

15-025-10071-0000

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  
212 North Market, Insurance Bldg.  
Wichita, Kansas

Clarke County, Sec. 10 Twp. 34 Rge. 25 (E) (W)

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

Lease Owner Atlantic Refining Co.

Lease Name Harden Gas Unit #3 Well No. 1

Office Address Box 742, Great Bend, Kansas

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

Date well completed 19

Application for plugging filed 4-25-60 19

Application for plugging approved 4-26-60 19

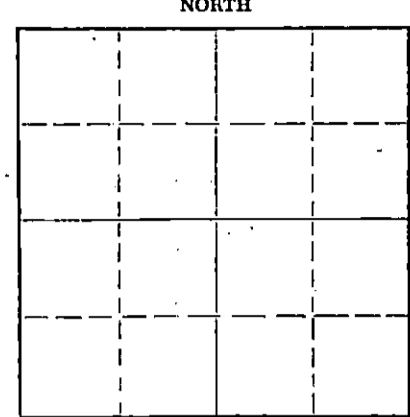
Plugging commenced 4-26-60 19

Plugging completed 4-28-60 19

Reason for abandonment of well or producing formation

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



Locate well correctly on above Section Plat

Name of Conservation Agent who supervised plugging of this well W. L. Lac Kamp, Jr.

Producing formation Depth to top Bottom Total Depth of Well 57.60 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

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.

Run 40' sand @5560 with 5 sacks cement  
Mud to 500' 10' rock bridge and 20 sacks cement  
Mud to 40' 10' rock bridge and 10 sacks cement

RECEIVED  
STATE CORPORATION COMMISSION  
AUG 22 1960  
CONSERVATION DIVISION  
Wichita, Kansas

(If additional description is necessary, use BACK of this sheet)  
Name of Plugging Contractor Southwest Casing Pulling Co., Inc.  
Address Box 364, Great Bend, Kansas

STATE OF Kansas COUNTY OF Barton, ss.  
Southwest Casing Pulling Co., Inc. (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) Roy L. Myers  
Box 364, Great Bend, Kansas  
(Address)  
Roy L. Myers  
Sec. Treas.

SUBSCRIBED AND SWORN to before me this 19 day of August, 19 60

My commission expires December 18, 1962

Juanita R. Myers  
Notary Public.

WELL LOG BUREAU—KANSAS GEOLOGICAL SOCIETY  
508 East Murdock, Wichita, Kansas

15-025-10071-0000  
COPY

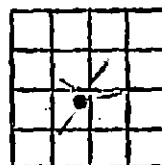
Company- THE ATLANTIC REFINING COMPANY  
Farm- Harden Gas Unit #9 No. 1

SEC. 10 T. 34 R. 25W  
C NE NE SW

Total Depth. 5760'  
Com.m. 10-11-57 Comp. 11-3-57  
Shot or Treated.  
Contractor. Corbett Drilling Company  
Issued. 2-8-58

County Clark

KANSAS



CASING:

8 5/8" 1213.70' cem w/400 sx  
4 1/2" 5760' cem w/200 sx

Elevation. 2041' DP

Production. 250,000 CFG

Figures indicate Bottom of Formations.

sand & red bed	249
shale & red bed	609
red bed	904
sandy lime & shale	1050
lime & Anhydrite	1220
Anhydrite & shale	1784
shale & lime shells	2035
lime & shale	2499
lime	2619
lime & shale	2955
chalk & lime	3060
chalk, lime & shale	3219
lime & shale	3580
lime	3623
shale & lime	3955
lime	4065
lime & shale	4467
lime	4535
lime & shale	4586
lime	4756
shale & lime	4882
lime	4921
lime & shale	4952
lime	4977
shale & lime	5128
lime	5157
lime & shale	5197
lime	5260
lime & shale	5599
lime	5650
sandy lime & shale	5710
lime	5733
chalk, lime & shale	5760
Total Depth	

Perforations:

5632-54 (Miss.): Acidfrac #1: Loaded casing & tubing with 70 bbls. gelled acid, broke formation with 20 bbls. gelled acid. Mixed and pumped 20,000 gals. gelled acid & 20,000# sand at 23 BFM. Flushed with 20 bbls. gelled acid and 85 bbls. kerosene at 22 BFM, MP 3300-2900# minimum.

Representative test: 6 hours, flowed well thru 1" critical flow prover, gas rate constant at 248 MCF/D, recovered 21 bbls. acid water last hour, 1.8 bbls. fluid, 0# TP, 325# CP., 11-18-57.

RECEIVED  
STATE CORPORATION COMMISSION  
MAR 17 1966  
CONSERVATION DIVISION  
Wichita, Kansas

TOPS: SCOUT:

Heebner	4263
Lansing	4454
Morrison	5545
Mississippi	5559

DST #1: 5522-99 (Morrow): Tool open 1 hour, weak blow, died in 16 min., Rec. 20' rotary mud. All pressures zero.

DST #2: 5597-5650 (Miss.): Tool open 1 hour, strong blow, gas to surface in 18 min., gauged through critical flow prover on 1/8" choke: 30 min., gas rate 56,000 cu. ft.; 40 min, 70,000; 50 min. 87,500; 1 hr, 101,674 cu. ft. Rec. 60' gas cut mud. I & FFP 70#, IBHSIP 1610#, FBHSIP 1725#/45 minutes.

DST #3: 5645-5710 (Mis.): Tool open 1 hour, weak blow. Rec. 30' mud. IFF 45#, FFP 60#, IBHSIP 75#, FBHSIP 60#/30 min.