elec. Log Tops	

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	4550	4550	Sand and shale				
4550	4610	60	Shale				
4610	4925	315	Sand and shale				
4925	5048	123	Sand				
5048	5090	42	Sand and shale				

**NOTE:** All depths recorded are driller's depths, except formation tops. Driller's total depth was 5090' as opposed to Schlumberger's electric log total depth of 5108'.

**OIL CONSERVATION COMMISSION**  
**AZTEC DISTRICT OFFICE**  
 No. Copies Received 5  
**DISTRIBUTION**

	NO. FURNISHED
Operator	
Santa Fe	1
Proration Office	
State Land Office	1
U. S. G. S.	2
Transporter	

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.

May 31, 1957

(Date)

Company or Operator The El Dorado Refining Company

Address P.O. Box 551, El Dorado, Kansas

Name Walker Wm. Smith

Position or Title Attorney

*Walker Wm. Smith*

RECORD OF DRILL STEM TEST

Drill Stem Test 4979'-5048': Tool open 90 minutes. Fair to good blow throughout. Recovered 2220' very heavily gas cut and very slightly oil cut mud.

<u>Pressures</u>	<u>Initial/Time</u>	<u>Final/Time</u>
Shut in	2375#/30 min.	1605#/30 min.
Flow	525#	780#
Hydrostatic	2365#	2350#

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