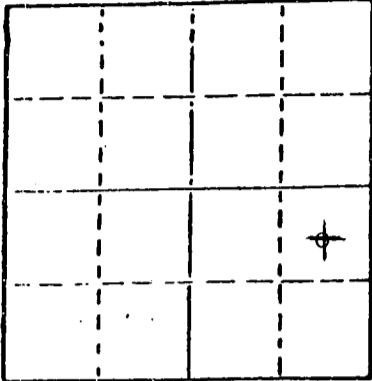


STATE OF KANSAS
STATE CORPORATION COMMISSION

WELL PLUGGING RECORD

Give All Information Completely
Make Required Affidavit
Mail or Deliver Report to
Conservation Division
State Corporation Comm.
245 North Water
Wichita, KS 67202

Ellis County, Sec. 18 Twp. 11S Rge. 17 ~~N~~/W
Location as "NE/CNW $\frac{1}{4}$ SW $\frac{1}{4}$ " or footage from lines _____
660' FEL & 1650' FSL SE/4
Lease Owner Energy Reserves Group, Inc.
Lease Name Kollman Well No. 8
Office Address 925 Patton Road, Great Bend, KS
Character of Well (Completed as Oil, Gas or Dry Hole) _____
Completed as SWDW



Date Well completed June 22 19 41
Application for plugging filed February 18 19 83
Application for plugging approved March 22 19 83
Plugging commenced April 20 19 83
Plugging completed April 20 19 83
Reason for abandonment of well or producing formation _____
No longer required for SWDW
If a producing well is abandoned, date of last production _____
NA 19 _____

Name of Conservation Agent who supervised plugging of this well Gilbert Schenk
Producing formation Arbuckle Depth to top 3496 Bottom 3825 Total Depth of Well 3893
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
Arbuckle	Salt Water	3496	3825	10 3/4"	1145'	0
				7"	3825'	0
				5-1/2"	3502'	0
				3-1/2"	3339'	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.

Hooked up to 5-1/2" casing with a swedge and valve.
Mixed & pumped 400 sxs 50/50 poz w/6% Gel & 3% cc into 5-1/2" casing. Cement circ out annulus with 200 sxs mixed. Shut in annulus and finished mixing cement. Maximum pump pressure was 200 psi. Average pump pressure was 100 psi. When all cement was mixed and pump stopped, well went on vacuum. Shut in well head.
Well P & A.

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

Name of Plugging Contractor Halliburton Services

STATE OF Kansas COUNTY OF Ellis, ss.
Jim W. Sullivan (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) Jim W. Sullivan
925 Patton Road, Great Bend, KS 67530
(Address)

SUBSCRIBED AND SWORN TO before me this 16th day of August, 1983

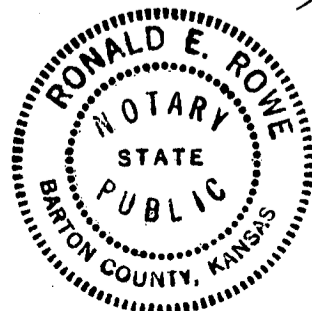
Ronald E. Rowe
Notary Public.

My commission expires My Appointment Expires Sept. 9, 1983

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STATE CORPORATION COMMISSION

AUG 17 1983

CONSERVATION DIVISION
Wichita, Kansas

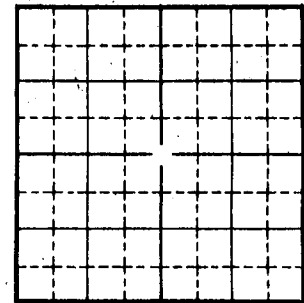


LERKE AND WHORTAN
WICHITA, KANSAS

15-051-04789-00-01

WELL SAMPLE RECORD

LOC. SE NE SE SEC. 18 TWP. 11S RGE. 17W
 FARM Kollman WELL NO. 8
 COUNTY Ellis STATE Kansas
 COMPANY Dickey Oil Company
 SAMPLES FROM 2750 TO 3505 ELEVATION 1838



FROM TO FORMATION AND REMARKS Exam - BV Lerke Page 1

FROM	TO	FORMATION AND REMARKS
2750	2755	Various colored shale (dark gray predominating)
55	60	Ditto, some drab fossiliferous lime
60	65	Gray-drab fossiliferous cherty lime
65	75	Drab fossiliferous lime 50 percent, various colored shale 45 percent, micaceous cemented sand 5 percent
75	95	Various colored shale, some micaceous cemented sand <u>Topeka Series</u>
2795	2800	Drab-white fossiliferous lime
2800	10	Ditto, lime cherty
10	15	Ditto, some various colored shale
15	40	Drab-white fossiliferous lime
40	45	Ditto, lime highly cherty
45	50	White fossiliferous porous highly cherty lime (trace oil)
50	65	Drab-white fossiliferous cherty lime
65	75	Ditto, some various colored shale
75	85	Drab-white fossiliferous lime
85	2910	Ditto, lime cherty
2910	20	Drab-white fossiliferous cherty lime, some various colored shale
20	30	Drab-white fossiliferous lime 75 percent, various colored shale 25 percent
30	45	White dense lime
45	60	White fossiliferous cherty lime
60	70	Drab-white fossiliferous lime
70	75	Brown-drab fossiliferous cherty lime
75	80	Drab-white fossiliferous lime
80	90	White fossiliferous lime
90	95	Drab-white fossiliferous lime
95	3000	Ditto (many fusulina)
3000	10	White fossiliferous cherty lime
10	15	White highly fossiliferous porous colitic lime
15	25	Drab-white fossiliferous highly cherty lime (trace dead oil) <u>DOUGLAS</u>
3025	3035	Various colored shale (dark gray predominating) 50 percent, drab fossiliferous lime 50 percent
35	45	Ditto, increase in lime to 65 percent
45	50	Various colored shale (black predominating), some drab fossiliferous lime
50	55	Various colored shale 50 percent, drab fossiliferous lime 50 percent
55	65	Various colored shale

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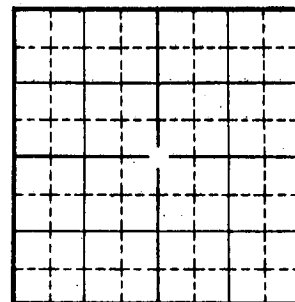
FEB 22 1983

CONSERVATION DIVISION
Wichita, Kansas

LERKE AND WHORTAN
WICHITA, KANSAS

15-051-04789-00-01

WELL SAMPLE RECORD



LOC. SE NE SE SEC. 18 TWP. 11S RGE. 17W

FARM Kollman WELL NO. 8

COUNTY Ellis STATE Kansas

COMPANY Dickey Oil Company

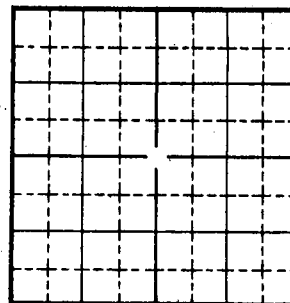
SAMPLES FROM 2750 TO 3505 ELEVATION 1838

FROM	TO	FORMATION AND REMARKS	Exam - BV Lerke Page 2
3065	3070	Drab-white dense lime	
70	75	Drab-white fossiliferous cherty lime (trace oil) ✓	
75	80	White fossiliferous cherty lime	
80	85	Various colored shale (mostly red)	
		<u>LANSING - KANSAS CITY</u> 3088	
3085	3090	Drab-white fossiliferous lime	
90	95	Ditto, lime cherty	
95	3115	White fossiliferous cherty lime	
3115	25	White fossiliferous colitic lime (trace oil) ✓	
25	40	White fossiliferous colitic lime	
40	45	Ditto, lime cherty	
45	60	Ditto	
60	70	White fossiliferous colitic lime, some various colored shale	
70	75	Ditto, shale absent (trace oil in lime) ✓	
75	85	White fossiliferous colitic lime	
85	90	Ditto, lime cherty	
90	3215	White colitic lime	
3215	25	Ditto, trace oil ✓	
25	30	White fossiliferous colitic lime	
30	35	Ditto, lime cherty, some various colored shale	
35	40	White fossiliferous colitic lime 50 percent, various colored shale 50 percent	
40	45	Ditto, increase in lime to 75 percent, lime cherty	
45	55	White fossiliferous colitic lime (trace oil) ✓	
55	60	White fossiliferous colitic lime (light saturation) ✓	
		Corresponds to 3246-52 on Time Log	
60	65	White fossiliferous colitic lime (trace oil) ✓	
65	70	White fossiliferous colitic lime	
70	80	Ditto, trace oil ✓	
80	85	White fossiliferous colitic lime (very light saturation) ✓	
		Corresponds to 3284-68 on Time Log	
85	90	White fossiliferous colitic lime (trace oil) ✓	
90	95	Ditto, some various colored shale	
95	3300	White fossiliferous colitic lime	
3300	10	Ditto, lime cherty	
10	15	White fossiliferous colitic cherty lime, trace oil ✓	
15	30	Ditto, chert absent	
		<u>DETRITAL ZONE</u>	
3330	3335	White fossiliferous colitic lime 75 percent, various colored shale 25 percent	
35	45	Various colored lime detritus 65 percent, various colored shale 35 percent	

LERKE AND WHORTAN
WICHITA, KANSAS

15-051-04789-000

WELL SAMPLE RECORD



LOC. SE NE SE SEC. 18 TWP. 11S RGE. 17W

FARM Kollman WELL NO. 8

COUNTY Ellis STATE Kansas

COMPANY Dickey Oil Company

SAMPLES FROM 2750 TO 3505 ELEVATION 1838

FROM	TO	FORMATION AND REMARKS
3345	3360	Various colored lime detritus, various colored chert & red shale
60	65	Various colored shale (mostly red), some chert & lime detritus
65	90	Ditto, mostly red shale, lime absent but proportion of chert increased
90	95	Various colored shale (mostly red)
95	3405	Ditto, some various colored chert and rounded quartzitic sand
3405	25	Various colored shale (mostly red), some various colored chert and sand
25	40	Ditto, mostly shale
40	45	Ditto
45	50	Various colored shale (mostly red)
50	65	Ditto, some quartzitic sand & chert <u>Cherty Conglomerate</u>
3465	3502	Various colored chert <u>SIMPSON</u>
3502	3505	Various colored shale

Exam- BV Lerke
Page 3

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FEB 22 1983

CONSERVATION DIVISION
Wichita, Kansas