

15-051-21848

State Geological Survey
WICHITA BRANCH
KANSAS DRILLERS LOG

API No. 15 —————
County Number

Operator

Energy Reserves Group, Inc.

Address

P. O. Box 1201, Wichita, Kansas

Well No.

9

Lease Name

Marvin Braun

Footage Location

feet from (N) (S) line

feet from (E) (W) line

Principal Contractor

Rains & Williamson

Geologist

Don F. Moore

Spud Date

12-20-79

Total Depth

3607

P.B.T.D.

Date Completed

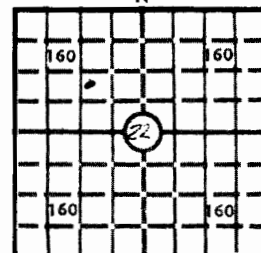
1-24-80

Oil Purchaser

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

Loc. NW SE NW

County Ellis

640 Acres
N

Locate well correctly

Elev.: Gr. 2057

DF KB 2062

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		145'	50-50 poz	120	2% gel, 3% cc
Production	7 7/8	5 1/2"	14#	3603.5'	50-50 poz 50 common	215 50	2% gel, 10% salt .75 CFR-2

LINER RECORD

Top, ft.	Bottom, ft.	Sacks cement
----------	-------------	--------------

PERFORATION RECORD

Shots per ft.	Size & type	Depth interval
4	Jet csg. gun	

TUBING RECORD

Size	Setting depth	Packer set at
2 1/2"	1322'	3317'

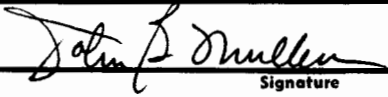
ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Treated Arbuckle w/350 gals 15% NE	Arb. 3603.5-3610
Treated Topeka 5250 gals. 15% in 3 stages	Topeka T3 3259-64 T2 3249-52 T1 3242-46

INITIAL PRODUCTION

Date of first production 1-14-80		Producing method (flowing, pumping, gas lift, etc.) POP		
RATE OF PRODUCTION PER 24 HOURS	Oil 93 BOPD bbls.	Gas MCF	Water 10 BWPD 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, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. 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. 9	Lease Name Marvin Braun	Oil Well	
S 22 T13S R 18 E1W Ellis County, Kansas			
WELL LOG		SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.	
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.			
FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	
			NAME DEPTH
DST #1 3220-75' 30-60-60-120 Strong blow thruout. Rec. 1995' GIP, 70' GC&OCM, 60' OGCM & 120 MCO. IFP 37-92; ISIP 276; FFP 65-120; FSIP 276. T 1000.			Anhydrite 1321 (+741) B. Anhydrite 1363 (+699) Queen Hill 3208 (-1146) Heebner 3292 (-1230) Lansing 3340 (-1278) Arbuckle 3600 (-1538) Total Depth 3607 (-1545)
DST #2 3410-55' 30-60-60-120 weak blow thruout. Rec. 287' SOCM. IFP 19-55; ISIP 1129; FFP 55-129; FSIP 1120. T. 1000			
DST #3 3585-3610. 30-60-60-120 Strong blow thruout Rec. 300' MO. IFP 9- 23 ISIP 1001; FFP 23-135; FSIP 992. T 102 deg.			
Total Depth 3610 (-1518)			
USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD.			
Date Received	 Signature John B. Mullen Title Sr. Geologist Jan. 30, 1980 Date		