

WELL PLUGGING RECORD

Give All Information Completely  
Make Required Affidavit  
Mail or Deliver Report to:  
Conservation Division  
State Corporation Commission  
211 No. Broadway  
Wichita, Kansas

Ellis County. Sec. 26 Twp. 13S Rge. 20W (E) (W)

Location as "NE/CNW/SW" or footage from lines NW NW NE

Lease Owner Alpine Oil & Royalty Co., Inc.

Lease Name August Herman Well No. 1

Office Address 800 Bitting Building, Wichita, Kansas

Character of Well (completed as Oil, Gas or Dry Hole) Oil Well

Date well completed July 17, 1963 19

Application for plugging filed March 2, 1967 19

Application for plugging approved March 3, 1967 19

Plugging commenced March 6, 1967 19

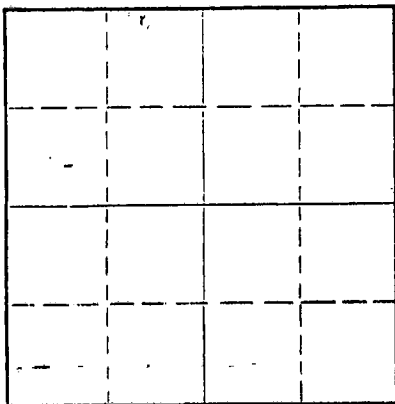
Plugging completed March 10, 1967 19

Reason for abandonment of well or producing formation Nonproductive in commercial quantities

If a producing well is abandoned, date of last production February 28 19 67

Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

NORTH



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well Leo Massey

Producing formation Lansing K. C. Depth to top 3459 Bottom 3706 Total Depth of Well 3792 Feet

Show depth and thickness of all water, oil and gas formations.

OIL, GAS OR WATER RECORDS

CASING RECORD

FORMATION	CONTENT	FROM	TO	SIZE	PUT IN	PULLED OUT
				8 5/8"	165'	Cemented
				5 1/2"	3788'	2965'

Describe in detail the manner in which the well was plugged, indicating where the mud fluid was placed and the method or methods used in introducing it into the hole. If cement or other plugs were used, state the character of same and depth placed, from feet to feet for each plug set.

Set plug at 3450', ran 5 sacks cement; pumped 20 sacks Jel mud and 75 sacks cement.

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MAR 22 1967  
CONSERVATION DIVISION  
WICHITA, KANSAS

(If additional description is necessary, use BACK of this sheet)

Name of Plugging Contractor Glenn & Smith Pipe Pulling Co.  
Address Box 156, Ellinwood, Kansas

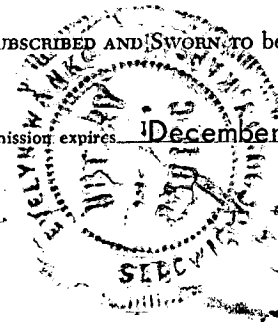
STATE OF Kansas, COUNTY OF Sedgwick, ss.  
Dwight J. Wilson (employee of owner) or (owner or operator) of the above-described well, being first duly sworn on oath, says: That I have knowledge of the facts, statements, and matters herein contained and the log of the above-described well as filed and that the same are true and correct. So help me God.

(Signature) Dwight J. Wilson  
800 Bitting Bldg., Wichita, Kansas 67202

SUBSCRIBED AND SWORN TO before me this 22d day of March, 19 67

My commission expires December 10, 1968

Evelyn Wanko Notary Public



No well log available.

**RECEIVED**  
STATE CORPORATION COMMISSION

MAR 22 1967

CONSERVATION DIVISION  
Wichita, Kansas

15.051.02888.00.00

RECEIVED  
STATE CORPORATION COMMISSION

MAR 22 1967

CONSERVATION DIVISION  
Wichita, Kansas

15-051-02888-0000  
ALPINE OIL & ROYALTY CO., INC. NO. 1 HERMAN  
NW NW NE Section 26-13S-20W  
Ellis County, Kansas

GEOLOGICAL REPORT

The following information is an interpretation of the samples and the time log on the above captioned test. All data and measurements are taken from the top of the Kelly Bushing, six feet above ground level.

Elevation - KB	2175
Anhydrite	1480 + 695
Heebner Shale	3418 -1243
Toronto	3439 -1264
Lansing Kansas City	3459 -1284
Base of Kansas City	3706 -1531
Marmaton Chert	3746 -1576
Errosional Arbuckle	3779 -1604
Arbuckle Dolomite	3786 -1611
Rotary Total Depth	3792 -1617

Toronto 3439 -1264

Zone 3409 to 3443 - Tan, fossiliferous limestone, poor to fair porosity, no shows.

Lansing-Kansas City 3459 -1284

Zone 3463 to 3467 - White, fossiliferous limestone, fair to good porosity, fair stains, faint odor and show of free oil in the wet samples.

Drill Stem Test No. 1 3446 to 3470 feet

The tool was open for 1 hour and the recovery was 100 feet of gas in the drill pipe, 80 feet of oil and gas cut mud. Flow pressures were zero to 35 pounds and the shut in pressures were 1165 pounds to 980 pounds.

Zone 3490 to 3504 - Cream oolitic and cocastic limestone, fair to good porosity, good staining, slight show of free oil and good odor.

Zone 3510 to 3514 - White to gray fossiliferous, fair porosity and staining, show of oil, no odor.

Drill Stem Test No. 2 3477 to 3520 feet

The tool was open for 1 hour and the recovery was 1890 feet of formation water with a scum of oil. Flow pressures were 40 to 905 pounds. Shut in pressures were 1135 to 1080 pounds.

Zone 3521 to 3526 - Gray, fossiliferous limestone, poor porosity, slight stains, slight show of free oil, no odor.

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- Zone 3538 to 3544 - Buff fossiliferous limestone, poor to fair porosity, slight staining, no odor or show of free oil.
- Zone 3554 to 3560 - White, oolitic cherty limestone, poor porosity, no staining, no shows.
- Zone 3574 to 3577 - Tan, oolitic cherty limestone, poor porosity, no staining, no odors.
- Zone 3597 to 3603 - White, oolitic, cherty limestone, poor to fair porosity, fair staining, show of free oil and slight odor.
- Zone 3618 to 3628 - Tan, oolitic and fossiliferous limestone, fair to good porosity, good staining, show of free oil and odor.

Drill Stem Test No. 3 3582 to 3630 feet

The tool was open for 1 hour and the recovery was 480 feet of gas in the drill pipe, 240 feet of oil and gas cut mud, 270 feet of muddy oil, 450 feet of oil cut muddy water. The flow pressures were 40 to 305 pounds and the shut in pressures were 1260 to 1050 pounds.

- Zone 3642 to 3650 - White to gray oolitic limestone, good porosity, fair stains, show of free oil and odor.
- Zone 3661 to 3666 - Tan, oolitic and oocastic limestone, fair porosity and staining, slight show of free oil and odor.

Drill Stem Test No. 4 3635 to 3680 feet

The tool was open for 1 hour and the recovery was 720 feet of water. The flow pressures were 25 to 340 pounds and the shut in pressures were from 1295 to 1005 pounds.

- Zone 3691 to 3701 - Tan, chalky slightly oolitic limestone, poor porosity, no stains, no odors.

Marmaton Chert 3746 -1571

- Zone 3746 to 3776 - Tan, pink and gray chert with some tan, fossiliferous limestone, scattered light stains, no odor, no free oil, judged not worth testing.

Arbuckle 3786 -1611

- Zone 3786 to 3792 - White, coarsely crystalline dolomite, fair intercrystalline porosity, fair stains and show of oil, slight odor.

RECOMMENDATIONS

1505102888.00.00

Structurally on the Arbuckle, this well was 30 feet higher than the abandoned well one diagonal location to the southeast; 23 feet higher than the dry hole one-quarter mile west; 59 feet higher than the dry hole one-half mile east. Due to the high structural position of the Arbuckle and the successful drill stem tests in the Lansing-Kansas City Section, it was recommended that 5 1/2 inch casing be set at 3788, thus leaving four feet of open hole.

Yours very truly,

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Lawrence F. Gray, Geologist