

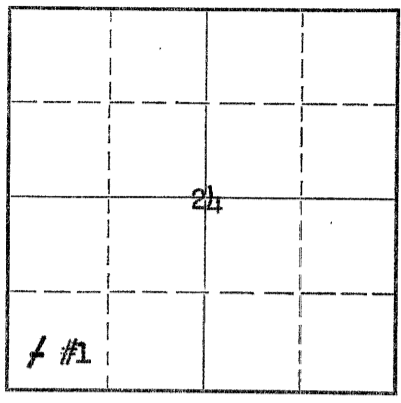
STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
800 Bitting Building
Wichita, Kansas

Graham County. Sec. 24 Twp. 9S Rge. (E) 22 (W)
Location as "NE/CNW/SW" or footage from lines SW SW SW; 330' FSL & 330' FWL SW
Lease Owner Magnolia Petroleum Company
Lease Name Mary E. KERN Well No. 1
Office Address Box 900, Dallas, Texas
Character of Well (completed as Oil, Gas or Dry Hole) Dry Hole
Date well completed Temp Abnd 12-2-54
Application for plugging filed 4-15-55
Application for plugging approved 4-19-55
Plugging commenced 4-16-55
Plugging completed 4-23-55
Reason for abandonment of well or producing formation Hole drilled dry

NORTH



Locate well correctly on above
Section Plat

If a producing well is abandoned, date of last production None
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 Eldon Petty
Producing formation None Depth to top _____ Bottom _____ Total Depth of Well 3983 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
				9 5/8"	258'	None
				5 1/2"	3670'	2828'

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.

Plugged back to 3550' w/sand, dumped 4 sx cmnt, mudded hole to 250'. Set 5' rock bridge, mixed & dumped 20 sx cmnt. Filled hole w/mud to 30' of base of cellar. Set 5' rock bridge. Mixed & put in 10 sx cmnt. Filled to base of cellar. All plugging & mudding done as per Eldon Petty, Corp. Comm. District Plugging Supervisor.

(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.
R. C. Brannin (employee of owner) or (owner or operator)

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) R. C. Brannin

SUBSCRIBED AND SWORN TO before me this 11th day of May, 1955

My commission expires Jan. 14, 1957

Harriett S. Kaiser Notary Public.

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STATE CORPORATION COMMISSION
5/12/55
MAY 12 1955

PLUGGING
FILE SEC 24 T 9 R 22
BOOK PAGE 12 LINE 24

CONSERVATION DIVISION
Wichita, Kansas

WELL LOG

15-065-02199-00-00

Mary E. KERN #1
SW SW SW Sec. 24-9S-22W
Graham County, Kansas
Ironclad Field

Elevation 2357' KB
Total Depth Drilled 3983' RTD

Location Staked 10-20-54 L. C. Case & Carl E. Turner, MPCo Civil Engr.
Derrick Erected 10-22-54 Brack Drilling Co., Fort Collins, Colo.
Spud Date 10-22-54 " " 8:00 AM
Completed Drilling (TD) 11-2-54 " "
Plug Back (Final) 3594' 11-9-54 Wright Drilling Co., Great Bend, Kans.
Perforations (Final) 3572-75 11-9-54 " "

Company Completion Date: 12-2-54, Temp Abd 7:00 AM; Held for SWDW

Transfer No In: 2300-2323-2324 Transfer No Out: 2716-2717

	Put In	Pulled	Left In	Scratchers	Centralizers
9 5/8" 32.30# 8RT ST&C H40	258	--	258	None	None
5 1/2" 15.5# 8RT ST&C J55	3670	2828'	842'	None	3667 - 3337 3615 - 3590

9 5/8" csng set @ 258' w/175 sx cmnt circ 10-23-54
5 1/2" csng set @ 3670' w/150 sx cmnt 11-3-54

SECTION NO. 1- PRODUCTION OR POTENTIAL DATA: This well drld dry & temp abd 12-2-54. Well is being held for future salt water disposal well.

FORMATION	from	to	FORMATION	DEPTH	SUB-SEA	SOURCE
Top Soil & Sand	0	63	Heebner	3532	-1177	Samples MAF
Shale & Shells	63	258	Lansing-Kansas City	3570	-1215	"
Shale, Shells & Sand	258	1560	Arbuckle	3961	-1606	"
Sand	1560	1635	Rotary Total Depth	3983		
Shale, Shells, Red Bed	1635	1860				
Anhydrite	1860	1895	Heebner	3532	-1177	Schlum.
Lime & Shale	1895	2540	Lansing-Kansas City	3571	-1216	"
Lime	2540	2695	Total Depth	3951		
Shale	2695	2855				
Lime & Shale	2855	2985				
Shale & Lime	2985	3300				
Lime & Shale	3300	3690				
Lime	3690	3815				
Lime & Shale	3815	3983				
Rotary Total Depth		3983				
Oil String set @		3670				
Plug Back Depth		3594				

DRILL STEM TESTS:

10-30-54 3572'-82' Open Hole Test, Tool @ 3571', open 1 hr; rec 60' oil & slight gas cut mud 60' of oil muddy wtr FP 15#-65# SIBHP 575# in 20 mins.

PERFORATING RECORD:

11-7-54 3610-15' w/20 5/8" Jets
11-9-54 3572-75' w/12 5/8" Jets, DST #1

SQUEEZE RECORD:

Sq. perf 3610-15', tool @ 3594', 100 sx cmnt, press 3000#, plug @ 3594'
Final Plug Back Depth: 3594'
Prod Perforations : Temp Abd

CORE RECORD:

#1, 3564-72', recovered 8'; 2' shaly foss. lime, 4' red & grn waxy shale, 2' cream semi-dense lime
#2, 3572-82', recovered 4'; 2 1/2' oolitic lime w/excellent interoolitic por. & much free oil.

ACID OR FRAC JOBS:

11-10-54 #1 Acid perf 3572-75' w/500 gal reg thru 5 1/2" csng, 88 ELW MP 625# FP 600#-200# in 12 min after pump shut down (LW rec)
11-12-54 #2 Acid perf 3572-75' w/1000 gal thru 5 1/2" csng. Vac all the way. 88 ELW (LW rec)

(Please see second sheet)

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Wichita, Kansas

PLUGGING
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Mary E. KERN #1 - Page 2

11-14-54 #3 Frac perf 3572-75' thru 2 $\frac{1}{2}$ " tub w/packer @ 3540', 700# moth balls, 300 gal Gel 1500 gal acid 2500#-300#, vac in 10 mins after pump shut down (106 HLW, LW rec)

Drilling & Exploratory Operations Performed

10-22-54 Spudded & set 9 5/8" csng @ 258' w/175 sx cmnt circ.
 10-29-54 Core #1 & #2
 10-30-54 D.S.T. #1
 11-1-54 Run Halliburton GR, GR-N & Guard Logs.
 11-3-54 Set 5 $\frac{1}{2}$ " csng @ 3670' w/150 sx cmnt.

Completions Operations Performed:

11-7-54 Perf 3610-15'
 11-8-54 Squeeze perf 3610-15'
 11-9-54 Perf 3572-75'
 11-10-54 Acid Job #1
 11-11-54 Swb 24 hrs 1/2 BO & 1 BWP
 11-12-54 Acid Job #2, swb 8 hrs 1/2 BO & 1 1/2 BWP
 11-13-54 Swb 24 hrs $\frac{1}{2}$ BO & 1 $\frac{1}{2}$ BWP
 11-14-54 Frac Job #3, pull 2" tub, swb 3 hrs 46 HLW, -60 HLW
 11-15-54 Swb 60 HLW 16 hrs (all load back), swb 8 hrs 12 GO & 67 GWP
 11-16-54 Swb 7 hrs 13 GO & 50 GWP, run 2" tub & rods, prepare to POP
 11-17 to
 11-19-54 Wait on temp pump unit
 11-20-54 Pump 24 hrs 3 $\frac{1}{2}$ BO & 49 BW
 11-21-54 Pump 12 hrs 20 BO & 21 BW
 11-22-54 Pump 6 hrs, No oil & 10 BW
 11-23-54 Pump, no oil & 38 BW
 11-24-54 Pump 24 hrs, 2 BO & 40 BW
 11-25-54 Pump 24 hrs 3 $\frac{1}{2}$ BO & 42 BW
 11-26-54 Pump 24 hrs 3 $\frac{1}{2}$ BO & 45 BW
 11-27-54 Pump 24 hrs 3 $\frac{1}{2}$ BO & 45 BW
 11-28-54 Pump 24 hrs 3 $\frac{1}{2}$ BO & 37 BW
 11-29-54 Pump, 1 BO & 37 BW
 11-30-54 Pump, 3 BO & 42 BW
 12-1-54 Pull rods & tub
 12-2-54 Temp Abandon, hold for future SWDW

PLUGGING AND ABANDONMENT RECORD:

P & A - 4-23-55 Ace Pipe Pulling Co., Great Bend, Kansas
 2828' of 5 $\frac{1}{2}$ " csng pulled

HISTORY OF PLUGGING: Plugged back to 3550' w/sand, dumped 4 sx cmnt, mudded hole to 250'. Set 5' rock bridge, mixed & dumped 20 sx cmnt. Filled hole w/mud to 30' of base of cellar. Set 5' rock bridge. Mixed & put in 10 sx cmnt. Filled to base of cellar. All plugging & mudding done as per Eldon Petty, Corp. Comm. District Plugging Supervisor.

SUPERVISED BY: T. E. Westbrook, MPCo Production Foreman.

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 CORPORATION COMMISSION
 MAY 12 1955
 INSPECTION DIVISION
 Wichita, Kansas