

PL

KANSAS

WELL COMPLETION REPORT AND DRILLER'S LOG

State Geological Survey WICHITA BRANCH

S. 31 T. 14 R. 29 E W

API No. 15 - 063 - 20,456
County Number

JUN 8 0 RECD

SE SW NE

County Gove

Operator Energy Reserves Group, Inc.

Address 925 Patton Road Great Bend, Kansas 67530

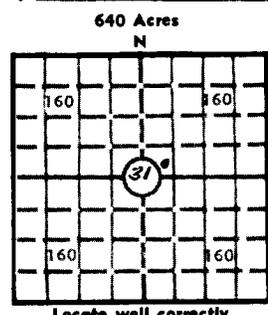
Well No. #4 Lease Name Lundgren "B"

Footage Location feet from (N) (S) line feet from (E) (W) line

Principal Contractor Slawson - Rig #3 Geologist Michael D. Spain

Spud Date 02/15/80 Date Completed 02/24/80 Total Depth 4330' P.B.T.D.

Directional Deviation Oil and/or Gas Purchaser



Elev.: Gr. 2616

DF 2619 KB 2622

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	7-7/8	8-5/8		210'	50-50 poz	150	2% gel, 3% cc
Production		5-1/2	14#		50-50 poz Lite Common	210 350 50	2% gel, 10% salt 75% OCFR2

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	SSB csg gun	4278-82
			4	SSB csg gun	4252-56

TUBING RECORD

Size	Setting depth	Packer set at
2-3/8"	4275'	none

ACID, FRACTURE, SHOT CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated

INITIAL PRODUCTION

Date of first production 03/13/80		Producing method (flowing, pumping, gas lift, etc.) PUMP			
RATE OF PRODUCTION PER 24 HOURS	Oil 22 bbls.	Gas MCF	Water 9 bbls.	Gas-oil ratio CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s) Miss Spergen 4278-82/4252-56		

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 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

ENERGY RESERVES GROUP, INC.

DESIGNATE TYPE OF COMP.: OIL, GAS,
DRY HOLE, SWDW, ETC.:

OIL

Well No.
4

Lease Name
LUNDGREN "B"

S 31 T 14S R 29 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 3754-3860 (106' anchor) 30-60-60-120 IHP 1835 IFP 121-767 ICIP 1210 FFP 787-1129 FCIP 1210 FAP 1815 BHT 115°F 1st open - strong blow 2nd open - strong for 25" then decreased to fair. Rec. 2600' SW			Anhydrite Heebner Toronto Lansing B/KC Marmaton Pawnee Ft. Scott Cherokee Miss. LS Miss. Dol B/Dolo. RTD	2022 (+600) 3623 (-1001) 3644 (-1022) 3661 (-1039) 3973 (-1351) 3996 (-1374) 4086 (-1464) 4149 (-1527) 4178 (-1556) 4246 (-1624) 4252 (-1630) 4298 (-1676) 4330 (-1700)
DST #2 4255-4300 (45' anchor) 30-60-60-120 IHP 2117 IFP 41-61 ICIP 837 FFP 61-81 FCIP 810 FHP 2117 BHT 120°F Blow weak throughout test Rec. 10' free oil (37 gravity) 110' MW				

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

Date Received

JOHN B. MULLEN, Signature
Senior Geologist

Title

April 16, 1980

Date

DRILLERS LOG

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

LEASE: Lundgren 'B' #4
SE SW NE Sec.31-14S-29W
Gove County, Kansas

CONTRACTOR: Slawson Drilling Company, Inc.
200 Douglas Building
Wichita, Kansas 67202

COMMENCED: 2/15/80

COMPLETED: 2/25/80

RTD: 4335'

SURF.CASING: 8-5/8" set at 210' with 250 sx cement

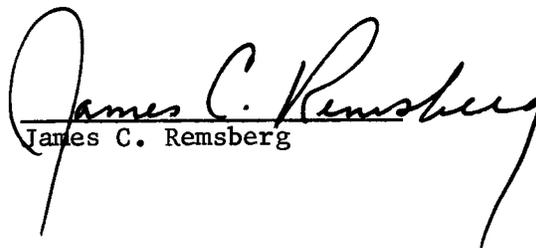
PROD.CASING: 5-1/2" set at 4334' with 610 sx cement

0' to 45' Shale & Sand
45' to 212' (212' 12 1/2" Surface Hole)
212' to 1320' Shale & Shells
1320' to 1875' Shale & Sand
1875' to 2490' Shale
2490' to 3024' Shale & Lime
3024' to 3860' Lime & Shale
3860' to 3940' Lime
3940' to 4218' Lime & Shale
4218' to 4300' Lime
4300' Miss
4300' to 4335' Lime
RTD 4335'

STATE OF KANSAS

COUNTY OF SEDGWICK

I, James C. Remsberg, of the Slawson Drilling Company, Inc.
hereby state the above is an accurate copy of the Lundgren 'B' #4 well
for Energy Reserves Group, Inc.


James C. Remsberg

Subscribed and sworn to me this
5th day of March, 1980