

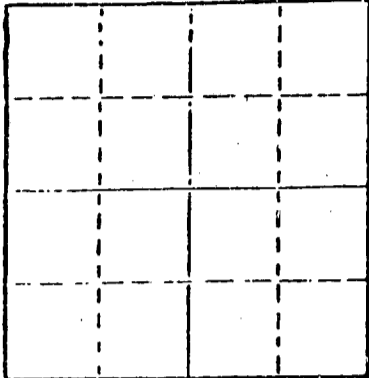
STATE OF KANSAS
STATE CORPORATION COMMISSION

15-057-22478-00-00
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. 22 Twp. 13S Rge. 18 ~~XX~~/W
Location as "NE/CNW 1/4 SW 1/4" or footage from lines
C N/2 SW SE

Lease Owner Energy Reserves Group, Inc.
Lease Name Stackhouse 'A' Well No. 1
Office Address 925 Patton Road, Great Bend, KS 67530
Character of Well (Completed as Oil, Gas or Dry Hole)



Locate well correctly on above
Section Plot

Dry hole
Date Well completed 6-14-81
Application for plugging filed 6-14-81
Application for plugging approved 6-14-81
Plugging commenced 6-14-81
Plugging completed 6-14-81

Reason for abandonment of well or producing formation
Dry hole
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 Marion Schmidt
Producing formation _____ Depth to top _____ Bottom _____ Total Depth of Well _____
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
				8-5/8	167'	-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.

Mud laden fluid 3638-660'
65 sks cement @ 660'
30 sks cement @ 210'
10 sks cement @ 40'
5 sks cement in rat hole

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

Name of Plugging Contractor Emphasis Oil Operations

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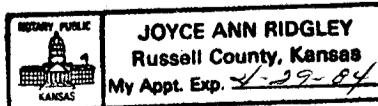
STATE OF Kansas COUNTY OF Russell, JUN 24 1981
Joe K. Branum (employee of owner) or (owner or operator)
of the above-described well, being first duly sworn on oath, says: That I, JOYCE ANN RIDGLEY
the facts, statements, and matters herein contained and the log of the above-described well
as filed and that the same are true and correct. So help me God.

(Signature)

Joe K. Branum
Box 506, Russell, KS 67665
(Address)

SUBSCRIBED AND SWORN TO before me this 22nd day of June, 19 81

My commission expires April 29, 1984



EMPHASIS OIL OPERATIONS

P.O. Box 506

Russell, Kansas 67665

DRILLERS LOG

OPERATOR: Energy Reserves Group, Inc.
925 Patton Road
Great Bend, Kansas 67530

15:05:22 428:00:00
CONTRACTOR: Emphasis Oil Operations
P. O. Box 506
Russell, Kansas 67665

LEASE: Stackhouse 'A' WELL: #1

LOCATION: C N/2 SW SE
Section 22-13S-18W
Ellis County, Kansas

Total Depth: 3638'
Commenced: 6-2-81
Casing: 8-5/8" @ 167'

Elevation:
Completed: 6-14-81
Status: Dry hole

DEPTHS & FORMATIONS

(All measurements from K.B.)

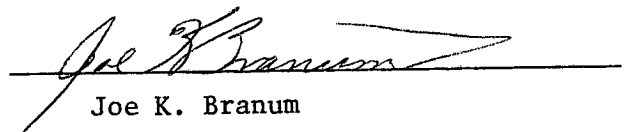
Top soil & shale	30	Lime & shale	3104
Sand & shale	1337	Shale	3236
Anhydrite	1385	Lime & shale	3460
Shale	2319	Shale & lime	3563
Shale & lime	2898	Lime & shale (R.T.D.)	3638

STATE OF KANSAS)

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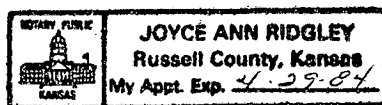
COUNTY OF RUSSELL)

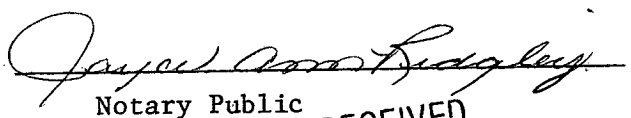
I, Joe K. Branum, of Emphasis Oil Operations, state that the above and foregoing is a true and correct log of the above captioned well.


Joe K. Branum

Subscribed and sworn to before me this 22nd day of June, 1981.

My Commission Expires: April 29, 1984.




Notary Public

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JUN 24 1981
CONSERVATION DIVISION
Wichita, Kansas

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

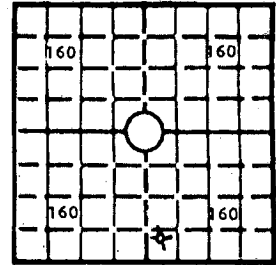
API No. 15 — 051 — 22,428-0000
County Number

S. 22 T. 13S R. 18W E W

Loc. C N/2 SW SE

County Ellis

640 Acres
N



Locate well correctly

Elev.: Gr. 2065

DF 2068 KB 2070

Operator Energy Reserves Group			
Address 925 Patton Road Great Bend, Ks 67530			
Well No. A-1	Lease Name Stackhouse		
Footage Location 330 feet from (N) line 660 feet from (E) (W) line			
Principal Contractor Emphasis Oil Oper. Rig #5	Geologist Gerald Wehrli		
Spud Date 6/2/81	Date Completed 6/14/81	Total Depth LTD 3623	P.B.T.D. RTD 3638
Directional Deviation	Oil and/or Gas Purchaser		

CASING RECORD

Report of all strings set — surface, intermediate, production, etc.

Purpose of string	Size hole drilled	Size casing set (in O.D.)	Weight lbs/ft.	Setting depth	Type cement	Sacks	Type and percent additives
Surface	12 1/4	8 5/8	20	167	50/50 poz	140	2 gel 3 cc 1/4# flocele/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

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AUG 13 1981

INITIAL PRODUCTION

CONSERVATION DIVISION

Wichita, Kansas

Date of first production Dry Hole	Producing method (flowing, pumping, gas lift, etc.)			
RATE OF PRODUCTION PER 24 HOURS	Oil bbls.	Gas MCF	Water bbls.	Gas-oil ratio CFPB
Disposition of gas (vented, used on lease or sold)		Producing interval (s)		

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 245 No. Water, Wichita, Kansas 67202. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator Energy Reserves Group		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:
Well No. A-1	Lease Name Stackhouse	Dry Hole
S 22 T 13S R 18W E W		

WELL LOG

Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
DST #1 30"-60"-60"-120" Building slightly throughout both flow periods. Recovered 75' muddy water Initial Pressures: IHP 1780, IF 9-18, IC 997 Final Pressures: FF 18-35, FC 1141, FHP 762	3403	3411	Log tops: Anhydrite Base Anhydrite Topeka Heebner Toronto Lansing	1336(+ 734) 1382(+ 688) 3055(- 988) 3318(-1248) 3350(-1280) 3373(-1303)
DST #2 Misrun - hit bridge DST #3 30"-60"-60"-120" Good blow-decreasing throughout on first opening, no blow in 30", flushed tool. Weak blow, died in 15" on second opening. Recovered 40' of mud. Initial Pressures: IHP 1796, IF 18-18, IC 27 Final Pressures: FF 27-27, FC 35, FHP 1760	3412	3460	Base/Kansas City Arbuckle LTD RTD	3600(-1530) 3614(-1544) 3623(-1553) 3638(-1568)
DST #4 30"-60"-60"-120" Very weak blow-died in 7" on first opening, no blow, flushed tool, no blow on second opening, Recovered 20' mud. Initial Pressures: IHP 1882, IF 54-54, IC 108 Final Pressures: FF 54-63, FC 99, FHP 1891	3525	3605		
DST's #5,6,7,8 were packer failures.				
DST #9 30"-60"-60"-120" Fair blow throughout on first opening, no blow on second opening. Recovered 70' of slightly oil-spotted mud. Initial Pressures: IHP 1864, IF 45-45, IC 180 Final Pressures: FF 45-45, FC 342, FHP 1855	3597	3624		
DST #10 30"-60"-60"-120" Fair blow throughout on first opening, no blow on second opening. Recovered 70' of oil-spotted mud. Initial Pressures: IHP 1834, IF 31-41, IC 365 Final Pressures: FF 41-41, FC 345, FHP 1834	3597	3629		
DST #11 30"-60"-60"-120" Weak blow to a good blow, 9" down and building on first opening. Weak to a strong blow off bottom in 50" on second opening. Recovered 80' of slightly oily mud, 200' of slightly oily muddy water 2% oil 98%mu	3590	3638	Initial Pressures: IHP 1858, IF 53, IC 106 Final Pressures: FF 127-190, FC 1072, FHP 1858	106, IC 1072

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CONSERVATION DIVISION
Wentz, Kansas

USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.

Date Received	<p align="center"><i>John B. Drullman</i> Signature</p> <p align="center">Kansas Dist Geol Title</p> <p align="center">8-11-81 Date</p>
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