

KANSAS

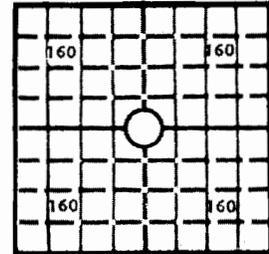
WELL COMPLETION REPORT AND DRILLER'S LOG

State W18 T11S R. 17W E10y
SW SW SW

API No. 15 — 051 — 22,150
County Number

County Ellis

640 Acres N



Elev.: Gr. 1876

DF 1879 KB 1881

Operator Energy Reserves Group

Address 925 Patton Road Great Bend, Kansas

Well No. 9 Lease Name Husted

Footage Location 330 feet from (N) (S) line 330 feet from (E) (W) line

Principal Contractor Emphasis Oil Operations Geologist Ralph White

Spud Date 12-9-80 Date Completed 12-22-80 Total Depth 3500 P.B.T.D. 3476

Directional Deviation Oil and/or Gas Purchaser Koch

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	23	205		155	
Production	7 7/8	5 1/2	14	3498	50-50 Poz	130	2% gle, 10% salt .75% CFR-2
			DV @	1137'	Lite	300	1/4# Flocele/sx

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	1/2" Jet	3372-74

Size	Setting depth	Packer set at
2 1/2"	3450	N/A

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
500 gal 15% HCL acid	3372-74

INITIAL PRODUCTION

Date of first production 1-6-81 Producing method (flowing, pumping, gas lift, etc.) Pumping

RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio
	54 bbls.		499 bbls.	CFPB

Disposition of gas (vented, used on lease or sold) Producing interval (s) 3372-74

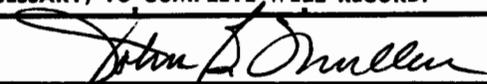
INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, 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. 9	Lease Name Husted	Oil
S 18 T 11S R 17WE W		

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: 30-60-60-120 REC: 206' MW IHP 1660 IFP 17-58 ICIP 675 FFP 56-113 FCIP 662 FHP 1641 Pipe strap at 3138'	3106	3138	LOG TOPS: Anhydrite Topeka Queen Hill Heebner Toronto Lansing BKC Arbuckle	1130 (+ 751) 2820 (- 939) 2978 (-1097) 3050 (-1169) 3069 (-1188) 3092 (-1211) 3334 (-1453) 3370 (-1489)
DST #2: 30-60-60-120 REC: 72' Gsy M w/specs of oil IHP 1677 IFP 9-19 ICIP 467 FFP 19-47 FCIP 429 FHP 1677	3140	3192		
DST #3: 30-60-60-120 REC: 33'M IHP 1817 IFP 19-19 ICIP 1007 FFP 19-19 FCIP 988 FHP 1770 BHT 115°F	3258	3302		
DST #4: 30-60-60-120 REC: 472' gsy ocm IHP 1913 IFP 37-96 ICIP 1004 FFP 110-201 FCIP 995	3345	3375		

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

FHP 1640 BHT 112°F	Date Received	 Signature Kansas Dist Geol Title 2-17-81 Date
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