

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

WELL RECORD

Must be Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent, not more than twenty days after completion of well. Rules, instructions in the Rules and Regulations of the Commission, and its applicable date by following it with (3) - SUBMIT IN TRIPLICATE.

Shell Oil Company, Incorporated

Box 1457

Hobbs, New Mexico

Thomas Long

Well No.

4

In SW/4

11

22-9

37-2

Madlock

Field

Lea

County

Well 4620

from north of the North line and 3300

feet west of the

line of

Section 11

Thomas Long

Eunice, New Mexico

Shell Oil Company, Incorporated

Box 1457

Hobbs, New Mexico

3-28

47

5-9

47

Drilling & Exploration Co.

Hobbs, New Mexico

3359

not confidential

OLD SANDS OR LENSES

5062

5104

5122

5144

5172

Not penetrated

NEARBY CEMENT SANDS

CASING RECORD

13 3/8 36# 8 Naylor 242 Texas Pattern
8 5/8 32# 8 Nat'l 2794 Baker
5 1/2 15.5# 8 Spang 5200 Baker

5062 5102)
5122 5142) For
5172 5212) production.

MUDDING AND CEMENTING RECORD

SIZE OF HOUL	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MATERIAL USED	AMOUNT OF MUD USED
17 1/2	13 3/8	258	200	Pump & Plug	8.5	
11	8 5/8	2808	800	Pump & Plug	water	
7 3/8	5 1/2	5214	500	Pump & Plug	8.6	

PLUGS AND ADAPTERS

Flowing plug Material Length Depth
Adapter Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SERIAL NO.	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEARED OUT
		15% acid	1500 gal.	4-30-47	5172 - 5212	two stages
		15% acid	1500 gal.	{ 5-3-47 } { 5-4-47 }	{ 5062 - 5102 } { 5122 - 5142 }	two stages

Result of shooting or chemical treatment 165 barrels oil, out 1 1/2 B& and water through 20/64-inch choke in 24 hours. Gas oil ratio equals 502. Flowing.

RECORD OF DRILL-STEM AND SPECIAL TESTS

If the stem or other special tests or deviation surveys were made, submit report in separate sheet and attach hereto

TOOLS USED

Rotary tools were used from 4 feet to 5215 feet and from feet to feet
Cable tools were used from feet to feet and from feet to feet

PRODUCTION

First production 5-2-47
The production of the first 24 hours was 165 barrels of fluid, 99% oil, 0% emulsion, 1% water and 6% sediment. Gravity 38.1
It was well over 24 hours, gallons gas-oil ratio per B. of oil
Flow pressure 100 psi at 100 ft.

EMPLOYEES

J. E. Gunter Driller A. V. Nickols Driller
W. H. Scarborough Driller

EXPLANATION RECORD ON OTHER SHEET

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 same has been obtained from available records

Subscribed and sworn to before me this 9th day of May, 1947 Hobbs, New Mexico May 9, 1947

day of May 1947

James K. C. Brunner

Position District Superintendent

Representing Shell Oil Company, Incorporated

My Commission expires

Address Box 1457 Hobbs, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
No samples analyzed above 4900 feet.			
4900	4990	90	Lime
4990	5032	42	Earthy Lime.
5032	5062	30	Sand (Glorieta) - oil show
5062	5104	42	First Paddock Pay Zone Porous Dolomite - oil show.
5104	5122	18	Shale and Anhydrite lime.
5122	5144	22	Second Paddock Pay Zone Porous Dolomite - oil show.
5144	5172	28	Dense lime with streaks of Anhydrite.
5172	5215	43	Third Paddock Pay Zone Porous Dolomite - poor oil show.

DUPLICATE

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
HOBB'S OFFICE

WELL RECORD

Mail to Oil Conservation Commission, Santa Fe, New Mexico, or its proper agent not more than twenty days after completion of well. Follow instructions in the Rules and Regulations of the Commission. Indicate questionable data by following it with (?). SUBMIT IN TRIPLICATE.

AREA 66, MILES
LOCATE WELL CORRECTLY

Shell Oil Company, Incorporated

Box 1457

Hobbs, New Mexico

Company or Operator

Address

Thomas Long

Well No. 4

in SW/4

of Sec. 11

T. 22-S

R. 37-E

N. M. P. M.

Paddock

Field, Lea

County

Well is 4620 feet south of the North line and 3300 feet west of the East line of Section 11

If State land the oil and gas lease is No. - - Assignment No. - -

If patented land the owner is Thomas Long Address, Lunice, New Mexico

If Government land the permittee is - - Address - -

The lessor is Shell Oil Company, Incorporated

Address Box 1457 Hobbs, New Mexico

Drilling commenced 3-28

1947

Drilling was completed 5-9

1947

Name of drilling contractor Drilling & Exploration Co.

Address Hobbs, New Mexico

Electrical measured at top of casing 3359 feet

The information given is to be kept confidential until not confidential

OIL SANDS OR ZONES

No. 1 from 5062

5104

No. 4 from

No. 2 from 5122

5144

No. 5 from

No. 3 from 5172

Not penetrated

No. 6 from

IMPORTANT WATER SANDS

Indicate any occurrence of water inflow and elevation to which water rose in ft.

No. 1 from

No. 2 from

No. 3 from

No. 4 from

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER FOOT	MAKE	AMOUNT	KIND OF SHOE	DEPTH FROM	DEPTH TO	PURPOSE
13 3/8	36#	8	Naylor	242	Texas Pattern			
8 5/8	32#	8	Nat'l	2794	Baker			
5 1/2	15.5#	8	Spang	5200	Baker		5062 5102)	
							5122 5142)	For
							5172 5212)	production.

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	258	200	Pump & Plug	8.5	
11	8 5/8	2808	800	Pump & Plug	water	
7 3/8	5 1/2	5214	500	Pump & Plug	8.6	

PLUGS AND ADAPTERS

Heaving plug Material Length Depth Set

Adapters Material Size

RECORD OF SHOOTING OR CHEMICAL TREATMENT

SIZE	SHELL USED	EXPLOSIVE OR CHEMICAL USED	QUANTITY	DATE	DEPTH SHOT OR TREATED	DEPTH CLEANED OUT
		15% acid	1500 gal.	4-30-47	5172 - 5212	two stages
		15% acid	1500 gal.	{ 5-3-47 } { 5-4-47 }	{ 5062 - 5102 } { 5122 - 5142 }	two stages

Results of shooting or chemical treatment 165 barrels oil, out 1% BS and water through 20/64-inch choke in 24 hours. Gas oil ratio equals 502. Flowing.

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 5215 feet, and from feet to feet

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

PRODUCTION

Put to producing 5-2-1947

The production of the first 24 hours was 165 barrels of fluid of which 99% was oil, 0% emulsion, 1% water; and 0% sediment. Gravity, Baum 32.1

If gas well, cu. ft. per 24 hours. Gallons gasoline per 1000 cu. ft. of gas.

Rock pressure, lbs. per sq. in.

EMPLOYEES

J. W. Gunter

Driller

A. V. Nichols

Driller

W. H. Scarborough

Driller

Driller

FORMATION RECORD ON OTHER SIDE

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.

Subscribed and sworn to before me this 9th

Hobbs, New Mexico May 9, 1947

day of May 1947

Name M. C. Brunner

Position District Superintendent

Representing Shell Oil Company, Incorporated

Address Box 1457 Hobbs, New Mexico

Notary Public

My Commission expires

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
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