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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. If State Land submit 6 Copies

The Atlantic Refining Company
(Company or Operator)

J.L. Reed
(Lease)

Well No. 1, in NW 1/4 of NW 1/4, of Sec. 1, T. 14-S, R. 37-E, NMPM.

King Pool, Lea County.

Well is 660 feet from North line and 660 feet from West line

of Section 1. If State Land the Oil and Gas Lease No. is

Drilling Commenced March 18, 1957 Drilling was Completed June 6, 1957

Name of Drilling Contractor Warton Drilling Co.

Address Box 2807 Odessa, Texas

Elevation above sea level at Top of Tubing Head 3848 DF Dec. 24, 1957 The information given is to be kept confidential until

OIL SANDS OR ZONES

No. 1, from None to 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 None 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	355.94	Larkin Guide			Surface
9-5/8"	36	"	464.79	HOWCO	"		Intermediate

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"	370.94	350	Pump		
12 1/2"	9-5/8"	4657.79	1611	"		

RECORD OF PRODUCTION AND STIMULATION

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

Well #1 P & A 6-6-57

Result of Production Stimulation

Drill 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 12,850 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing, 19

OIL WELL: The production during the first 24 hours was barrels of liquid of which % was
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.	2290		T. Devonian.	12,835	
T. Salt.			T. Silurian.		
B. Salt.			T. Montoya.		
T. Yates.			T. Simpson.		
T. 7 Rivers.			T. McKee.		
T. Queen.			T. Ellenburger.		
T. Grayburg.			T. Gr. Wash.		
T. San Andres.	4595		T. Granite.		
T. Glorieta.	6090		T. Wolfcamp.	9,373	
T. Drinkard.			T. Woodford.	12,720	
T. Tubbs.			T.		
T. Abo.	8074		T.		
T. Penn.	10,218		T.		
T. Miss.	12,003		T.		

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	40	40	Caliche & rock	9798	9858	60	Lime
40	288	248	" , lime	9858	9899	41	" & chert
288	372	84	Shell & redbed	9899	9954	55	" " & shale
372	1800	1428	Redbed	9954	10062	108	Shale & lime
1800	2115	315	" & salt	10062	10105	43	Lime & chert
2115	2234	119	" , shells, anhy, stk. w/salt	10105	10133	28	" , shale
2234	3254	1020	Salt & anhydrite	10133	10227	94	" , chert
3254	4430	1176	Anhydrite	10227	10290	63	"
4430	4528	98	" & gyp	10290	10436	146	" , chert
4528	4562	34	" , shale	10436	10477	41	Chert & shale
4562	4581	19	" , shale & gyp	10477	10491	14	Shale, cherty lime
4581	4634	53	" , lime	10491	10554	63	" & lime
4634	8089	3455	Lime	10554	10602	48	Lime
8089	9354	1265	Shale, lime	10602	10743	141	Lime & shale
9354	9436	82	Lime & dolomite	10743	10748	5	Lime
9436	9636	200	Lime	10748	11015	267	Shale, lime
9636	9730	94	Cherty lime, shale	11015	11056	41	Lime & chert
9730	9773	43	Lime & cherty lime	11056	11363	307	Lime & shale
9773	9798	25	Lime & chert	11363	11755	392	Lime, sand & shale
				11755	12850	1095	Lime, chert, shale

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.

Company or Operator **The Atlantic Refining Company** Address **Box 1038 Denver City, Texas**
Name **N.A. Carr** Position or Title **District Supt.**
Date **9-25-57**

DST #1 - Strapped DP out of hole. DM 9508 = SIM 9500. Made 8' corr. Tool open @ 7:05 A.M. 4-18 w/fair blow for 34 mins. & died. Testing Wolfcamp 9402 = 9500.

DST #2 - Testing 9832 = 58. Ran 2 Johnston 7 $\frac{1}{4}$ " pkrs w/5/8" BC, 1" TC, no WC. Tool open 10:58 A.M. 4-21 for 1 hr w/very weak blow of air increase to good blow throughout test. SI for 30 min. Rec. 60' salt wtr cut drlg mud & 840' salt wtr. Hydrostatic 4645. IFP 100. FFP 450. SIP 3710.

DST #3 - No test

DST #4 - Ran 2 - 7 $\frac{1}{4}$ " Johnston pkrs to test 10107 - 10133 w/no WC. Tool opened 5:17 A.M. 4-25 & pkr seat failed immediately. Finished pulling out of hole w/test tool & rec. 540' drld mud after pkr failed.

DST #5 - Testing lower WC from 10097 - 10138. Ran 2 - 7 $\frac{1}{4}$ " Johnston pkrs w/5/8" BC, 1" TC & no WC. Tool open @ 10:59 A.M. 4-25 for 1 hr w/weak blow of air for 11 mins. & died. By-passed tool after 30 min. w/no blow. SI for 30 min. Rec. 120' drlg. mud, no show. Hydros. in 4995. Hydros. out 4950. IFP 80. FFP & SIP 100. Job completed 3:00 P.M. 4-25.

DST #6 - Johnston testing Penn. 10825 - 10920. Ran 2 - 7 $\frac{1}{4}$ " pkrs w/5/8" BC, 1" TC, no WC. Tool open @ 7:04 A.M. 5-7 for 1 hr w/weak to good blow in 5 mins. Good blow throughout test. SI for 30 min. Rec. 270' gas-cut drlg mud, 180' salty drlg mud, gas-cut w/show of oil in bottom 10'. Hydros. in - 5380. Hydros. out - 5340. IFP 125. FFP 260. SIP 3040.

DST #7 - Testing Dev. 12832 - 12850. Ran 2 Johnston 7 $\frac{1}{4}$ " pkrs w/1" TC, 5/8" BC, 2000' WC. Tool open 4:22 A.M. 6-3 for 1 hr w/very good blow air throughout test. SI for 30 min. Started out of hole. Rec. 2' free oil on top of WC, 2000' WC, 2000' SW, 70' drlg mud & 12800' gas. Hydros. in - 6525. IFP 965. FFP 1770. SIP 4960. Hydros. out - 6400.

