In triplicate

DUPLICATE

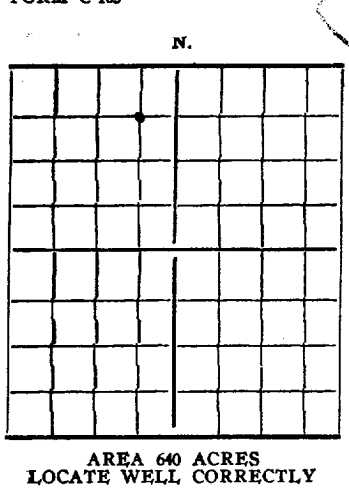
FORM C-105

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

RECEIVED
FEB 3 - 1943
HOBBS OFFICE

WELL RECORD



AREA 640 ACRES
LOCATE WELL CORRECTLY

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. FORM C-110 WILL NOT BE APPROVED UNTIL FORM C-105 IS PROPERLY FILLED OUT.

J. K. Wallingford (Company or Operator) Artesia, New Mexico (Address)

State (Lease) Well No. 1 in NE¼ NW¼ of Sec. 32, T. 17 S.

R. 32 E., N. M. P. M., Maljamar Field, Lea County.

Well is 660 feet south of the North line and 3300 feet west of the East line of Sec. 25.

If State land the oil and gas lease is No. B-4109 Assignment No. 31

If patented land the owner is ....., Address .....

If Government land the permittee is ....., Address .....

The Lessee is J. K. Wallingford, Address Artesia, N. M.

Drilling commenced Oct. 1 19 42 Drilling was completed Jan. 15 19 43

Name of drilling contractor Marshall & Smith, Address Artesia, N. Mex.

Elevation above sea level at top of casing 3900 feet.

The information given is to be kept confidential until ..... 19 .....

OIL SANDS OR ZONES

No. 1, from 2460 to 2470 No. 4, from 3940 to 3944

No. 2, from 3885 to 3890 No. 5, from 4000 to 4030

No. 3, from 3912 to 3920 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 ~~240~~ 540 to 615 feet. .....

No. 2, from ..... to ..... feet. .....

No. 3, from ..... to ..... feet. .....

No. 4, from ..... to ..... feet. .....

CASING RECORD

SIZE	WEIGHT PER FOOT	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
~~8"~~	~~28#~~	~~10"~~		~~896'6"~~	Texas				~~Water~~
~~5"~~	~~15#~~	~~10"~~		~~3705'5"~~	"				Oil String

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
		~~Nitro~~	~~220~~			
~~8½ "~~	~~8"~~	~~896~~	~~200~~	~~Halliburton~~		
~~8 "~~	~~7"~~	~~2096~~	~~40~~	"	~~Pulled later~~	
~~6 "~~	~~5"~~	~~3706~~	~~80~~	"		

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
		~~Nitro~~	~~220~~	~~1/5/43~~		~~4041~~

Results of shooting or chemical treatment Increased flow from 15 bbls. to 40 bbls. in 24 hours.

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 ..... feet to ..... feet, and from ..... feet to ..... feet

Cable tools were used from 0 feet to 4041 feet, and from ..... feet to ..... feet

PRODUCTION

Put to producing Jan. 11, 1943.

The production of the first 24 hours was 40 barrels of fluid of which 100 % was oil; ..... % emulsion; ..... % water; and ..... % sediment. Gravity, Be .....

If gas well, cu. ft. per 24 hours very little Gallons gasoline per 1,000 cu. ft. of gas .....

Rock pressure, lbs. per sq. in. .....

EMPLOYEES

Frank Marshall, Driller Chas. Houghton, Driller

E. H. Powell, Driller Roach, 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.

Artesia, N. M. Jan. 22, 1943
Place Date

Subscribed and sworn to before me this 22 day of January, 1943

Thomas C. Williams
Notary Public.

My Commission Expires March 10, 1946

My commission expires .....

Name J. K. Wallingford

Position Owner

Representing J. K. Wallingford
Company or Operator

Address Artesia, N. Mex.

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	130	130	Sand
130	540	210	Red Rock
540	550	10	Sand
550	595	45	Red Rock
595	615	20	Water Sand
615	900	285	Red Rock
900	1070	170	Anhydrite
1070	2000	870	Salt
2000	2005	5	Anhydrite
2005	2010	5	Red Rock
2010	2025	15	Salt & Anhydrite
2025	2075	50	Salt
2075	2080	5	Sand & Anhydrite
2080	2085	5	Anhydrite & Shale
2085	2103	18	Anhydrite
2103	2110	7	Salt
2110	2120	10	Anhydrite
2120	2130	10	Red Rock
2130	2150	20	Anhydrite & Salt
2150	2225	75	Anhydrite
2225	2235	10	Lime
2235	2250	15	Sandy Lime
2250	2275	25	Anhydrite
2275	2295	20	Red Rock
2295	2300	5	Anhydrite
2300	2305	5	Red Rock
2305	2460	155	Anhydrite
2460	2470	10	Sand - Show of oil
2470	2485	15	Sand
2485	2505	20	Sandy Lime
2505	2585	80	Anhydrite
2585	2595	10	Sandy Shale
2595	2605	10	Anhydrite
2605	2620	15	Red Rock & Blue Shale
2620	3075	455	Anhydrite
3075	3105	30	Lime
3105	3240	135	Anhydrite
3240	3255	15	Red Sand
3255	3270	15	Anhydrite
3270	3290	20	Brown Lime
3290	3320	30	Anhydrite
3320	3485	165	Lime
~~3488~~	~~3585~~	~~10~~	
3485	3495	10	Red Sand
3495	3505	10	Broken Anhydrite & Red Rock
3505	3545	40	Sandy Lime
3545	3595	50	Lime
3595	3688	93	Brown Lime
3688	3695	7	Sand
3695	3800	105	Sandy Lime
3800	3815	15	White Lime
3815	3885	70	Sandy Lime
3885	3890	5	Sand - Show of oil
3890	3912	22	Lime
3912	3920	8	Sand - Oil sand
3920	3970	50	Lime - oil from 3940 to 3944
3970	3975	5	Flaky Lime
3975	3994	19	Sandy Lime
3994	3995	1	Soft broken lime
3995	4041	46	Lime - Oil Pay - 4000 to 4030