

STATE OF KANSAS
 STATE CORPORATION COMMISSION
 CONSERVATION DIVISION
 P. O. BOX 17027
 Wichita, Kansas 67217

Rev. 3-15-72
 FORM CP-1

WELL PLUGGING APPLICATION FORM
 File One Copy

RENEWED APPLICATION

Lease Owner Kewanee Oil Company
 Address P. O. Box 2093, Wichita, Kansas 67201
 Lease (Farm Name) Larkin Well No. 2
 Well Location 990' FNL & 1650' FEL SE NW SE
of SE/4 Sec. 15 Twp. 22S Rge. 25 (E) _____ (W) x
 County Hodgeman Total Depth 5213' C.M. Field Name Hallet
 Oil Well x Gas Well _____ Input Well _____ SWD Well _____ Rotary D & A _____
 Well Log filed with application as required Filed w/ original application.
 Date and hour plugging is desired to begin within 30 days.

PLUGGING OF THIS WELL WILL BE DONE IN ACCORDANCE WITH K.S.A. 55-128 OF THE RULES AND REGULATIONS OF THE STATE CORPORATION COMMISSION.

Name of company representative authorized to be in charge of plugging operations:

C. T. Oglesby Address Box 360, Hoisington, Kansas
 Plugging Contractor Southwest Casing Pulling License No. unknown
 Address Great Bend, Kansas

Invoice covering assessment for plugging this well should be sent to:

Name Kewanee Oil Company
 Address P. O. Box 2093, Wichita, Kansas 67201

and payment will be guaranteed by applicant or acting agent.

Signed: 
 Applicant or Acting Agent

Date: May 28, 1974

Recd
1-31-74

State of Kansas



State Corporation Commission

CONSERVATION DIVISION

(Oil, Gas and Water)

P. O. Box 17027 3830 S. Meridian
WICHITA, KANSAS 67217

May 29, 1974

RENEWED AUTHORITY
Original issued 1/31/74

WELL PLUGGING AUTHORITY

Well No.	2
Lease	Larkin
Description	C SE NW SE 15-22-25W
County	Hodgeman
Total Depth	5213'
Plugging Contractor	Southwest Casing Pulling

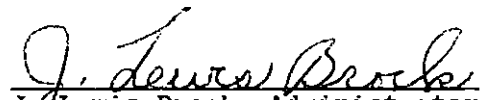
Keweenaw Oil Company
P. O. Box 2093
Wichita, Kansas 67201

Gentlemen:

This is your authority to plug the above subject well in accordance with the Rules and Regulations of the State Corporation Commission.

This authority is void after 90 days from the above date.

Yours very truly,


J. Lewis Brock, Administrator

Mr. Edgar Eves, P. O. Box "F", Sublette, Kansas 67877
is hereby assigned to supervise the plugging of the above named well.

KEWANEE OIL COMPANY

WELL RECORD: Larkin Well No. 2 Elevation: 2516' Cement Marker
(C.M. 2.50' above top
of 8-5/8" Casing.)

Located: 1650' from the South line and 1650' from the East line of SE/4
Section 15, T-22-S, R-25-W, Hodgeman County, Kansas.

Contractor: Graham-Michaelis Drilling Company

Drilling Commenced: December 28, 1957

Drilling Completed: January 21, 1957

Completion Date: January 29, 1957

Total Depth: 5213' C.M. Plug Back Total Depth: 4650' C.M.

Initial Production: Swabbed 424.80 barrels of oil and no water in 12½ hrs.
through casing after 500 gallon mud acid treatment.
On State productivity test pumped 102.12 barrels of
oil and no water in 8 hrs. for potential of 306 BOPD.

Treating Record: Treated perforations 4634' to 4636' and 4614' to 4634'
with 250 gallons mud acid down casing by Chemical Process.
Treated perforations 4594' to 4606' with 250 gallons mud
acid down casing by Chemical Process.

Perforating Record: Perforated Mississippi Line from 4634' to 4636', 4614'
to 4634' and 4594' to 4606' with 4 jets per foot by
Welex.

Sample Tops - C. M. Measurement

Heebner	3898	(-1382)
Toronto	3914	(-1398)
Douglas	3935	(-1419)
Lansing-Kansas City	3948	(-1432)
Base Kansas City	4344	(-1828)
Marmaton	4372	(-1856)
Penn. Basal Conglomerate	4570	(-2054)
Mississippian	4593	(-2077)
Kinderhook	4862	(-2346)
Misener	4914	(-2398)
Viola	4922	(-2406)
Simpson	5137	(-2621)
Arbuckle	5168	(-2652)
Total Depth	5210	(-2694)

Halliburton Tops - C. M. Measurement

Heebner	3896	(-1380)
Toronto	3914	(-1398)
Douglas	3936	(-1420)
Lansing-Kansas City	3948	(-1432)
Base Kansas City	4346	(-1830)
Marmaton	4372	(-1856)
Penn. Basal Conglomerate	4570	(-2054)
Mississippian	4593	(-2077)
Kinderhook	4862	(-2346)
Misener	4908	(-2392)
Viola	4926	(-2410)
Simpson	5150	(-2634)
Arbuckle	5168	(-2652)
Total Depth	5213	(-2697)

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KEWANEE OIL COMPANY

WELL RECORD: Larkin Well No. 2 (Continued)

Casing Record

8-5/8" O. D. Casing (15 Joints) set at 475.68' C.M. and cemented with 300 sacks of common cement with 1% Calcium Chloride.

5-1/2" O. D. Casing (126 Joints) set at 4708.96' C.M. and cemented with 150 sacks common with 1/4# floccle per sack.

2-3/8" O. D. Tubing (150 Joints) with top of perforations at 4595.54' C.M.

Formation Record

0	Surface
120	Clay, sand and shale
345	Shale
415	Dakota Sand
477	Blue shale
850	Shale
1095	Red bed and shale
1126	Gyp
1210	Shale
1625	Shale and sand
1695	Shale and gyp
1725	Anhydrite and shale
2540	Shale and lime
2726	Lime and shale
2969	Lime
3626	Lime and shale
3905	Lime
4014	Lime and shale
4083	Cherty lime and shale
4580	Lime
4659	Dolomite (Cored)
4803	Lime and shale
4828	Chert and lime
4910	Cherty lime and shale
4965	Cherty lime
5084	Cherty lime and shale
5115	Cherty lime, chalky lime and shale
5141	Lime
5169	Lime and shale
5202	Chalky lime
5210	Lime
5210	ROTARY TOTAL DEPTH
4650	PLUG BACK TOTAL DEPTH

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Slope Tests

<u>Depth</u>	<u>Deviation</u>
477	0°
1626	1/4°
2000	1/2°
2710	1/2°
3250	1°
3625	3/4°
4287	1 1/2°
4766	1/4°

Record by: R. S. Allison and R. J. Davis