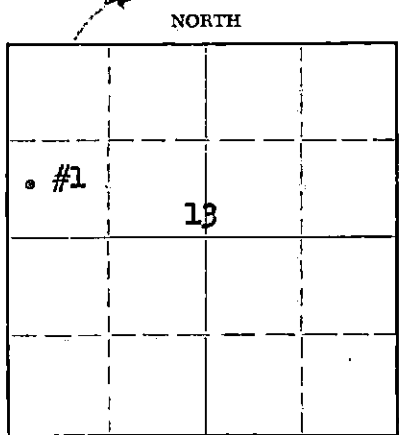


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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

WELL PLUGGING RECORD

Barton County, Sec. 13 Twp. 20S Rge. (E) 15 (W)  
Location as "NE/CNW/SW" or footage from lines SW SW NW  
Lease Owner Magnolia Petroleum Co.  
Lease Name Nettie Unruh Well No. 1  
Office Address Box 770, Great Bend, Kansas  
Character of Well (completed as Oil, Gas or Dry Hole) Gas  
Date well completed 10-15- 1946  
Application for plugging filed 12-10- 1957  
Application for plugging approved 12-11- 1957  
Plugging commenced 12-17- 1957  
Plugging completed 12-21- 1957  
Reason for abandonment of well or producing formation Not economical to operate



Locate well correctly on above Section Plat

If a producing well is abandoned, date of last production \_\_\_\_\_ 19\_\_\_\_  
Was permission obtained from the Conservation Division or its agents before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Donald Truan, Gorham, Kansas  
Producing formation Arbuckle Depth to top \_\_\_\_\_ Bottom \_\_\_\_\_ Total Depth of Well 3698 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
Arbuckle	Gas & Wtr	3612	3677	8-5/8	925	None
				5-1/2	3698	2238

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.

TD 3698'. Filled w/sd 3630-3600, 5 sx cmnt @ 3600' to 3560', fill up 40'. 21" tension on 5-1/2" csg. Shot pipe @ 2577', 2500' & 2450'. Pulled 6 jts 5-1/2" csg. Pipe hung up. Shot pipe @ 2097, 2051, 2008 & 1965'. Pulled 48 jts 5-1/2" csg, total 2238'. Mud hole fr 3630 to 450', 10' rock bridge to 440', 20 sx cmnt to 380', mud to 250', 10' rock bridge to 240', 20 sx cmnt to 180', mud to 40', 10' rock bridge to 30', 10 sx cmnt to base of cellar, filled to surf w/dirt.

RECEIVED  
STATE CORPORATION COMMISSION

DEC 24 1957

CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Ace Pipe Pulling Co.  
Address Great Bend, Kansas

STATE OF Kansas, COUNTY OF Barton, ss.  
C. O. Turner (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) C O Turner  
Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 23rd day of December, 19 57

My commission expires January 14, 1961

Orig: Corp. Comm.  
cc: Wichita  
Donald Truan  
File

Harriett S. Kaiser  
Notary Public.

PLUGGING  
FIL SEC 13 20 R/54  
BOOK PAGE 68 LINE 10

MAGNOLIA PETROLEUM COMPANY  
 Nettie Uhrin #1 Sec. 13-20S-15W  
 Barton County, Kansas

Casing Record

Drilling Commenced: Sept. 9, 1946  
 Drilling Completed: Oct. 15, 1946

8-5/8" Csg. set at 925' - Cem. w/425 Sax  
 5 1/2" Csg. set at 3698' - Cem. w/200 Sax

Surface clay	0	40
sand & shale	40	315
shale & shells	315	400
sand	400	520
Red bed	520	530
Red bed & shells	530	830
shale & shells	830	918
Anhydrite	918	938
8-5/8" Csg. set	925	
shale & shells	938	1015
shale	1015	1305
shale & shells	1305	1780
lime & shale	1780	1865
lime	1865	1945
lime & sandy shale	1945	2090
lime & shale	2090	2160
lime	2160	2220
lime & shale	2220	2390
lime	2390	2485
lime & shale	2485	2585
shale	2585	2710
lime & shale	2710	2885
lime	2885	2935
lime & shale	2935	3020
lime	3020	3125
lime & shale	3125	3160
lime	3160	3270
lime & shale	3270	3333
Top Lansing	3333 D.F.	
lime	3333	3400
lime & shale	3400	3470
lime	3470	3565
lime & shale	3565	3610
Trace Simpson	3610	3612
Top Arbuckle	3612 D.F.	
Arbuckle	3612	3677

Drill Stem Test

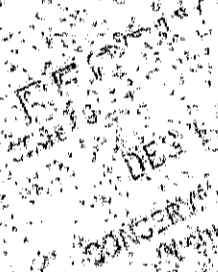
3661-3677 by HOWCO. - 30 minutes  
 1/2" choke on bottom - 1/8" choke  
 on top. 150# gas pressure 24 min.  
 266' Salt water - no oil.

Arbuckle lime 3677 3698  
 5 1/2" Csg. set 3698

Standardized

Drilled cement to 3673  
 Ran Gamma Ray and Neutron Log  
 Perforated 5 1/2" Csg. by Lane-Wells with  
 12 shots 3648-52.  
 Tested 6,800,000 Cu. Ft. Gas  
 1050# Shut in pressure - no water  
 Perforated 5 1/2" Csg. by Lane-Wells  
 with 24 shots 3648-52.  
 Gun stuck at 2490. Drove gun to  
 bottom and left in hole.  
 Perforated 5 1/2" Csg. by Lane-Wells  
 with 108 shots 3636-48.

TD:SLM 3698 P.B. to 3673



I, C. A. Hill, District Superintendent for Magnolia Petroleum Company, certify  
 the foregoing to be a true and correct copy of the original log on our Nettie Uhrin #1.

*C. A. Hill*

Subscribed and sworn to before me this 30th. day of October. 1946.

*L. J. Pedersen*  
 Notary Public

My commission expires: 11/30/49

PLUGGING  
 FILE SEC 13 T 22 R 15 S  
 BOOK PAGE 68 LINE 10

15.009.19430.0000

Magnolia Petroleum Company  
SUPPLEMENT TO WELL RECORD

X-5070 LEASE DATE **July 24, 1957**

**Nettie Darrah** WELL NO. **1** DISTRICT **Chase**

REASON FOR WORK  
**To sq perfs 3636-52' (Arb) and perf additional zones in the Arb  
in an attempt to increase gas prod.**

- WORK OVER
- CLEAN OUT
- RECOMPLETION
- MULTIPLE COMPLETION
- DRILL DEEPER
- PLUG BACK
- ABANDONMENT

APPROPRIATION NO.	AMOUNT REQUESTED	APPROXIMATE EXPENDITURE	ESTIMATED MONTHS TO PAY OUT
None	\$ 2,500	\$ 2,500	

WORK PERFORMED BY	DATE WORK COMMENCED	DATE COMPLETED
<b>Lane Wells, Halliburton &amp; Dowell</b>	<b>6-25-57</b>	<b>Test 7-17-57</b>

PRODUCTION BEFORE  
**None**

POTENTIAL TEST AFTER  
**SIP CP 160%, TP 51%. Open flow 1450 MCFD. Based on 1 point 0.85 slope. 3/8" plate.  
1 hr test. FP CP 49%, TP 11%. Flow rate 586 MCFD. Making steady flow of wtr @ this  
rate. Loads up w/wtr @ 300 MCFD & below with 3/8" plate.**

PREVIOUS T. D.	P.B.T.D.	MEASURING POINT
<b>3698'</b>	<del>XXXX</del> <b>3673</b>	<b>3' above DF. DF - 1945'.</b>

PRESENT T. D.	P.B.T.D.	MEASURING POINT
<b>3698'</b>	<del>XXXX</del> <b>3673</b>	<b>Same</b>

PREVIOUS PRODUCING DEPTH(S)	PRESENT PRODUCING DEPTH(S)
<b>3636-52'</b>	<b>3615-19'</b>

CHANGE(S) IN CASING RECORD  
**None**

SUMMARY OF OPERATIONS

**Ran OR Log. Pulled 2" tbg. Set cmt retainer @ 3630' on Lane Wells wire line. Ran 2" tbg. Rnd into form w/1000#, sq perfs 3636-52 w/75 ex. Max press 3000#. Rev out 55 ex, left 20 ex in form. Pulled 2" tbg & perf 5-1/2" csg @ 3615-19' w/16 jet holes. Ran 2" tbg to 3622'. Acid perfs 3615-19' w/1000 gal reg acid. Max press 500#, min 100#. 1 min SI - Vac. Rate 2/3 BHM. Flushed w/1/4 bbl wtr. Used 86 BW + 24 BAW. Sbd 60 BLM - 9 hrs. Csg press 450#. Flowed 5 BLM - 1 hr. SI 6-27-57. TP 100%, CP 500#. Opened up 6-28-57, CP dropped to 400#. SI, TP 510%, CP 590#. Ret test made on 7-17-57.**

**PLUGGING**  
 FILE SEC 13 T 20 R/SW  
 BOOK PAGE 68 LINE 10

USE REVERSE SIDE IF ADDITIONAL SPACE IS NEEDED

Orig: Dist  
cc: MBP      MCB  
    KID      File