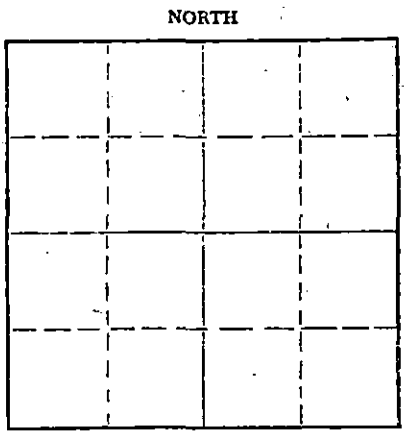


WELL PLUGGING RECORD

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

Morton County, Sec. 2 Twp. 32S Rge. 42W (E) (W)
Location as "NE/CNW/SW" or footage from lines 1250' FS & E Lines
Lease Owner Patrick Well Service
Lease Name E. C. Dean Well No. 1-2
Office Address 852 Petroleum Road, Liberal, Kansas 67901
Character of Well (completed as Oil, Gas or Dry Hole) Gas
Date well completed Sept. 27, 1961
Application for plugging filed Sept. 1, 1972
Application for plugging approved Sept. 1, 1972
Plugging commenced 9/28/ 1972
Plugging completed 9/30/72 19
Reason for abandonment of well or producing formation Dry //



Locate well correctly on above Section Flat

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

Name of Conservation Agent who supervised plugging of this well Ed Eves
Producing formation MORROW Depth to top 4950 Bottom 4994 Total Depth of Well 5350 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
Morrow	Gas	4950	4994	4 1/2	5350	2194

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.
Mix 15 sks. cement to plug perms. Stop plug at 4,800'.
Pump 30 sks. cement at 900' to 800'.
Put 10 sks. cement at 40' to 0'.

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Wichita, Kansas

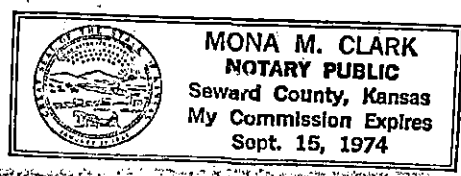
(If additional description is necessary, use BACK of this sheet)
Name of Plugging Contractor SARGENTS CASING PULLING SERVICE
Address Box 506, Liberal, Kansas 67901

STATE OF KANSAS, COUNTY OF SEWARD, ss.
CHESTER A. NORDLING (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. SARGENTS CASING PULLING SERVICE
(Signature) Chester A. Nordling, Partner
Box 506, Liberal, Kansas 67901
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of October, 19 72

My commission expires _____

Notary Public.



15-129-00076-0000

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CONSERVATION DIVISION
Wichita, Kansas

Hamilton Brothers, Inc.
No. 1-2 E. C. Dean
1250' FS&EL Sec. 2, T-32S, R-42W
Morton County, Kansas

General Information: Elevation: 3462' GL, 3475 KB
Contractor: Earl Wakefield
Rotary Tools:
Spud Date: September 8, 1961
Completed: November 7, 1961
T. D. 5368'

Casing: 7 5/8" 51 Jts., 26.40#, J-55 LT&C used casing
(1484.59') Set @ 1458' KBD. Float Shoe @ 1458'.
Plug stop ring @ 1400. Centralizers @ 1432' &
1400'. Cemented w/375 sx neat, 8% gel, 13.2#/gal
and 100 sx neat 16#/gal. Circulated out 152 sx.

4 1/2" 9.5#, J-55 ST&C casing set @ 5369' KDB.
Float shoe @ 5369'. Plug stop ring @ 5336'. Cen-
tralizers @ 5336', 5304' and 5272'. Cemented w/250 sx
neat 4% gel, 25 sx Gilsonite/sack. 12.7#/gal.

Surveys: Welex Induction-Electric log and Forxo log.

Well Supervision: Company geologist w/Baroid logging trailer.

Pay Zones: Morrow "G" Sand and Keyes Sand.

Formation Record:	T. Topeka	3202'
	Sandy Lime	3200 - 3230
	Lime, Red-Grey Shale	3230 - 3320
	Sandy Lime	3320 - 3342
	T. LeCompton	3342'
	Cherty, Sl. Oolitic Lime	3342 - 3430
	T. Heebner	3430'
	Grey-Black Shale-Lime	3430 - 3450
	Lime	3450 - 3470
	Red-Grey Shales	3470 - 3520
	Lime	3520 - 3550
	Shale	3550 - 3588
	T. Lansing	3588'
	Lime - Shale	3588 - 3670
	Sandy Grey Shale	3670 - 3750
	Lime - Some Red & Grey Shale	3750 - 3800
	Lime & Grey Shale	3800 - 3840
	Lime, Some Red-Grey Shale	3840 - 3900
	Sand - Some Lime	3900 - 3940

Grey Shale	3940 - 4020
Lime	4020 - 4050
Lime & Shale	4050 - 4144
T. Marmaton	4144'
Lime w/Shale Stringers	4144 - 4280
Grey Shale	4280 - 4370
Lime	4370 - 4400
Grey Shale	4400 - 4500
Shale w/Lime Stringers	4500 - 4600
T. 13 Fingers (remanent)	4600'
Lime	4600 - 4624
T. Morrow	4624'
Grey Shale	4624 - 4890
Shale w/Sand Stringers	4890 - 4960
T. "G" Sand	4960'
Med. Grey Glauc. SS	4960 - 5006
Shale	5006 - 5034
T. Keyes Sand	5034'
Coarse Quartz Wash	5034 - 5084
Grey Med. SS. Varigated Shale	5084 - 5102
T. Chester	5102'
Sandy Oolitic Lime	5102 - 5258
T. St. Louis	5258'
Chalky Oolitic Lime with some Chert-Shale	5258 - 5368

Core Data: None

Drill Stem Tests: DST #1 - 3879- 3891. Open 1 hr. Good blow air decreasing to fair at end of test. Recovered 110' Mud, 40' Water - Chlorides 27.600 PPM F. P. 15# - 65# 30" SIP 615#

DST #2 - 4910 - 4980. Open 1 hr. Weak blow, inc. to strong at end of test. GTS 45" TSTM Rec. 90' Mud F. P. 25# - 55# 30" SIP 1160#

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