

15-077-10135-0000

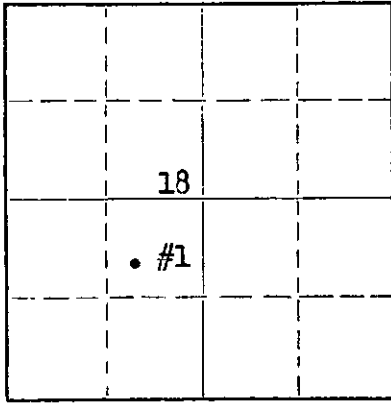
STATE OF KANSAS
STATE CORPORATION COMMISSION

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

Harper County, Sec. 18 Twp. 32 Rge. 9 (W)
Location as "NE/CNW/SW" or footage from lines SW NE SW
Lease Owner Magnolia Petroleum Co.
Lease Name Walter F. Hale Well No. 1
Office Address Box 770, Great Bend, Kansas
Character of Well (completed as Oil, Gas or Dry Hole) Oil
Date well completed 4 - 29 19 56
Application for plugging filed 4 - 22 19 58
Application for plugging approved 4 - 24 19 58
Plugging commenced 5 - 10 19 58
Plugging completed 5 - 14 19 58
Reason for abandonment of well or producing formation Not economical to operate.

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production 3 - 18 19 58
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 Fred Hampel, Pretty Prairie, Kansas
Producing formation Mississippi Depth to top Bottom Total Depth of Well 4354 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
Mississippi	Oil & Wtr	4335	4327	9-5/8	343	None
				5-1/2	4336	3306

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 - 4340. Plug back w/sd fr 4340 to 4300. Dumped 5 sx cmnt fr 4300 to 4260. Pulled 5-1/2" csg to 1500 & circ 21 sx gel mud. Set 10' rock bridge fr 250 to 240. Dumped 25 sx cmnt fr 240 to 170. Mudded fr 170 to 47. Set 10' rock bridge fr 47 to 37. Dumped 15 sx cmnt fr 37 to base of cellar. Welded steel plate on surf csg 3' below ground.

RECEIVED
MAY 16 1958
5-16-58
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
J. T. Rosenberger (employee of owner) or (owner/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) J. T. Rosenberger
Great Bend, Kansas (Address)

SUBSCRIBED AND SWORN TO before me this 15th day of May, 19 58
Harriett S. Kaiser
Notary Public.

My commission expires January 11, 1961

Orig: Corp. Comm. ✓
cc: Fred Hampel
File

PLUGGING
FILE SEC. 18 T. 32 R. 9W
BOOK PAGE 95 LINE 11

WELL RECORD

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Total Depth Drilled _____ Permit No. _____ Lease Name _____
 Oil String Set _____ Serial No. _____ Well No. _____
 Plug Back Depth _____ Completed as _____ Field _____
 Vertical or Directional Hole _____ (TYPE OF WELL) _____ District _____

Parish _____ State _____ State Reg. District _____
 County _____
 Block Section _____ Lot Township _____ Unit Range _____ Distance From Nearest Town _____
 Location of Well: _____

DATE SUMMARY	Date	Work Performed By	Remarks
Location Staked			
* Level Location			
Commenced Erecting Derrick			
Completed Erecting Derrick			
Commenced Rigging Up			
Initial Rigging Up Completed			
Commenced Drilling (Spud Date)			
Completed Drilling (Total Depth)			
Moved In Cable Tools			
Oil String Casing Set			
Plug Back (Final)			
Perforations (Final)			
Completed Subsurface Installations (Final)			
Completed Well Head Installations (Final)			
Commenced Bringing in (Final)			
Well Cleaned (Final)			
Commenced Abandonment			
Completed Abandonment			

* 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 : SOURCE _____
 NO. DAYS FUEL USED : KIND _____ SOURCE _____
 Measuring Point Will Be _____ Ground _____ Kelly Bushing _____ Kelly Bushing to _____ Surface Csg. _____
 Kelly Drive Bushing. _____ Elevation _____ To Gr. Elev. _____ Surface Csg. Flg. _____ Flange Elev. _____

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

Size	Weight	Collars & Threads	Kind	Rge	Jts.	Total Feet Less Threads			Total No. Scratchers and Where Placed	Total No. Centralizers and Where Placed
						Put In	Pulled	Left In		
2 1/2"	18	SS + S								
2 1/2"	18	32.9W								
5 1/2"	95	LINE 4L								

4-24-58

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

MAGNOLIA PETROLEUM COMPANY

WELL RECORD

15-077-1035-0000

Well No.:

Location:

Shale:

Line-annealed:

Line-40:

Line-30:

Line-20:

Line-10:

Line-5:

Line-2 1/2:

Line-1 1/2:

Line-3/4:

Line-1/2:

Line-3/8:

Line-1/4:

Line-1/8:

Line-1/16:

Line-1/32:

Line-1/64:

Line-1/128:

Line-1/256:

Line-1/512:

Line-1/1024:

Line-1/2048:

Line-1/4096:

Line-1/8192:

Line-1/16384:

Line-1/32768:

Line-1/65536:

Line-1/131072:

Line-1/262144:

Line-1/524288:

Line-1/1048576:

Line-1/2097152:

Line-1/4194304:

Line-1/8388608:

Line-1/16777216:

Line-1/33554432:

Line-1/67108864:

Line-1/134217728:

Line-1/268435456:

Line-1/536870912:

Line-1/1073741824:

Line-1/2147483648:

Line-1/4294967296:

Line-1/8589934592:

Line-1/17179869184:

Line-1/34359738368:

Line-1/68719476736:

Line-1/137438953472:

Line-1/274877906944:

Line-1/549755813888:

Line-1/1099511627776:

Line-1/2199023255552:

Line-1/4398046511104:

Line-1/8796093022208:

Line-1/17592186044416:

Line-1/35184372088832:

Line-1/70368744177664:

Line-1/140737488355328:

Line-1/281474976710656:

Line-1/562949953421312:

Line-1/1125899906842624:

Line-1/2251799813685248:

Line-1/4503599627370496:

Line-1/9007199254740992:

SERVICES:

Drilling length	
Drill pipe	431
1st Set (S&F)	3
2nd Set (S&F)	
Bottom hole depth	
Drill pipe length	
Perforations	(none)
Collars of bit	
Other	

✓ SERVICES:

Drilling	
Logging	
Testing	
Production	
Other	

✓ SERVICES:

Drilling	
Logging	
Testing	
Production	
Other	

4-24-58
APR 24 1958
MAGNOLIA PETROLEUM COMPANY
VICTORIA, BRITISH COLUMBIA

15-077-10135-0000

DEPTH

220	1/4 Degree
560	0 Degree
1100	3/4 Degree
1927	3/4 Degree
2126	3/4 Degree
2395	3/4 Degree
3575	3/4 Degree
3910	1/2 Degree

NO. OF...
AVERAGE...
7 1/2"

SECTION NO. 7 - CORE SAMPLES: Data taken from...

NOTE

SECTION NO. 8 - BIT WEIGHT: Data taken from...

No. Used	Size	Kind	From	To
1	12 1/4	Hookbit	C	355
12	7 1/2	Hookbit	355	1313

SECTION NO. 9 - APPLICABLE OPERATIONAL CONDITIONS: Data taken from...

- #1, 1-28-56 Acidize on hole 13 1/2" w/25% acid 1500-1515 rate 1/2 SPI, 5 min SIP 1050# - 12 hrs; swb 30 hrs in 2 hrs - 4" PIC - 6 (10)
- #2, 1-29-56 Petrochem prod on hole 13 1/2" w/25% acid 1500-1515 rate 1/2 SPI, 5 min SIP 1050# - 12 hrs; swb 30 hrs in 2 hrs - 4" PIC - 6 (10)

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

(1) Drilling and Exploratory Operations Performance:

- 1-7-56 Location Staged
- 1-10-56 Spudded 11 3/4"
- 1-11-56 Set 11 3/4" casing w/200 ex Formix A - 11 3/4" O.C.
- 1-21-56 P.S.T. #1
- 1-23-56 Set 11 3/4" casing w/200 ex Formix A - 11 3/4" O.C.
- 1-24-56 Set 11 3/4" casing w/200 ex Formix A - 11 3/4" O.C.

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(2) Completion Operations Performance:

- 1-25-56 WCT
- 1-26-56 Boiler hole dry - test
- 1-27-56 No. 11 3/4" - cemented out to bottom boiler hole 2 hrs on bottom show oil - 11 3/4" - cemented w/boiler 2 hrs, w/show oil
- 1-28-56 No. 11 3/4" - cemented w/boiler 2 hrs, w/show oil - 11 3/4" - tested w/boiler 2 hrs w/show oil (last 3 hrs - 2 gal oil per hr) No wtr. Samples w/ing lighter (50-50)
- 1-28-56 5 hr ball test - 2 gal oil per hr - ran 11 3/4" - ran 2" tub to 1365 - Acidized open hole 13 1/2" (See Sec #9)
- 1-29-56 Flowed 62 PIC - 2 hrs, very fine mist, thru 3/4" ch TP 100# CP 200# Gas vol 73% MCF; Petrochem Prod from 13 1/2" (See Sec #9)
- 1-30-56 Flowed 240 PIC + 50 BSI - 2 hrs, 11 3/4" ch TP 700# CP 960# gas vol 2530 MCF - 2 hrs, not corr - 300 PIC to 1 (last 4 or 5 hrs flowed 13 PIC per hr)
- 5-1-56 Flowed 54 PIC + 35 BSI - 12 hrs - 11 3/4" ch TP 700# CP 960# gas vol 2530 MCF - 30.5 hrs corr - 100 PIC to 1
- 5-2-56 Flowed 11 PIC + 24 BSI - 6 hrs; vol 2310 MCF TP 210# CP 1150# 1/2" ch (18 hrs shut in)
- 5-3-56 Flowed 35 PIC + 24 BSI - 6 hrs; Vol 1110 MCF TP 120# CP 1120# 1/2" ch GDR 3 1/2" - 1
- 5-1-56 State Forential; Flowed 11 PIC + 115 BSI - 2 hrs, Gas 2110 MCF TP 600# CP 1150# 1/2" ch 11/32" Sprr 30.5 hrs corr - 100 PIC to 1 (3 hr test - Flowed 21 PIC)

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

FORMATION	DEPTH	SUB SEA	SOURCE
Heebner	3384	-1938	Samples RTY
Douglas Sand	3154	-2009	"
Lansing	3602	-2156	"
Kansas City	3891	-2445	"
Base Kansas City	4109	-2663	"
Mississippi	4322	-2876	"
Rotary Total Depth	4348		R. drlr.
Total Depth	4354		C.T. drlr.
Heebner	3382	-1936	Welex R. Log
Douglas Sand	3452	-2006	"
Lansing	3600	-2154	"
Kansas City	3890	-2444	"
Base Kansas City	4106	-2660	"
Mississippi	4321	-2875	"
Total Depth	4354		"

4-24-58

WORKOVER COMPLETED: 2-19-57, Welox Jet Services, Inc., Ft. Worth, Texas, and Halliburton, Duncan, Oklahoma

WORKOVER COMPLETED: 3-15-57

PURPOSE OF WORKOVER: Plug back and squeeze open hole, perforate and fracture perforations in present producing formation in an attempt to increase production of oil or gas.

HISTORY OF WORKOVER: Moved in tools & rigged up. Pulled rods & 2" tbg. Set Halliburton DC Retainer @ 4340'. Ran 2" tbg. Sq. open hole 4347-54' w/100 ox-Pomix A thru 2" tbg. Max Press 3500#. 80 sx in formation. Reversed out 20 sx. Pulled 2" tbg. Sq. job completed @ 4:00 P. M. 2-20-57. Perf 4327-4335' w/32 jet holes (Hall.) Ran 2" tbg to 4325', op end. Acid perms 4327-35' w/250 gals MCA thru 2" tbg. Max press 2200#, min 1550#, final 1550#, 5 min SI 1500#. Rate 1/4 BPM. Overflush w/2 bbls oil. Total load 101 BLO + 6-BAW. 4340' PB. Sbd 91 BLO + 5 BAW - 9 hrs. Sbd off bottom (-10 BLO + 1 BAW). No show of gas. Visofrac perms 4327-4335' w/10,000# sd + 10,000 gals lse oil thru 5-1/2" csg w/2" tbg @ 4325'. Break w/oil @ 3000# - 1 1/4 BPM. Total 40 BO. Max press 3300#, min 2900#, final 2900#, rate 1 1/4 BPM. Overflush w/50 BO. 5 min SI 1200#. Total load 475 BO (-485 BLO). Sbd 90 BLO + 40 BSW - hrs. Sbd 1000' off bottom (-395 BLO). Slight show of gas. Last hr sbd 11 BLO + 5 BSW. Ran rods & POP. Pumpd 30 BLO + 50 BW - 12 hrs w/good show of gas. (-365 BLO). Pumpd 102 BLO + 110 BSW - 24 hrs. Good show of gas. Gas is increasing. (-263 BLO). Pumpd 72 BLO + 120 BSW - 24 hrs. (-191 BLO). Good show of gas. Pumpd 45 BLO + 110 BSW - 24 hrs (-146 BLO). Pumpd 40 BLO + 105 BSW - 24 hrs. (-106 BLO). Gas vol 50 MCF Est. Pumpd 4 BLO + 110 BW - 24 hrs (-102 BLO). Pumpd 3 BLO + 110 BW - 24 hrs (-99 BLO). Good show of gas. Est 25 MCFPD. Pumpd 5 BLO + 110 BW - 24 hrs (-94 BLO). Pumpd 8 BLO + 110 BW - 24 hrs (-86 BLO). Pumpd 5 BLO + 105 BW - 24 hrs (-81 BLO). Pumpd 8 BLO + 100 BW - 24 hrs (-76 BLO). Pumpd 8 BLO + 105 BW - 24 hrs (-68 BLO). Pumpd 8 BLO + 110 BW - 24 hrs (-60 BLO). Pumpd 10 BLO + 110 BW - 24 hrs. (-50 BLO). Pumpd 9 BLO + 110 BW - 24 hrs (-41 BLO). Pumpd 12 BLO + 100 BSW - 24 hrs (-29 BLO). Pumpd 13 BLO + 116 BSW - 24 hrs (-16 BLO). Pumpd 10 BLO + 100 BSW - 24 hrs (-6 BLO). Pumpd 6 BLO + 60 BSW - 16 hrs (All load rec). Pumpd 10 BO + 100 BSW - 24 hrs. 12 x 5/4 x 1-1/4" Pump. Old TD: 4354', PSTD: 4340'.

SUPERVISED BY:

Mr. J. B. Ledbetter, MPCo Production Foreman.

PROD BEFORE: 12 BO + 100 BSW

PROD AFTER: 10 BO + 100 BSW