

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 QUINTUPPLICATE.

Grid area for well location. Includes a large 'X' in the bottom left corner.

AREA 640 ACRES
LOCATE WELL CORRECTLY

The Atlantic Refining Company
(Company or Operator)

Federal-Jones
(Lease)

Well No. 3, in SW 1/4 of SW 1/4, of Sec. 35, T. 14-S, R. 37-E, NMPM.

Denton-Wolfcamp Pool, Lea County.

Well is 330 feet from South line and 990 feet from West line

of Section 35. If State Land the Oil and Gas Lease No. is Las Cruces 065254 (Federal land)

Drilling Commenced September 2, 1952. Drilling was Completed November 10, 1952.

Name of Drilling Contractor Corbett Drilling Company

Address Box 4206, Tulsa, Oklahoma

Elevation above sea level at Top of Tubing Head 3820' DF

The information given is to be kept confidential until February 10, 1953.

OIL SANDS OR ZONES

No. 1, from 9244' to 9300' No. 4, from to

No. 2, from 9426' to 9444' 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"	54.5	New	310	HOWCO			
9-5/8"	36 & 40	New	4698	Baker			
7"	23 & 26	New	9487	Baker		9426-9444 9244-9300	To Produce To Produce

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
18"	13-3/8"	327	450	Pump		None
12 1/2"	9-5/8"	4713	3000	Pump	?	104 Sacks
8-5/8"	7"	9500	650	Pump	?	18 Sacks

RECORD OF PRODUCTION AND STIMULATION

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

Acidised formation through perfs 9426-9444 with 750 gallons 15% Regular Acid on 11-11-52.

Acidised formation through perfs 9244-9300 & 9426-9444 with 2500 gallons 15% Regular Acid on 11-15-52.

Result of Production Stimulation Fair

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 9500 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing November 10, 1952
OIL WELL: The production during the first 24 hours was 64.38 barrels of liquid of which 90 % was
was oil; % was emulsion; % water; and 10 % was sediment. A.P.I.
Gravity 43.8
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. 2160	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.	T. Menefee.	
T. Queen.	T. Ellenburger.	T. Point Lookout.	
T. Grayburg.	T. Gr. Wash.	T. Mancos.	
T. San Andres. 4680	T. Granite.	T. Dakota.	
T. Glorieta. 6240	T.	T. Morrison.	
T. Drinkard.	T.	T. Penn.	
T. Tubbs.	T.	T.	
T. Abo. 8020	T.	T.	
T. Penn.	T.	T.	
T. Miss.	T.	T.	
WC 9180			

FORMATION RECORD

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	330	330	Surface Sands & Redbed				
330	1394	1064	Redbed & Shale				
1394	1538	144	Redbed, Anhy & Shells				
1538	1812	274	Redbed & Shells				
1812	2120	308	Anhy & Sand				
2120	2225	105	Anhy				
2225	3075	850	Salt & Anhy				
3075	3733	658	Anhy & Gyp				
3733	4679	946	Anhy				
4679	4700	21	Anhy & Lime				
4700	9500	4800	Lime				

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.

November 1952 (Date)
Company or Operator The Atlantic Refining Company Address Box 1038, Denver City, Texas
Name Norman R. Position or Title District Superintendent

W.T. - N.M.

Federal Jones #3

Denton - Wolfcamp

Lea, New Mexico

Province

Lease—Tract—Well No.

Field—Pool—Producing Zone

County State

DECLINATION TESTS										SAFETY JOINT			
Depth	Deviation	Depth	Deviation	Depth	Deviation	Depth	Deviation	Depth	Deviation	Make	P.-L. Thd. or Shear Pin	Weight To Shear	Depth Set
320	1/2	4435	1/2	6185	1/2	7285	2	8160	3	9410	1 1/4		
2110	3/4	4535	3/4	6360	1 3/4	7360	2	8235	3	9460	1		
2220	3/4	4945	1/2	6625	1 3/4	7435	2 1/4	8340	2 1/4				
2720	1/4	5020	3/4	6730	1 3/4	7510	2	8590	2 3/4				
3170	1/4	5130	3/4	6860	1 3/4	7560	2	8825	2				
3600	3/4	5490	1/2	7005	2	7630	2 1/2	8990	1 1/2				
3990	1/2	5655	3/4	7070	2	7740	2 1/4	9080	1				
4200	1	5785	1	7150	1 3/4	7875	2 1/2	9235	1 1/2				
4285	1	5950	1	7220	2	7965	2	9375	1 1/2				

CORE REFERENCE DETAILS "Daily Drilling or Remedial History (3B-459)"																							
Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.	Core No.	Page No.

BOTTOM HOLE PRESSURE: DATUM									
Date	Pressure	Date	Pressure	Date	Pressure	Date	Pressure	Date	Pressure

ELECTRICAL OR OTHER LOGGING OR SPECIAL TESTING DATA (Including surveys)							
Date	Kind	From	To	Date	Kind	From	To
11-5-52	Schlumberger Elect. Log	9503	4723				
11-5-52	Schlumberger Micro Log	9503	9150				

EQUIPMENT: Supply "Pumping Record (3B-432-B)" or "Gas Lift Installation (3B-587)" Where Applicable							
Date	Item	Test Pres.	Make	Dwg. No.	Serial No.	Date Removed	Reason
	"Pickup Joint: Size and Thread"						
	Tubing Head						
	Braden Head						
	Casing Head						
	Flow Line Size & Length		Wells in Same Line (Nos.)				
	Separator (Make)		Wells in Same Separator (Nos.)				
	Battery No.	Number and Size:	Wood	Capacity:	Steel	Capacity: Total	Capacity on Lease
	Wells in this Battery (By the Numbers)						

IMPORTANT: Compile in every applicable detail and forward IMMEDIATELY on completion of new well attached to the final "Daily Drilling or Remedial History" (3B-459). OLD WELLS: Where "Inhole" work is done, compile form in every applicable detail from time of original completion, including present work. All cumulative data MUST be included as space permits. Indicate pertinent information which cannot be covered in the body of the form in space below, including removals from proration schedule—"Date, Supplement, Length of Time Off (in das.), Barrels of Production Lost, Date Returned to Production." Give condition "BEFORE" and "AFTER" on remedial operations. (The Accurate Compilation of the Record is Invaluable).

Dates _____ Above Correct—Signature(s) _____

For Drilling Section _____

For Petroleum Engineering _____

Superintendent _____

Page No. _____ of _____ Pages (Use Reverse Side "Tumble Fashion" for Additional Space)

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