

State Geological Survey
KANSAS DRILLERS LOG

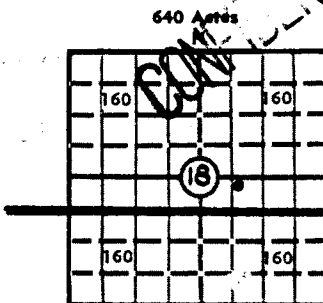
IMPORTANT
Kans. Geo. Survey request
samples on this well

RECEIVED

S. 18 T. 35 R. 28 E

Loc. SW SE

County Meade



Locate well correctly

Elev.: Gr. 2278

DF 2289 KB 2289

API No. 15 — 119 — 20,352 AMARILLO PRODUCTION
County Number

Operator

Mesa Petroleum Company

APR - 9 1979

Address

Box 2009 Amarillo, Texas 79189

Well No.

#3-18

Lease Name

Adams

JLF

SD

GD

BC

TL

Footage Location

660'

N of St.

feet from (E) line

1800

feet from (E) line

Principal Contractor

Sage Drilling Co.

Geologist

Don Huber

Spud Date

4-19-79

Total Depth

6400

P.B.T.D.

6385

Date Completed

6-18-79

Oil 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	9 5/8	32, 36 & 40	1464	Lite & H	1025	2% CaCl
Production	7 7/8	5 1/2	14 & 15.5	6401	50:50 & H	700 (2 stages)	8% Salt, 2% gel

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	.38" jet	6363-68, 6289-93
					6279-83, 6182-88
					6196-6206
Size 2 1/16	Setting depth 6340	Packer set at 6150	1	.38" jet	5910-14, 5903-08
2 1/16	5914				5890-96, 5875-92,
					5854-62

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
4500 gal 15% HCl, 5000 gal retarded 15%	6196-6368
3000 gal 7 1/2% HCl, 11000 gal retarded 20%	5854-5914

INITIAL PRODUCTION

Date of first production	Producing method (flowing, pumping, gas lift, etc.)
6-1-79 (cleaning-up)	Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil
	St. Louis 56 bbls.
	Gas Chester 1700 AOF
	Water
	Gas-oil ratio
	St. Louis 206 MCF
	bbls. St. Louis 8957 CFPB
Disposition of gas (vented, used on lease or sold)	Producing interval(s)
Vented	Chester 5854-5914
	St. Louis 6196-6368

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.: Gas
Well No. 3-18	Lease Name Adams	
S 18 T 35S R 28 ^{EX} 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 (2914-2933) IH, FH: 1482-1482; IF, FF: 161-388, 226-453; ISI, FSI: 935-871. GTS @ 1878 mcf/d. Rec. 383' SW			Heebner	4298
DST #2 (4289-4345) IH, FH: 1969-1936; IF, FF: 66-199, 199-298; ISI, FSI 1445 Rec. 60' GCM, 476' GCSW			Lansing	4435
DST #3 (4436-4454) IH, FH: 2231-2100; IF, FF: 99-248, 265-397; ISI, FSI 1445-1412 GTS @ 9mcf/d. Rec. 1288' GCO, 607' G&MCO			Marmaton	5166
DST #4 (4968-5017) IH, FH: 2330; IF, FF: 33-166, 167-248; ISI, FSI 1559 Rec. 556' GCM			Cherokee	5382
DST #5 (5134-5188) IH, FH: 2420; IF, FF: 66-83, 99-133; ISI, FSI: 1862-1871 Rec. 4571' G, 30' DM, 361' O&GCM			Morrow	5726
DST #6 (5236-5350) IH, FH: 2592-2526; IF, FF: 166-215, 215-348; ISI, FSI: 1805-1787 Rec. 4181' G, 30' DM, 100' O&GCM, 601' G			Chester	5835
DST #7 (5740-5850) IH, FH: 2754; IF, FF: 304-225, 238-225; ISI, FSI: 1198-1580 GTS @ 7mcf/d, rec. 380' GCM			St. Louis	6254
DST #8 (5854-5950) IH, FH: 2888, 2822 IF, FF: 182-199, 166-166; ISI, FSI 2067-2034 GTS @ 296 mcf/d, rec. 5854' G				
DST #9 (6110-6284) IH, FH: 2951, 2938; IF, FF: 118-144, 131-144; ISI, FSI 617-1129 Rec. 125' DM				

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

Date Received	
	Staff Engineer
	Title
	June 27, 1979
	Date

State Geological Survey
WICHITA BRANCH

CONFIDENTIAL

RECEIVED
AMARILLO PRODUCTION

MAY 21 1979

DRILLERS LOG

ADAMS NO. 3-18

JLF		GD	
SD		BC	
		TLS	

CASING RECORD: OPERATOR: Mesa Petroleum Co. DESCRIPTION:
9-5/8" set @ 1464' CONTRACTOR: Sage Drilling Co., Inc. 660' FSL&1800' FEL
w/1,025 sax cement Sec. 18-35S-28W
Meade County,
Kansas.
TOTAL DEPTH: COMMENCED: April 19, 1979
6,400' COMPLETED: May 12, 1979

FORMATION	FROM	TO	REMARKS
Red Bed	0	1469	
Red Bed & Shale	1469	1580	
Shale & Lime	1580	2587	
Lime & Shale	2587	2974	Ran DST#1;
Dolomite & Shale	2974	3266	
Lime & Shale	3266	4090	
Shale & Lime	4090	4345	Ran DST#2;
Lime & Shale	4345	4453	Ran DST#3;
Lime & Shale	4453	5023	Ran DST#4;
Lime & Shale	5023	5188	Ran DST#5;
Lime & Shale	5188	5350	Ran DST#6;
Lime & Shale	5350	5850	Ran DST#7;
Lime & Shale	5850	5950	Ran DST#8;
Lime & Shale	5950	6284	Ran DST#9;
Lime & Shale	6284	6390	
Lime	6390	6400	Logged Hole; 5½" set @ 6400' w/400 sax cement; DV Tool set @ 4530' w/350 sax cement.

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 16th day of May, 1979