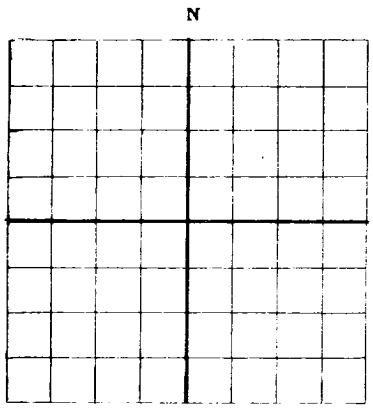
FORM C-105



AREA 640 ACRES
LOCATE WELL CORRECTLY

NEW MEXICO OIL CONSERVATION COMMISSION

DUPLICATE

Santa Fe, New Mexico

RECEIVED
MAR 1 1941
HOBBS 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.

Republic Production Company (Company or Operator) Petroleum Building, Houston, Texas (Address)

B. Davis (Lease) Well No. 2 in SE¼ of SW¼ of Sec. 34, T. 23S

R. 36E, N. M. P. M., Lynn Field, Lea County.

Well is 330 feet North of the South line and 2310 feet East of the West line of Sec. 34-23S-36E.

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

If patented land the owner is _____, Address _____

If Government land the permittee is _____, Address _____

The Lessee is Republic Production Company, Address Artesia, New Mexico

Drilling commenced November 4 19 40 Drilling was completed December 2 19 40

Name of drilling contractor John C. Lenke, Address Tyler, Texas

Elevation above sea level at top of casing 3392 DF feet.

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

OIL SANDS OR ZONES

No. 1, from 3569 to 3578 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	THREADS PER INCH	MAKE	AMOUNT	KIND OF SHOE	CUT & FILLED FROM	PERFORATED FROM	PERFORATED TO	PURPOSE
10"	OD	32	8-V	L	266'					
7"	OD	24	10-V	S	1357'					
5"	OD			S	3522'					

MUDDING AND CEMENTING RECORD

SIZE OF HOLE	SIZE OF CASING	WHERE SET	NO. SACKS OF CEMENT	METHOD USED	MUD GRAVITY	AMOUNT OF MUD USED
13"	10¾"	279'	200	Halliburton		
8¼"	7"	1368'	225	"		
6 5/8"	5"	3532'	255	"		

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

Results of shooting or chemical treatment _____

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 3607 feet, and from _____ feet to _____ feet

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

PRODUCTION

Put to producing December 16 19 40

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

If gas well, cu. ft. per 24 hours 175,500 cu ft Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. _____

EMPLOYEES

_____, Driller _____, Driller

_____, 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 _____ day of _____ 19____

_____ Notary Public

My Commission expires _____

Artesia, N. Mex. (Place) February 21, 1941 (Date)

Name H. M. BAIRD. H M Baird

Position Supt.

Representing Republic Production Company (Company or Operator)

Address Artesia, New Mexico

FORMATION RECORD

FROM	TO	THICKNESS IN FEET	FORMATION
0	15	15	Cellar
15	250	235	Sand and red bed
250	300	50	Red bed (10 3/4" at 279 /200 cks.)
300	323	23	Sand
323	500	177	Sand and shale
500	552	52	Red bed
552	590	38	Red bed and red rock
590	625	35	Sand
625	645	20	Sand and red rock
645	710	65	Sand, hard
710	770	60	Red rock
770	832	62	Sand
832	943	111	Red rock
943	975	32	Sand
975	1000	25	Red rock and sand
1000	1050	50	Red rock and red bed
1050	1150	100	Red rock
1150	1250	100	Red rock and red bed
1250	1305	55	Red rock
1305	1357	54	Anhydrite
1357	1360	3	Salt
1360	1410	50	Anhydrite (7" at 1365 /225 cks.)
1410	1434	24	Anhydrite and gyp
1434	1903	469	Anhydrite and salt
1903	1950	47	Anhydrite
1950	1960	10	Salt
1960	1978	18	Anhydrite
1978	2150	172	Anhydrite and salt
2150	2250	100	Salt and anhydrite shells
2250	2410	160	Salt and anhydrite
2410	2525	115	Salt and anhydrite shells
2525	2527	2	Salt
2527	2558	31	Anhydrite
2558	2590	32	Salt and anhydrite
2590	2665	75	Anhydrite and salt, broken
2665	2745	80	Salt and anhydrite shells
2745	2860	115	Salt and anhydrite
2860	2914	54	Anhydrite
2914	2926	12	Anhydrite and gyp
2926	2931	5	Gas sand (Strong show gas)
2931	2937	6	Lime
2937	2942	5	Lime, brown (Increased gas)
2942	2946	4	Yates sand (Show gas)
2946	2989	43	Lime, gray
2989	3037	48	Lime, brown - hard sandy
3037	3090	53	Lime, brown
3090	3104	14	Lime, gray
3104	3123	19	Lime, brown (Odor gas)
3123	3360	237	Lime, gray (Increased gas 3226-23)
3360	3367	7	Shale, blue
3367	3401	34	Lime, gray
3401	3410	9	Lime, brown
3410	3420	10	Lime, gray
3420	3481	61	Lime, brown
3481	3568	87	Lime, gray (5" at 3532 /255 cks.)
3568	3579	11	Lime, brown - soft sandy
3579	3583	4	Lime, gray (6 bbls oil per hr and ½ mill gas)
3583	3607	24	Lime, gray and brown (Soft sandy 3586-89)
TOT. DEPTH	3607		