

KANSAS

State *Oil* *Conservation* *Commission* *22-1-26W*

WELL COMPLETION REPORT AND  
DRILLER'S LOG

S. 22 T. 1S R. 26 *W*

Loc. C W/2 SW NW

County Decatur

API No. 15 — 039 — 20,535  
County Number

Operator  
A. L. Abercrombie, Inc.

Address  
Abercrombie Drilling, Inc.

Well No. 4 Lease Name MAPES

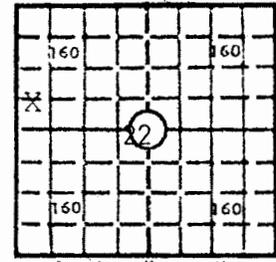
Footage Location  
1980 feet from (N) *X* line 330 feet from (E) *X* (W) line

Principal Contractor Abercrombie Drilling Geologist Vernon Schrag

Spud Date 10-31-80 Date Completed 11-07-80 Total Depth 3555' P.B.T.D. 3486

Directional Deviation Oil and/or Gas Purchaser KOCH Oil Co.

640 Acres  
N



Elev.: Gr. 2431'

DF 2437' KB 2439'

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#	247'	Common	175	2% gel, 3% c.c.
Production	7 7/8"	4 1/2"	10 1/2#	3536'	50-50 pos. Common	500 300	2% gel, 12 1/2# gil/sx. salt sat. w/friction reducer

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			4	DP	3260-3263
			4	DP	3247-3249

TUBING RECORD

Size	Setting depth	Packer set at

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
1500 gallons of 15% Non-E	3260'-3263' & 3247'-3249'

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.) Pumping			
DATE 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) 3260-3263 & 3247-3249		

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 A. L. Abercrombie, Inc.		DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Oil
Well No. 4	Lease Name MAPES	
S <u>22</u> T <u>1S</u> R <u>26</u> W		

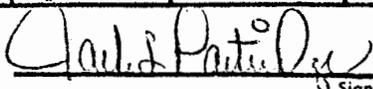
**WELL LOG**

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
Sand & Shale	0	248	SAMPLE TOPS:	
Shale	248	1235		
Shale & Sand	1235	1888	Anhydrite	1888'
Anhydrite	1888	1913	B/Anhydrite	1913'
Shale & Sand	1913	2530	Heebner	3172' (- 773)
Shale	2530	3075	Toronto	3211' (- 772)
Lime & Shale	3075	3228	Lansing	3217' (- 778)
Lime	3228	3555		
Rotary Total Depth		3555		
DST #1 (3172'-3228') 30", 45", 60", 45" Rec. 186' mud with oil spots, 124' watery mud with oil spots. IFP 65#-93#, IBHP 629#, FFP 119#-173#, FBHP 282#.				
DST #2 (3231'-3250') 30", 45", 60", 45" Rec. 5' free oil, 45' OCM (25% oil) 60' mud & oil cut water (60% water & 10% oil) IFP 21#-32#, IBHP 293#, FFP 43#-65#, FBHP 282#.				
DST #3 (3252'-3270') (50' zone in Lansing) 30", 45", 30", 30" Weak blow, died in 27". Flushed tool, remained dead. Rec. 15' of very slightly oil speck mud. IFP 32#-32#, IBHP 445#, FFP 32#-32#, FBHP 413#.				
DST #4 (3273'-3330') (Packer Failure)				
DST #5 (3267'-3330') 30", 30", 30", 30" Rec. 10' mud. IFP 43#-43#, IBHP 65#, FFP 54#-54#, FBHP 65#.				
ELECTRIC LOG TOPS:				
			Anhydrite	1889' (+ 550)
			B/Anhydrite	1950' (+ 524)
			Heebner	3176' (- 737)
			Toronto	3213' (- 774)
			Lansing	3219' (- 780)
			B/KC	3423' (- 984)
			Granite Wash	3530' (-1091)
			LTD	3556' (-1170)
			DTD	3555' (-1116)

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

Date Received	 Signature Jack L. Partridge, Asst. Sec.-Treas. Title 11-17-80 Date
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