

PZ

**IMPORTANT**  
Kans. Geo. Survey request  
samples on this well.

18-35-28W

**KANSAS DRILLERS LOG**

S. 18 T. 35 R. 28 <sup>K</sup>/<sub>W</sub>  
Loc. 860' FSL & 1800' FEL  
County Meade

API No. 15 — 119 — 20,388  
County Number

Operator  
Mesa Petroleum Co.

Address  
50 Penn Place, Suite 1200 Okla City, Okla 73118

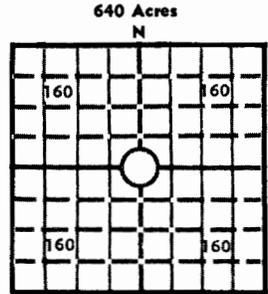
Well No. #4-18 Lease Name Adams

Footage Location  
1000 feet from (N) (S) line 1800 feet from (E) (W) line

Principal Contractor Sage Drilling Co. Geologist

Spud Date 2-1-80 Total Depth 5349 P.B.T.D. 5295

Date Completed 3-4-80 Oil Purchaser Koch



Elev.: Gr. 2274

DF 2283 KB 2285

**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	24	606	35/65 Poz Class H	200 150	2% CaCl 6% gel 3% CaCl
Production	7 7/8	5 1/2	15.5#	5344	50/50 Poz Class H	350 100	18% salt 8% gel
						(2 stages)	

**LINER RECORD**

**PERFORATION RECORD**

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	4" csg gun	4438-46
			2	4" csg gun	2922-28

**TUBING RECORD**

**ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD**

Amount and kind of material used	Depth interval treated
1000 gal 15%	4438-46
Natural	2922-28

**INITIAL PRODUCTION**

Date of first production	Producing method (flowing, pumping, gas lift, etc.) <u>Lansing - pumping; Council Grove - flowing</u>				
<b>RATE OF PRODUCTION PER 24 HOURS</b>	Oil <u>Lansing 15</u> bbls.	Gas <u>C. Grove 750</u> MCF	Water <u>Lansing 30</u> <u>C. Grove 3</u> bbls.	Gas-oil ratio	CFPB
Disposition of gas (vented, used on lease or sold) <u>Sold</u>	Producing interval(s) <u>Lansing 4438-46</u> <u>C. Grove 2922-28</u>				

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

Well No. 4-18 Lease Name Adams Dual Oil/Gas

S 18 T 35 R 28 <sup>KX</sup> 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.

Table with 4 columns: FORMATION DESCRIPTION, CONTENTS, ETC., TOP, BOTTOM, NAME, DEPTH. Rows include Wreford (2812), Council Grove (2922), Toronto (4324), and Lansing (4438).

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

Date Received Signature Production Supervisor Title 11-18-80 Date

8-32-58m

DRILLERS LOG

ADAMS NO. 4-18

CASING RECORD:	OPERATOR: Mesa Petroleum Co.	DESCRIPTION:
8-5/8" set @ 605' w/350 sax cement	CONTRACTOR: Sage Drilling Co., Inc.	1000' FSL & 1800' FEL of
TOTAL DEPTH: 5349'	COMMENCED: January 31, 1980	Sec. 18-35S-28W, Meade County, Kansas.
	COMPLETED: February 10, 1980	

<u>FORMATION</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Red Bed	0	1710	
Red Bed & Shale	1710	2130	
Red Bed, Shale & Lime	2130	2390	
Shale & Lime	2390	2645	
Lime & Shale	2645	3147	
Shale & Lime	3147	3240	
Lime & Shale	3240	3672	
Shale & Lime	3672	3896	
Lime & Shale	3896	5349	Logged Hole, 5½" set @ 5344'. DV Tool @ 3153'. Cemented in Two Stages with Total of 450 sax.

I certify that this is a true and correct copy of the log on the above captioned well to the best of my knowledge.

SAGE DRILLING CO., INC.

By John R. Bartholomew  
John R. Bartholomew



Subscribed and sworn to before me this 13th day of February, 1980.

Louise K. Whitted  
Louise K. Whitted, Notary Public

My Commission expires:  
November 26, 1982.