



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

John A. Yates

(Company or Operator)

Shell-State

(Lease)

Well No. 1, in SE 1/4 of SE 1/4, of Sec. 23, T. 18S, R. 37E, NMPM.

Hobbs

Pool,

Lea

County.

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

of Section 23. If State Land the Oil and Gas Lease No. is B-9264

Drilling Commenced November 8, 1955. Drilling was Completed, 19

Name of Drilling Contractor S. P. Yates Drilling Co.

Address Carper Bldg., Artesia, New Mexico.

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

, 19

OIL SANDS OR ZONES

No. 1, from 4124 to 4134 No. 4, from to

No. 2, from 4150 to 4168 No. 5, from to

No. 3, from 4202 to 4211 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 60 to 200 feet. Within 20' of top.

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	244	new	311 *				Surface string
5 1/2	154	new	4225 *			See below	Production string.

* Measurements from derrick floor.

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. BAGS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
	8 5/8	311 *	160	Halliburton		
	5 1/2	4225 *	1300	Halliburton		

RECORD OF PRODUCTION AND STIMULATION

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

Perforated 4190 - 4202, acidized with 500 gals. mud acid. Retreated with 1000 gals. acid. No results. Perforated 4207 - 4211, acidized with 500 gals. mud acid. Retreated with 1000 gals. reg. acid. No results. Retreated with 5000 gals. reg. acid. Flowed 15 bbls oil per day, no water. Fractured 4190 to 4211 with 5000 gals. heavy oil, 40000 sand. Perforated 4124 to 4134, fractured with 5000 gals. heavy oil, 60000 sand. Perforated 4150 to 4168, fractured with 5000 gals. heavy oil, 50000 sand.

Result of Production Stimulation. Total from all perforations, 75 barrels oil per day, based on 3 barrels per hour for 6 hours.

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 4225 feet, and from feet to feet.
Cable tools were used from feet to feet, and from feet to feet.

PRODUCTION

Put to Producing January 9, 1956

OIL WELL: The production during the first 24 hours was 75 barrels of liquid of which 100 % 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. 1625'	T. Devonian	T. Ojo Alamo
T. Salt	T. Silurian	T. Kirtland-Fruitland
B. Salt. 2670'	T. Montoya	T. Farmington
T. Yates. 2815'	T. Simpson	T. Pictured Cliffs
T. 7 Rivers	T. McKee	T. Menefee
T. Queen. 3625'	T. Ellenburger	T. Point Lookout
T. Grayburg	T. Gr. Wash	T. Mancos
T. San Andres. 4203'	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	311	311	Surface sand.				
311	914	603	Red bed				
914	1683	769	Red bed & Anhydrite				
1683	2842	1159	Anhydrite & Salt				
2842	3410	568	Anhydrite & gyp				
3410	3427	17	Sand				
3427	3557	130	Anhydrite & gyp				
3557	3791	234	Anhydrite				
3791	3851	60	Anhydrite & gyp				
3851	3891	40	Anhydrite & Shale				
3891	3945	54	Anhydrite				
3945	4040	95	Anhydrite & Lime				
4040	4225	185	Lime				
4225			Total Depth.				
All Measurements from derrick floor.							

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 John A. Yates
Name Nola C. Gandy

Box 1267, Artesia, N. Mex. January 11, 1956
Bookkeeper
Position or Title

Drill Stem tests on John A. Yates, Shell State No. 1,
Located in SE $\frac{1}{4}$ SE $\frac{1}{4}$ (Unit P) Sec. 23, T. 18 S.,
R. 37 E., Lea County, Hobbs Pool, New Mexico.

Test No. 1. November 16, 1955, from 3400 to 3557 feet.
Tool Open 1 hour. Closed in 15 minutes.
Recovered 160' of drilling mud. Flow
Pressure: 70 - 126. Closed in Pressure: 1440

Test No. 2: November 19, 1955, from 3610 to 3847 feet.
Tool Open 2 hours. Closed in 15 minutes.
Gas to surface in 48 minutes. Recovered
840' of heavily gas cut drilling mud. Flow
pressure: 104 - 227. Closed in pressure: 327

Test No. 3 November 24, 1955, from 4201 to 4217 feet.
Tool Open 1 hour & 30 minutes. Closed in 15
Minutes. Gas to surface in 52 minutes.
Recovered 340' of heavy oil and gas cut
drilling mud and 30' of free oil. Flow Pressure:
55 - 109. Closed in Pressure 812

Test No. 4. November 25, 1955, from 4140 to 4191 feet.
Tool open 1 hour and 30 minutes. Closed in
15 minutes. Gas to surface in 55 minutes.
Recovered 400' of heavy gas cut drilling mud,
186' of heavy oil and gas cut drilling mud,
and 126' of free oil. Flow pressure 76 - 230
Closed in Pressure: 1068.

Drill Stem tests of John A. Wells, Oil State No. 1,
located in SE 1/4 Sec. 22, T. 12 S.,
R. 37 E., Lea County, Hobbs Pool, New Mexico.

Test No. 1. November 16, 1955, from 3400 to 3557 feet.
Tool Open 1 hour. Closed in 15 minutes.
Recovered 180' of drilling mud. Flow
Pressure: 70 - 126. Closed in Pressure: 1440

Test No. 2: November 19, 1955, from 3610 to 3847 feet.
Tool Open 2 hours. Closed in 15 minutes.
Gas to surface in 48 minutes. Recovered
340' of heavily gas cut drilling mud. Flow
Pressure: 104 - 227. Closed in Pressure: 587

Test No. 3 November 24, 1955, from 4201 to 4317 feet.
Tool Open 1 hour & 30 minutes. Closed in 15
minutes. Gas to surface in 52 minutes.
Recovered 340' of heavy oil and gas cut
drilling mud and 30' of free oil. Flow Pressure:
55 - 109. Closed in Pressure: 812

Test No. 4. November 25, 1955, from 4140 to 4191 feet.
Tool open 1 hour and 30 minutes. Closed in
15 minutes. Gas to surface in 52 minutes.
Recovered 400' of heavy gas cut drilling mud,
186' of heavy oil and gas cut drilling mud,
and 126' of free oil. Flow pressure 76 - 110
Closed in Pressure: 1058.