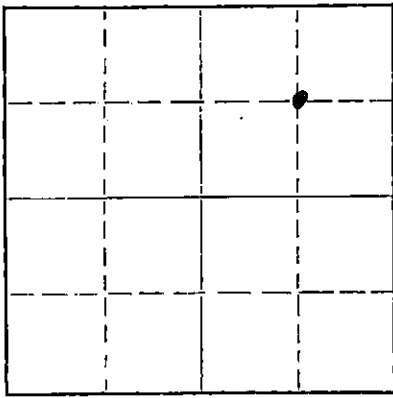


Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to:
Conservation Division
State Corporation Commission
212 No. Market
Wichita, Kansas

WELL PLUGGING RECORD

NORTH



Locate well correctly on above Section Plat

Seward County, Sec. 31 Twp. 31S Rge. (E) 32 (W)

Location as "NE/CNW/SE/SW" or footage from lines. C NE/4

Lease Owner Anadarko Production Company

Lease Name Morgan Well No. 1-31

Office Address Box 351, Liberal, Kansas 67901

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

Date well completed December 30 19 57

Application for plugging filed November 25 19 69

Application for plugging approved December 1 19 69

Plugging commenced January 23 19 70

Plugging completed January 23 19 70

Reason for abandonment of well or producing formation Well no longer economical to produce

If a producing well is abandoned, date of last production July 19 69

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 Mr. Edgar Eves, Sublette, Kansas 67877

Producing formation Krider Depth to top 2649 Bottom 2709 Total Depth of Well 2760 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
Krider	Gas	2649	2709	8 5/8"	620'	None
				4 1/2"	2756'	1295

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.

Mixed 20 sacks cement and pumped plug with mud to 2300' Spotted 35 sacks cement from 600' to 500'. Spotted 15 sacks cement from 45' to surface. Hole filled with mud between plugs.

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

Name of Plugging Contractor Sargent's Casing Pulling Service

Address Box 506, Liberal, Kansas 67901

STATE OF Kansas, COUNTY OF Seward, ss.

V. K. Downey (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) *V. K. Downey*

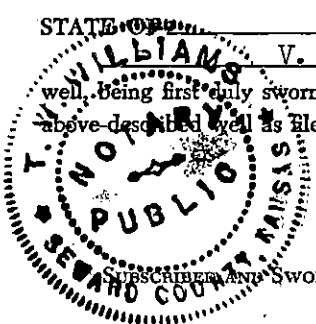
Box 351, Liberal, Kansas 67901 (Address)

SWORN TO before me this 28th day of January, 19 70

My Commission Expires April 28, 1971

My commission expires _____

Notary Public.



15-175-00457-0000

DRILLER'S LOG

WELL NAME: WINNAN #1-31 WELL LOCATION: 3335 ft. E of W line,
 and 3550 ft. N of S line, (C. 37 1/2) Sec. 31, Twp. 31, Rge. 32,
Sumner County, Kansas. Elevation: 2851 ft. G.L.

COMPANY: Panhandle Eastern Pipe Line Company, Box #979, Liberal, Kansas

CONTRACTOR: Mennett & Roberts Drilling Company, 208 Russell State Bank Bldg, Russell, Kansas

DRILLING COMMENCED: 12/10/57
 DRILLING COMPLETED: 12/17/57
 WELL COMPLETED: 12/30/57
 WELL CONNECTED:

PRODUCTION INFORMATION:
 Acidized open flow 1:732 HCF
 Rock pressure est. 390#
 SOURCE OF DATA: Driller's Reports

ROTARY LOG

Description of Formation	Top	Bottom
Surface Clay	40	60
Gray Shale	60	120
Sand & Gravel	120	140
Sand & Shale	140	170
Sand	170	190
Shale (Blue & Gray)	190	515
Red Red	515	665
Red Sand, Shale, Gyp	665	1215
Sand	1215	1340
Shale, Shells, Red Rock	1340	1545
Shale, Shells, Sand	1545	1675
Shale, Shells, Lime	1675	1695
Shale & Shells	1965	1715
Lime	1715	1725
Sandy Red Red & Shells	1725	1800
Shale & Shells	1800	1965
Shale & Gyp. Anhy	1965	2175
Shale & Lime	2175	2256
Salt	2256	2274
Sand, Shale, & Red Rock	2274	2355
Lime	2355	2388
Shale & Lime	2388	2443
Lime	2443	2537
Shale & Lime	2537	2562
Lime	2562	2610
Shale & Lime	2610	2718
Lime	2718	2760

FORMATIONS	Tops
Herrington	2620-2636
*Kridler	2649-2709

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 Wichita, Kansas

*Producing Formation(s)

=====
 PERFORATIONS:
 =====

2700-2706 w/4 sb/ft	←
2686-2700 w/4 sb/ft	←
2668-2680 w/4 sb/ft	←
2644-2658 w/2 sb/ft	✓

=====
 WELL TREATMENT RECORD:
 =====

1/500 gals 15#	12/22/57
1/1000 gals 15#	12/23/57
1/30,000 gals 5% acid, 15,000# sand, 160 balls	12/23/57