

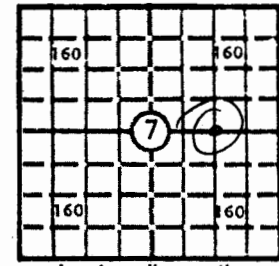
15-075-20208

S. 7 T. 26S R. 39W E

Loc. C E/2

County Hamilton

640 Acres N



Elev.: Gr. 3382'

DF KB 3390'

API No. 15 — 075 — 20,208  
County Number

Operator Ashland Exploration, Inc.

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

Well No. 1-7 Lease Name Lowenburg

Footage Location 2640 feet from (N) line 1320 feet from (E) line

Principal Contractor Earl F. Wakefield Geologist

Spud Date Sept. 19, 1977 Total Depth 2957' P.B.T.D. 2955'

Date Completed Sept. 22, 1977 Oil Purchaser

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 1/2"	8 5/8"	24#	678'	Class H	350	3% CC & 1/2# D-29
Production	7 7/8"	5 1/2"	14#	2956'	35-65 Poz Class H	500 150	6% Gel. & 1/2# D-29 18% Salt

LINER RECORD

PERFORATION RECORD

Top, ft.	Bottom, ft.	Sacks cement	Shots per ft.	Size & type	Depth interval
			2	JET	2740' - 2834' (OA)

Size	Setting depth	Packer set at
2 3/8"	2834'	

ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD

Amount and kind of material used	Depth interval treated
Acidized W/3000 Gal. 15% HCl	
Fractured W/100,000# 10-20 SD & 100,000 GFW	2740' - 2834' (OA)

INITIAL PRODUCTION \* SEE REVERSE

Date of first production	SI	Producing method (flowing, pumping, gas lift, etc.)	Flowing
RATE OF PRODUCTION PER 24 HOURS	Oil	Gas	Water
	----- bbls.	----- MCF	----- bbls.
Disposition of gas (vented, used on lease or sold)	Producing interval (s)		
	2740' - 2834' (OA)		

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 an open file in the Oil and Gas Division, State Geological Survey of Kansas, Lawrence, Kansas 66044.

Operator **Ashland Exploration, Inc.** DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.:

Well No. **1-7** Lease Name **Lowenburg** Gas

S 7 T 26S R 39W <sup>E</sup>/<sub>W</sub>

**WELL LOG**

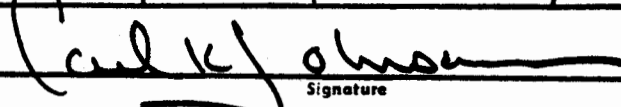
Show all important zones of porosity and contents thereof; cored intervals, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION.

FORMATION DESCRIPTION, CONTENTS, ETC.	TOP	BOTTOM	NAME	DEPTH
Surface Sand, Clay & Red Bed	0	678		
Red Bed & Sand	678	1310		
Red Bed, Gyp, & Sand	1310	1895		
Lime, Shale, Anhydrite, & Salt	1895	2310		
Lime & Shale	2310	2957		
TD		2957		

\* This well is shut-in waiting for pipeline connection. Test information will be furnished at a later date.

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

Date Received	
	Signature
	Regional Production Superintendent
	Title
	3/22/78
	Date

BEST COPY AVAILABLE  
STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION

WELL COMPLETION OR RECOMPLETION FORM  
ACO-1 WELL HISTORY

DESCRIPTION OF WELL AND LEASE

Operator: License # 04824  
Name Mesa Operating Limited Partnership  
Address P.O. Box 2009  
Amarillo, Texas 79189  
City/State/Zip

Purchaser Colorado Interstate Gas

Operator Contact Person W. Riddle  
Phone (316) 356-3026

Contractor: License # NA  
Name Earl F. Wakefield, Inc.

Wellsite Geologist  
Phone

- Designate Type of Completion
- New Well
  - Re-Entry
  - Workover
  - Oil
  - Gas
  - Dry
  - SMD
  - Inj
  - Other (Core, Water Supply etc.)
  - Temp Abd
  - Delayed Comp.

If ONWO: old well info as follows:  
Operator Ashland Exploration Inc.  
Well Name Lowenburg # 1-7  
Comp. Date 9-22-77 Old Total Depth 2957'

WELL HISTORY

Drilling Method:  
 Mud Rotary  Air Rotary  Cable

9-19-77	9-21-77	9-22-77
Spud Date	Date Reached TD	Completion Date
2957'	2955'	
Total Depth	PBTD	

Amount of Surface Pipe Set and Cemented at 678' feet  
Multiple Stage Cementing Collar Used?  Yes  No  
If yes, show depth set.....feet  
If alternate 2 completion, cement circulated from.....feet depth to.....w/.....SX cmt

API NO. 15-075-20,208  
County Hamilton  
C E/2 Sec 7 Twp 26S Rge 39  East  West

2640 Ft North from Southeast Corner of Section  
1320 Ft West from Southeast Corner of Section  
(Note: Locate well in section plat below)

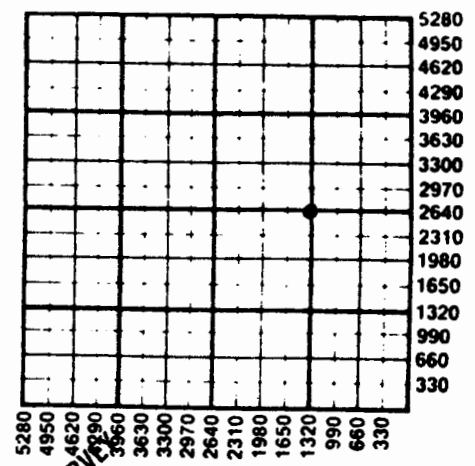
Lease Name LOWENBURG Well # 1-7

Field Name Panoma

Producing Formation Council Grove

Elevation: Ground 3382' KB 3390'

Section Plat



WATER SUPPLY INFORMATION  
Disposition of Produced Water:  Disposal  Repressuring  
Docket # 73

Questions on this portion of the ACO-1 call:  
Water Resources Board (913) 296-3717  
Source of Water:  
Division of Water Resources Permit #  
 Groundwater.....Ft North from Southeast Corner (Well) .....Ft West from Southeast Corner of Sec Twp Rge  East  West  
 Surface Water.....Ft North from Southeast Corner (Stream, pond etc).....Ft West from Southeast Corner Sec Twp Rge  East  West  
 Other (explain) commercial source (purchased from city, R.W.D. #)

INSTRUCTIONS: This form shall be completed in duplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 90 days after completion or recompletion of any well. Rule 82-3-130 and 82-3-107 apply.  
Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months.  
One copy of all wireline logs and drillers time log shall be attached with this form. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

Operator Name ..... Mesa Operating Limited Partnership ..... Lease Name ..... Lowenburg ..... Well # ..... 1-7

Sec. 7 ..... Twp. 26S ..... Rge. 39 .....  East  West ..... County ..... Hamilton .....

WELL LOG

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken  Yes  No  
 Samples Sent to Geological Survey  Yes  No  
 Cores Taken  Yes  No

Formation Description  
 Log  Sample

Not available

Name	Top	Bottom
surface sd, clay, redbed	0	678
redbed and sand	678	1310
redbed, gyp & sand	1310	1895
lm, sh, anhy, salt	1895	2310
lime & shale	2310	2957

	Oil	Gas	Water	Gas-Oil Ratio	Gravity
Estimated Production Per 24 Hours	-- Bbls	160 MCF	24 Bbls	-- CFPB	--

METHOD OF COMPLETION

Production Interval

Disposition of gas:  Vented  Sold  Open Hole  Perforation  Other (Specify) ..... 2740-2834'

CASING RECORD  New  Used

Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (in O.D.)	Weight Lbs/Ft.	Setting Depth	Type of Cement	#Sacks Used	Type and Percent Additives
surface	12 1/4	8 5/8"	24#	678	H	350	3% CC
production	7 7/8	5 1/2"	14#	2956'	Poz	500	6% gel

PERFORATION RECORD

Acid, Fracture, Shot, Cement Squeeze Record

Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2 SPF	2740-2834'	3000 gal 15% HCL 100,000# 10/20 sand + 100,000 GFW	

TUBING RECORD Size 2 3/8" Set At 2809' Packer at -- Liner Run  Yes  No

Date of First Production 6-9-80 Producing Method  Flowing  Pumping  Gas Lift  Other (explain) .....