

KANSAS

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

State Geological Survey
WICHITA, BRANCH

WELL COMPLETION REPORT AND DRILLER'S LOG

API No. 15 — 119 — 20,450
County Number

S. 36 T. 33 R. 29 ~~W~~ W

Loc. C SW $\frac{1}{2}$

County Meade

Operator

Mesa Petroleum Co.

Address

50 Penn Place, Suite 1200, OK City, OK 73118

Well No.

1-36

Lease Name

Hilst

Footage Location

1320 feet from (N) (S) line 1320 feet from (E) (W) line

Principal Contractor

Sage Drilling CO., Inc.

Geologist

Spud Date

11-20-80

Date Completed

1-6-81

Total Depth

6288

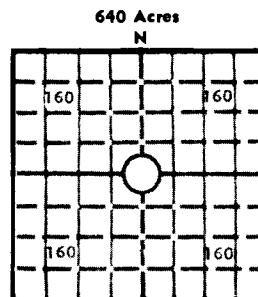
P.B.T.D.

5060

Directional Deviation

Oil and/or Gas Purchaser

Koch



Locate well correctly

Elev.: Gr. 2453

DF 2462 KB 2464

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 $\frac{1}{2}$	8 5/8	24#	1615	H Lite	150 600	3% CC 2% CC
Production	7 7/8	4 1/2	10.5	5120	H 50-50 Poz	50 150	8% gel, 10% Salt 18% salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			1	3 1/8 4 way	4970
Size	Setting depth	Packer set at			
2 3/8	4945	4945			

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
250 gal 15%	4970

INITIAL PRODUCTION

Date of first production		Producing method (flowing, pumping, gas lift, etc.)			
1-5-81		Pumping			
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water	Gas-oil ratio	
	40 bbls.	8 MCF	90 bbls.	CFPB	
Disposition of gas (vented, used on lease or sold)			Producing interval(s)		
used on lease			Kansas City		

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

Mesa Petroleum Co.

Well No.

1-36

Lease Name

Hilist

S 36 T 33 R 29 E 4

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
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DST #1 5676-5745 (Morrow)

IH 2710
IF 66-66 wk blow

ISI 99
FF 66-66 wk blow

FSK 82
FH 2694

Rec. 60' DM

DST #2 (Kansas City) 4935-75

IH 2412
IF 86-292

ISI 1704
FF 292-581

FSI 1704
FH 2412

Rec. 941' HGCO, 500' GCSW

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

Date Received

Signature

Production Supervisor

Title

March 17, 1981

Date

DRILLERS LOGHILST NO. 1-36

CASING RECORD: OPERATOR: Mesa Petroleum Co. DESCRIPTION: 1320' FSL &
 8-5/8" set @ 1615' CONTRACTOR: Sage Drilling Co., Inc. 1320' FWL
 w/750 sax cement COMMENCED: November 22, 1980 Sec. 36-33S-29W
 TOTAL DEPTH: 6288' COMPLETED: December 6, 1980 Meade County,
 Kansas

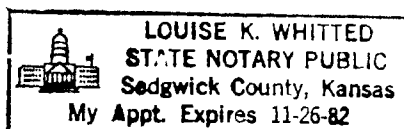
<u>FORMATION:</u>	<u>FROM</u>	<u>TO</u>	<u>REMARKS</u>
Sand, Clay & Shale	0	745	
Sand & Red Bed	745	1620	
Red Bed & Anhydrite	1620	2464	
Lime & Shale	2464	3998	
Shale & Lime	3998	4170	
Lime & Shale	4170	5664	
Shale & Lime	5664	5690	
Lime & Shale	5690	5745	
Lime & Shale	5745	5818	DST #1 @ 5745'
Shale & Lime	5818	5955	
Lime & Shale	5955	6170	
Shale & Lime	6170	6260	
Lime & Shale	6260	6288	Logged Hole, Ran DST #2. 4½" set @ 5120' w/200 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 11th day of December, 1980.



Louise K. Whitted
 Louise K. Whitted, Notary Public