

15-175-00382-0000

WELL PLUGGING RECORD

REVISED

Give All Information Completely
Make Required Affidavit

COUNTY Seward SEC. 22 TWP. 34S RGE. 34 B/W
Location as in quarters or footage from lines:
2540' FNL & 2535' FWL

Lease Owner Anadarko Production Company
Lease Name Hacker Well No. 1
Office Address Box 351, Liberal, Kansas 67901
Character of Well (Completed as Oil, Gas or Dry Hole): Gas
Date Well Completed 4/10/50
Application for plugging filed 9/10/82
Plugging commenced 10/15/82
Plugging completed 10/20/82
Reason for abandonment of well or producing formation
Water encroachment

Locate Well
correctly on above
Section Platt.

Was permission obtained from the Conservation Division or it's
Agent's before plugging was commenced? Yes

Name of Conservation Agent who supervised plugging of this well Paul Luthi

Producing formation Chase Depth to top 2639 bottom 2751 T.D. 2778

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
Chase	Gas	2639	2751	10-3/4"	720'	0
				7"	2639'	0
				5-1/2"	127'	0

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 hold. If cement
or other plugs were used, state the character of same and depth placed, from _____ feet
to _____ feet for each plug set. Pumped 50 sxs cement to 2551', displaced with
drilling mud, spotted 35 sxs from 1200' to 1050', spotted 40 sxs from 750' to 600',
spotted 40 sxs from 40' to 3', cut of casing at 3', capped and inscribed well.

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

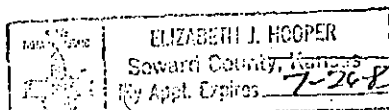
Name of Plugging Contractor Sargents Casing Pullers

STATE OF Kansas COUNTY OF Seward, ss.
Paul Campbell (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) Paul Campbell
Box 351, Liberal, Kansas 67901
(Address)

SUBSCRIBED AND SWORN TO before me this 5th day of November, 19 82

My Commission expires: 7/26/83



Elizabeth J. Hooper
Notary Public

RECEIVED
STATE CORPORATION COMMISSION

MAR 11 1983

CONSERVATION DIVISION
Wichita, Kansas

PANHANDLE EASTERN PIPE LINE COMPANY

Well Name: Hacker 1-22

Company: Panhandle Eastern Pipe Line Co

Location: 2535.0' N of W Line
2540.0' N of W Line
Bldg Sec 22, T-24S,
R-34E, Seward Co., Kans.

Contractor: Moran Brothers, Inc.

Orig open flow: None taken
Orig rock pressure: None taken
Open flow after spill: 10396 MCF (20 min test)
Rock pressure after spill: 409.7 (2d Wb)
Source: Drillers Report

Elevation: 2916.9'
Drilling commenced: March 13, 1950
Drilling completed: April 11, 1950
Well completed: April 20, 1950
Well Connected: Nov. 9, 1950

FORMATION

FOOT

DEPTH

Surface and sand	0	04
Sand and clay	97	630
Red Bed	680	721
Run 18 joints 727'. 6" ID 3 1/4" OD 230' Wall 20' Arco National Spiral Weld Slip Joint Casing By 3. Actual length of 20 3/4" OD casing in well is 720' after allowing for joints and case. Cemented with 275 ex Ash Brown Portland Bulk Cement with 25 Herculite. Used 10 3/4" OD Plain Casing shoe. Cement circulated.		
Red bed and shale	721	1304
Shale and gyp	1304	1666
Shale	1666	1773
Shale and gyp	1773	2360
Shale and anhydrite	2360	2451
Shale and gyp	2451	2514
Shale and anhydrite	2514	2573
Anhydrite and lime	2573	2623
Shale and lime	2623	2649
Run 78 joints 2650' of 7" OD .272" Wall 20' Sola E-40 Casing 3 Rd Thd. T & C By 3. Actual length of 7" OD casing in well is 2639' after allowing for threads and shoe. Cemented with 400 ex Monarch Portland Bulk Cement with 65 Herculite and 400 ex Monarch Portland Bulk Cement with 45 Herculite. Used 200' Floacle. Used 7" OD Hesco Safety Float shoe. Cement circulated.		

CASEIN FOOT LOG

Lime	2649	2743
Shale	2743	2756
Lime	2756	2773

Plugged back to 2756 with Cal Seal, then plugged back with 3 feet lead wool, 1 sack Cal Seal
and 1 cage of lead wool making bottom of hole 2751'. Total depth of well is now 2751'.

GAS LOG

First gas	2680 open flow too small to gauge
Increase	2723 open flow 464 MCF
Increase	2734 open flow 495 MCF
Increase	2744 open flow 503 MCF
Increase	2748 open flow 927 MCF
Increase	2751 open flow 1,036 MCF

Well blew down to 927 MCF when drilling was finished.

LINE LOG

Run 4 joints, 128' - 4" of 5 1/2" OD S-35 14' Sola perforated casing, 3 Rd Thd T & C By 2.

#1 Joint	32'00"	#3 Joint	32'02"
#2 Joint	34'03"	#4 Joint	29'05"

Actual length of 5 1/2" OD liner in well is 127' 4" after allowing for threads.

RECEIVED
STATE CONSERVATION COMMISSION

SEP 15 1982

CONSERVATION DIVISION
Wichita, Kansas

Well Name: Harker 1-22

Company: Panhandle Eastern Pipe Line Co.

ACID RECORD

Acidized April 10, 1950 with 3000 gallons 15% acid and 5000 gallons water. After blowing 5 hours, well tested 2,459.

Acidized April 21, 1950 with 2000 gallons 15% acid and 6000 gallons water. After blowing 12 hours, well tested 4,869.

Acidized April 22, 1950 with 2000 gallons 7 1/2% acid and 4700 gallons water. No open flow taken after treatment.

Acidized April 23, 1950 with 2000 gallons 7 1/2% acid and 4700 gallons water. No open flow taken after treatment.

April 17, 1950 after shut in 48 hours on 20 minute test, well tested 17,094 MCF.

Well tested 19,396 MCF on April 28, 1950 on 72 hour shut in test after acid.

Rock Pressure: 409.7#

FORMATION TOPS

Hollenberg
Herrington

2586
2644

Krider
Winfield

2668
2753