



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

HOBBBS OFFICE 800 Santa Fe, New Mexico

1956 OCT 17 AM 10:37

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

Wilmington Oil Company
(Company or Operator)

State "NH"
(Lease)

Well No. 1, in SW 1/4 of SE 1/4, of Sec. 10, T. 18S, R. 27E, NMPM.

Summit Pool, Los Alamos County.

Well is 660 feet from West line and 660 feet from South line of Section 10. If State Land the Oil and Gas Lease No. is B-1651

Drilling Commenced August 23, 1956, Drilling was Completed September 7, 1956

Name of Drilling Contractor: Summit Drilling Company

Address: 217 East Broadway, San Angelo, Texas

Elevation above sea level at Top of Tubing Head: 3887. The information given is to be kept confidential until 1956.

OIL SANDS OR ZONES

No. 1, from 3908' to 3970' 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 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"	22.7	New	372	Texas	None	None	Surface Pipe
5-1/2"	15.5	New	600	Larkin Steel Shoe	None	3908'-3970'	Production Stringer

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
3-1/4"	8-5/8"	372'	300 sacks	Flow	9%	
7-7/8"	5-1/2"	1012'	600 sacks (50-40) Pozmix) Incer cement w/ 1% gal and 200 sacks Incer cement		10%	

RECORD OF PRODUCTION AND STIMULATION

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

Did not test well natural on 9-8-56. Treated perforations 3908'-3970' with 10,000 gal. loose crude mixed with 10,000' sand with 500 gal. acid ahead of frac. 9-13-56 Acidized with 1000 gal. mud acid. 9-13-56 Spotted 500 gal. N.E. Acid and fraced with 10,000 gal. potrogel and 10,000' sand.

Result of Production Stimulation: Flowed 17.4 Bbls. oil in 2 1/2 hrs. on 3/8" choke on potential test.

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 Surface feet to 4015 T.D. feet, and from _____ feet to _____ feet.
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet.

PRODUCTION

Put to Producing September 24, 1954

OIL WELL: The production during the first 24 hours was 47.4 barrels of liquid of which _____% was oil; _____% was emulsion; _____% water; and _____% was sediment. A.P.I. Gravity 35.9 A.P.I.

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.....	<u>3630</u>	T. Devonian.....	T. Ojo Alamo.....
T. Salt.....		T. Silurian.....	T. Kirtland-Fruitland.....
B. Salt.....		T. Montoya.....	T. Farmington.....
T. Yates.....	<u>3360</u>	T. Simpson.....	T. Pictured Cliffs.....
T. 7 Rivers.....		T. McKee.....	T. Menefee.....
T. Queen.....	<u>3670</u>	T. Ellenburger.....	T. Point Lookout.....
T. Grayburg.....	<u>3901</u>	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	378	378	Surface Rock				
378	3575	1197	Red Bed & Shale				
1575	1680	105	Anhy., Shale & Salt				
1680	2228	548	Anhy. & salt				
2228	3052	824	Anhy. & Shale				
3052	3453	401	Anhy. & Gyp.				
3453	3876	423	Lime & Gyp.				
3876	3901	25	Lime & Sand				
3901	3978	77	Loam & Sandy Loam				
3978	4015	37	Sand				

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.

.....October 15, 1956..... (Date)

Company or Operator.....Midwater Oil Company..... Address.....Box 547 Hobbs, New Mexico.....

Name.....H. P. Shackelford..... Position or Title.....Area Superintendent.....