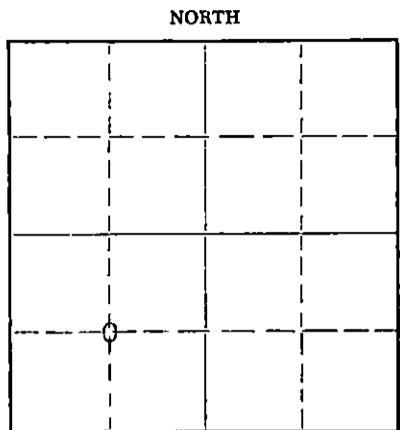


STATE OF KANSAS  
STATE CORPORATION COMMISSION

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



Locate well correctly on above  
Section Plat

Stevens County. Sec. 23 Twp 315 Rge. (E) 35 (W) (W)  
Location as "NE/CNW/SW" or footage from lines Center of SW 1/4  
Lease Owner Mobil Oil Company  
Lease Name Maud L. Roland Well No. 2  
Office Address 300 North Broadway, Wichita 2, Kansas.  
Character of Well (completed as Oil, Gas or Dry Hole) Gas Well  
Date well completed 6-11-1958  
Application for plugging filed (By Phone) 5-2-1960  
Application for plugging approved (By Phone) 5-2-1960  
Plugging commenced 5-9-1960  
Plugging completed 5-9-1960  
Reason for abandonment of well or producing formation well watered out and was incapable of producing a commercial quantity of gas.  
If a producing well is abandoned, date of last production March 21, 1960  
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 William Lackemp, Jr.  
Producing formation Chase Group Depth to top 2590 Bottom 2690 Total Depth of Well 2716 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
Hallenberg	Gas	2588	2594	8-5/8"	613'	None
Herrington	Gas	2616	2626	5 1/2"	273 1/2'	None
Krider	Gas	2610	2668			
Winfield	Gas	2684	2708			

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.  
Squeezed perf 2588-94', 2616-26', 2610-68', 2684-2708' with 110 sacks common cement. Top of cement at 2068'. Mudded up to 660'. Spotted 5 sacks common cement from 660-620'. Mudded up to within 40' of surface. Spotted 5 sacks cement from 40' to surface. Cut off and capped casing 2' below surface. No casing pulled.

RECEIVED  
STATE CORPORATION COMMISSION

JUN 2 1960

CONSERVATION DIVISION  
Wichita, Kansas

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

Name of Plugging Contractor Halliburton  
Address Duncan, Oklahoma.

STATE OF Kansas, COUNTY OF Sedgwick, ss.  
G. S. Young, Jr. (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) G. S. Young, Jr.  
300 North Broadway, Wichita 2, Kansas.  
(Address)

SUBSCRIBED AND SWORN TO before me this 1 day of June, 1960

My commission expires May 1, 1962

Wm. J. Gordon  
Notary Public.



15-189-00177-0000  
(8-54)  
**MAGNOLIA PETROLEUM COMPANY**  
**WELL RECORD**

X-1316

RECEIVED  
AUG 1 1958  
H. K. ROLLAND, JR.

Total Depth Drilled <u>2764'</u>	Permit No. _____	Lease Name <u>MAUD L. ROLAND UNIT</u>
Oil String Set @ <u>2751'</u>	Serial No. _____	Well No. <u>2</u>
Plug Back Depth <u>2575'</u>	Completed as <u>Oil Well</u>	Field <u>Houston</u>
Vertical or Directional Hole <u>Vertical</u>	(TYPE OF WELL)	District <u>Chadwick</u>
County <u>Stevens</u> State <u>Kansas</u>	State Reg. District <u>Great Bend, Kansas</u>	
Block Section <u>23</u> Lot <u>32</u> Township <u>22N</u> Range <u>15W</u>	Distance From Nearest Town <u>2 miles west of Lawrence, Kansas</u>	
Location of Well: <u>S 24th, 1220 Ave, 1120 ESE</u>		

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked	4-21-58	L. D. Carr, Civil Engineer	
Local Location	4-21-58	Harbour Drilling Co., Tulsa, Oklahoma	
Commenced Erecting Derrick	5-2-58		
Completed Erecting Derrick	5-2-58		
Commenced Rigging Up	5-2-58		
Initial Rigging Up Completed	5-2-58		
Commenced Drilling (Spud Date)	5-2-58		1:30 P.M.
Completed Drilling (Total Depth)	5-11-58		
Moved In Cable Tools	5-11-58	Graham Michalio Co., Wichita, Kansas	
Oil String Casing Set <u>2751'</u>	5-9-58	Harbour Drilling Co., Tulsa, Oklahoma	
Plug Back (Final) <u>2575'</u>	6-13-58	Graham Michalio Co., Wichita, Kansas	Water Plug
Perforations (Final) <u>2510-2670</u>	6-13-58	HMC Houston, Texas	W/12" Jets
Completed Subsurface Installations (Final)	5-9-58	Supervised by U. J. Poindester	
Completed Well Head Installations (Final)	5-11-58	WPC Production Workmen	2-5/8" 25' Don E. Underlifter eqpt.
Commenced Bringing in (Final)	5-11-58		W/2" 2" Outlets 2000
Well Cleaned (Final)	6-11-58		10 1/2" 2000' test
Commenced Abandonment			
Completed Abandonment		Go Coupl. Dates 6-11-58	

\* Insert the first work started, as; Build Road, Build Board Road and Turn around, Dig Canal, Clear and/or Grade Location, Lay fuel and Water Lines, Dig Slush Pit, Build Rig Foundation, or, Install Drilling Foundation.

NO. DAYS WATER USED <u>None by Contractor</u>	SOURCE <u>None</u>
NO. DAYS FUEL USED <u>None by Contractor</u>	KIND <u>None</u> SOURCE <u>None</u>
Measuring Point Will Be <u>Ground</u>	Kelly Bushing <u>None</u> Kelly Bushing to <u>None</u> Surface Csg. <u>None</u>
Kelly Drive Bushing <u>2954'</u>	Elevation <u>2947'</u> To Gr. Elev. <u>7</u> Surface Csg. Flg. <u>11</u> Flange Elev. <u>2943'</u>

Transfer No. In: 6225, 6226 **CASING, TUBING, & \* CEMENTING RECORD** Transfer No. Out:

Size	Weight	Collars & Threads	Kind	Rqd.	Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
						Put In	Pulled	Left In		
0-5/8	32#	8 1/2	Taprod	2	30	613°		613°	None	None
5/8	11 1/2 #	8 RT	0-55	0	75	2353°			None	7 - 2490-2552 2555-2617 2618-2675 2730
5/8	11 1/2 #	8 RT	H-10	2	6	172°				
5/8	11 1/2 #	8 RT	H-10	3	5	210°		210°		

0-5/8" csg set @ 654' w/350 at 25' co. elev., 5-3-58 100 lb. hrs  
5-2/8" csg set @ 2765 w/1000 at 25' co. elev., 5-9-58

\* Following each string of casing, and using the full width of the sheet, give complete cementing record as follows: Where landed, Amount and kind of cement, Amount and kind of Additives, Stages of Cementing, Cement Tops, Slurry weight per Gal. and WOC Hours.

Give the balance of Well Record by Sections, in the order listed below, carefully following instructions in the Field Manual for each section. Use the reverse side of this sheet and subsequent sheets on Form X-6727 As needed.

Section 1- Production Tests and Potential Test Data	Section 7- Core Record
Section 2- Formation Summary	Section 8- Bit Record
Section 3- Depth Measurements	Section 9- Acidizing or Other Completion Operation
Section 4- Drill Stem Tests	Section 10- Summary of Operations
Section 5- Perforating and Squeeze Record	Section 11- Formation Record
Section 6- Surveys Performed	Section 12- Plugging & Abandonment Record

Original Signed By:  
**J. T. ROSENBERGER**

Lease Name MAUD L. ROLAND UNIT Well No. 2 Sheet No. 2

**MAGNOLIA PETROLEUM COMPANY  
WELL RECORD**

**SECTION NO. 1 - PRODUCTION TESTS AND POTENTIAL TEST DATA:**

Completed as Dry Gas Well.

NPCo Wet Gas Dept test completed on 6-16-58 in the Chase Group Formation, Krider Zone; top of Krider 2637 bottom 2688; perforated w/1 1/2" Jet holes from 2640-68. Well produced an absolute open flow back pressure test for 2 1/2 hours at a rate of 606 MCF/day. SICP 3108, calculated deliverability 62h MCF/day. Well producing at a rate of 457 MCF/day. Connected to Hicker Gasoline Plant Gathering System.

**SECTION NO. 2 - FORMATION SUMMARY: Data taken from X-1892**

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>DST</u>	<u>REG LOG</u>	<u>GR-N LOG</u>	<u>REMARKS</u>
Sand & Clay	0	325				
Sand & Red Bed	325	575				
Red Bed	575	1615				
Shale	1615	2044				
Lime & Shale	2044	2185				
Anhydrite & Lime	2185	2405				
Lime	2405	2472				
Anhydrite & Shale	2472	2557				
Lime & Shale	2557	2746				

OR See Sec 6 for surveys

**SECTION NO. 3 - DEPTH MEASUREMENTS:**

	<u>DRILLERS DEPTH</u>	<u>STEEL LINE</u>	<u>FOR-N LOG *REG LOG</u>	<u>WELL BUSHING TO FLANGE 11"</u>	<u>SURFACE FLANGE DEPTH (*)</u>
Drillers Depth	2746	2746	#2747		2735
Casing Seat (Surf)	65h	65h			64h
Casing (Oil)	2745	2745			2734
Plug Back Depth	2675	2675			2660
Rotary Total Depth	2746	2746	#2747		2735
Perforations	2684-2708	2684-2708	Squeezed		2673-2697
	2640-2668	2640-2668	Squeezed		2629-2657
	2616-2626	2616-2626	Squeezed		2105-2615
	2588-2594	2588-2594	Squeezed		2577-2583
	2690-2700	2690-2700			2679-2689
	2684-2688	2684-2688			2673-2677
	2640-2668	2640-2668			2629-2657

Collars or radius markers as shown on Lane Wells form, collar chart.  
\* Indicates corr. measurement from surf csg flange as per datum.

**SECTION NO. 4 - DRILL STICK TESTS: Data taken from Morning Report & Sv Co Reports**

None

**SECTION NO. 5 - PERFORATING AND SQUEEZE RECORD: Data taken from Morning Report & Sv Co Reports**

<u>PERFORATING RECORD NO.</u>	<u>FROM</u>	<u>TO</u>	<u>CEMENT USED</u>	<u>TOOL JOBS</u>	<u>SIZE</u>	<u>KIND</u>	<u>FB #</u>	<u>WELD FLAG TO</u>	<u>MAX PRESS</u>	<u>REMARKS</u>
96	2684	2708	75	40	2680	15/32" Bullet	2692	2706	1000#	Dump 45 gal Cement to 2692
112	2640	2668	150	135	2582	15/32" Bullet	2692		1000#	Also squeeze 2606-92
40	2616	2626	"	"		"			"	"
24	2588	2594	"	"		"			"	"
40	2690	2700				1/2" Jet	2702			
16	2684	2688				"	"			
112	2640	2668				"	2675			

Final Plug Back Depth: 2675  
No DST

**SECTION NO. 6 - SURVEYS PERFORMED:**

No.	Kind	From	To
1	Lane Wells Perforating Formation Collar Chart	2500	2700
1	Wolox - Radiation Guard Log	654	2607

**TOTCO DEVIATION SURVEY**  
DEPTH      OFF VERTICAL

220	1/4 Degree
612	1 "
910	3/4 "
1450	1 "
1825	1 1/2 "
2025	1-3/4 "
2225	1-3/4 "
2320	1-3/4 "
2550	2 "
2746	2 "

NO DIRECTIONAL SURVEY - VERTICAL HOLE  
 AVERAGE HOLE DIAMETER 7-7/8

**SECTION NO. 7 - CORE RECORD:**

No Cores Taken.

**SECTION NO. 8 - BIT RECORD:** Data taken from X-1892

No. Used	Size	Kind	From	To
1	12-1/4"	Rockbit	0	655
4	7-7/8"	"	655	2746

**SECTION NO. 9 - ACIDIZING OR OTHER COMPLETION OPERATIONS:** Data taken from Morning Report

- 5-13-58 Water frac perf 2588-94, 2616-26, 2640-68, 2684-2700 thru 5 1/2" csg w/50,000# sd + 50,000 gal 3% acid treated water and 248 nylon balls. Broke form w/water 1800#. Max press 1100# min 500# final 1100#. Rate 59 BPM, flushed w/72 BW, total 1330 bbls to rec. Test show 7680 MCF/day. (-630 BLW). Csg press 400. Flowed 630 BLW + salt water - 12 hrs. (SI 12 hrs) Gas vol 7680 MCF/day.
- 6-12-58 Acidize perf 2684-88, 2690-2700 w/500 gal 15% acid vacuum all the way (used 6 BLW + 11 BAW) Rec 6 BLW + 11 BAW. Kicked off and flowed thru 2" tbg. -11 hrs. Made 77 BSW + 525 MCFPD
- 6-14-58 Acid perf 2640-68 w/1000 gal 15% acid on vacuum all the way. Flushed w/40 BW. Swabbed and rec 40 BLO + 25 BAW. Swabbed total 186 BSW in 18 hrs. GV 2300 MCF. Last 4 hrs, flowed 7 BWPH

**SECTION NO. 10 - SUMMARY OF OPERATIONS:** Data taken from Morning Report

**(1) Drilling and Exploratory Operations Performed:**

- 4-28-58 Location staked
- 4-29-58 MERT
- 4-30-58 RHR
- 5-2-58 Spud in 4:30 P. M.
- 5-3-58 Set 8-5/8" csg @ 654' w/350 sz Pozmix - circ. Flag down 5:30 P. M.
- 5-8-58 TD 2746 Ran Wolox elec log. Top Hollenberg 2588, Harrington 2615, Kridar 2637, Winfield 2682
- 5-9-58 Set 5 1/2" csg @ 2745' w/1000 sz Pozmix - circ. PD 2:20 P. M.
- 5-10-58 Nipple up 5 1/2" csg. Release rig @ 3:00 P. M.

**(2) Completion Operations Performed:**

- 5-12-58 Moving in cable tools and rigged up. Ran Gamma Ray log perf 5 1/2" csg 2684-2708, 2640-2668, 2616-2626, 2588-2594 w/272 bullets by Lane Wells. Prep to frac.
- 5-13-58 Wtr frac perf 2588-94, 2616-26, 2640-68, 2684-2708 thru 5 1/2" csg w/50,000# sd + 50,000 gal 3% acid treated water and 248 nylon balls. Broke form w/water 1800#. Max pressure 1100# min 500# final 1100#. Rate 59 BPM, flushed w/72 BW total 1330 bbls to rec. Swab 100 BLW - 1 hr. Bailed est 2000# sd - 11 hrs. Bailing @ 2680#.
- 5-14-58 Sd pumped 6,000# sand 12 hrs, swabbed and flowed 600 BW - 12 hrs. Test show 7680 MCF/day (-630 BLW)

OPTION NO. 10 - SUMMARY OF OPERATIONS

1) Completion Operations Performed, Cont'd.

5-15-58 SI 12 hrs. Csg press 400. Flowed 630 BSW.

5-16-58 Release rig 1:00 P. M. Flowed 6 hrs 35 BSWPH, rate 2 1/2 million CF/day

5-17,18-58 Prep move in pulling unit and run 2" tbg and pack to check wtr in Winfield form.

5-19-58 Rig up cable tools. Run measure line 11' sd to 2697, kill well w/210 bbls wtr. Bailed sd to 2708'. Prep to dump Cement 2700-2708 6:00 A. M.

5-20-58 PB 2708. Plug back perf 2708-2700 w/30 gal Cement. Job compl 3:00 A. M.

5-23-58 Swabbed 250 BW - 6 hrs thru csg. Flowed 100 BW - 3 hrs. Total 350 BW - 9 hrs (-250 BW) Gas Vol 1470 MCF/day

5-24-58 Swabbed and Flowed 250 BSW - 9 hrs. Flowing at rate of 60 BSW per hr.

5-25-58 Killed well w/280 BSW - checked bottom. Top sd 2685' C/O to 2700'. Dumped 15 gal Cement. PB to 2692'.

5-27-58 PB 2692' swabbed and flowed 280 BSW - 6 hrs. Flowed 30 BSW per hr for 2 hrs in pits. Estimated 1 million MCF gas.

5-28-58 PB 2676' Set Baker GI plug @ 2676', flowed thru separator back pressure 75' to 57'. Prep to run tbg and test upper perf.

5-29-58 PB 2676', flowed thru 2" openings 9 hrs. Made 100 BSW Rate 20 BPH. Gas Vol 1st hr 2420 MCF. Last 2 hrs 2695 MCF.

5-30-58 PB 2675' Run 4" Lynch straddle packer on 2" tbg. Stopped 2645' would not go. Pulled tbg and packer, ran sand pump. C/O 31' sand to 2676'. Ran packer, straddler perf 2616-2626' w/rubber @ 2611 and 2631. Used 250 BSW to kill well. Flowed 6 hrs (Total 135 bbls)

5-31-58 PB 2676', connect to separator. Gas Vol 770,000 CF. Changed packer to 2588-94. Swabbed 2 hrs. No show of gas. Changed to packer to 2640-68, opened up, flowed 2nd hr leveled off 27 BSWPH 930,000 CF gas. Killed well and pulled packer.

6- 2-58 PB 2692' measured hole. Top sd 2661', C/O 15' 2676' (Top bridge plug) drove bridge plug to 2684'. Drove bridge plug to 2684'. Drove plug and C/O to 2692' Top (Cement). Set DC Tool at 2582'. Squeezed perf 2684-2708, 2640-68, 2616-26, 2588-94 w/150 ex reg cement, 1000# thru 2" tbg

6- 4-58 PB 2692' Bailed hole to 1500'. Drilled retainer @ 2582'. Bailed hole to 2582', tested dry 1 hr. Drilling cement 2595', no show of gas.

6- 5-58 PB 2692'. Drilled cement to 2670' test, no oil, no gas.

6- 6-58 PB 2690'. Drilled cement 2670-2680'. Drilled 2685-87. Tested dry 30 min. Drilled from 2687-90, water and sand came in hole. Swabbed 55 bbls wtr and 60 gal sand in 4 hrs. Tested w/swab 8 hrs, made 50 BSW. Last 3 hrs - 4 bbls SWPH. Show of gas, not enough to test.

6- 7-58 PB 2690', swabbed 75 BSW - 2h hrs, making 160 MCFPD

6- 8-58 Swabbed 60 BSW - 2h hrs, 206 MCF gas PD

6- 9-58 Drilled bridge plug to 2692', drilled Cement to 2706'. Ran Halliburton Retrievable packer on 2" tbg set @ 2680'. Squeezed perf 2684-2706' thru 2" tbg w/75 ex reg cement. Max press 1000#, pulled 2" tbg.

6-11-58 PB 2701, drilled cement 2680-2701. Tested dry 1 hr. Perf 5 1/2" csg 2690-2700' w/10 jet holes. Water filled up 100' in 30 min. Swabbed and bailed 19 BW + 10 gal sand in 12 hrs. Last 6 hrs - bailed 1 BW/hr. Small show of gas.

6-12-58 PB 2701, perf 5 1/2" csg 2684-88 w/16 jet holes. 100' wtr in hole. Ran Halliburton retrievable packer on 2" tbg. Packer at 2680', acidized perf 2684-88, 2690-2700 w/500 gal 15% acid, vacuum all the way. Swabbed 2 hrs thru 2" tbg. Kicked off and flowed thru 2" tbg - 11 hrs. Made 77 BSW + 525 MCFPD.

6-13-58 PB 2675', pulled 2" tbg and packer. Set Baker GI bridge plug @ 2675'. Perf 2640-680 w/112 jet shots (PGAC). Tested 11 hrs w/swab - made 9 bbls wtr + 481 MCF.

6-14-58 PB 2627' acid perf 2640-68 w/1000 gal 15% acid on vacuum all the way. Flushed w/10 BW. Swabbed and rec 40 BSW + 25 BAW. Swabbed total 186 BSW in 18 hrs. GW 2300 MCF. Last 4 hrs flowed 7 BSWPH.

6-15-58 PB 2675', flowed 80 BSW - 2h hrs. Making 2720 MCFPD, Last 10 hrs 3 BSWPH.

6-16-58 2 1/2 hrs flow press test, csg press 310' OF 606 calculated. Deliverable 795 MCF/d. Shut in. No wtr on test. Rig released midnight.

SECTION NO. 11 - FORMATION RECORD: Data taken from Geological Letter

FORMATION	DEPTH	SUB-SEA	SOURCE
Hallenberg	2588	• 365	Water
Herrington	2615		"
Krider	2637		"
Winfield	2682	• 271	"
Total Depth	2747		"

SECTION NO. 12 - PLUGGING AND ABANDONMENT RECORD:

Magnolia Petroleum Company  
**SUPPLEMENT TO WELL RECORD**

X-5070

DATE May 19, 1960.

LEASE <u>Maud L. Roland</u>		WELL NO. <u>2</u>	DISTRICT <u>Wichita (Chase)</u>	
STATE <u>Kansas</u>		COUNTY OR PARISH <u>Stevens</u>		
REASON FOR WORK <u>Well watered out and was incapable of producing <b>commercial</b> quantity of gas.</u>				
<input type="checkbox"/> WORK OVER <input type="checkbox"/> CLEAN OUT <input type="checkbox"/> RECOMPLETION <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> DRILL DEEPER <input type="checkbox"/> PLUG BACK <input checked="" type="checkbox"/> ABANDONMENT				
APPROPRIATION NO. <u>None</u>	AMOUNT REQUESTED \$ <u>None</u>	APPROXIMATE EXPENDITURE <u>\$-0.00</u>	ESTIMATED MONTHS TO PAY OUT <u>-</u>	
WORK PERFORMED BY <u>Halliburton</u>			DATE WORK COMMENCED <u>5-9-60</u>	DATE COMPLETED <u>5-9-60</u>
PRODUCTION BEFORE <u>1 MCF/D</u>				
POTENTIAL TEST AFTER <u>None</u>				

PREVIOUS T.D. <u>2746'</u>	P.B.T.D. <u>2675'</u>	MEASURING POINT <u>K.B.</u>
PRESENT T.D. <u>2746'</u>	P.B.T.D. <u>Surface</u>	MEASURING POINT <u>K.B.</u>
PREVIOUS PRODUCING FORMATION (S) AND DEPTH (S) <u>Krider Zone 2637-82'</u>		PRESENT PRODUCING FORMATION (S) AND DEPTH (S) <u>None</u>
CHANGE (S) IN CASING RECORD <u>None</u>		

SUMMARY OF OPERATIONS  
Squeeze perf 2588' to 2708' w/110 sx common cement. Max. press 1000#.  
Top cement 2068'. Mud to 660'. 5 sx cement 660' to 620', mud to 30',  
5 sx cement 30' to base of cellar. Cut off 5 1/2 casing 30" below ground  
level. Welded steel plate over 5 1/2" csg. Filled to ground level with  
dirt.

Orig: District Office Well Record. ✓

cc: Div. Oper. Supt.

Expl. & Prod. Acctg. Dept.