

RECEIVED

JAN 18 1974

COIN. OIL & GAS CONVS. COMM.

COMPARATIVE WELL DATA AND DEPTHS

A. A. Koenig - R. Allen  
#1 Morgan County Investment Co.  
C NE $\frac{1}{4}$ NW $\frac{1}{4}$  6-2N-57W  
Morgan County, Colorado

Lion Oil Company  
#1 Reggie  
NW $\frac{1}{4}$ NE $\frac{1}{4}$  6-2N-57W  
Morgan County, Colorado

Petroleum Inc.  
#1 Morgan County Investment Co.  
SW $\frac{1}{4}$ SW $\frac{1}{4}$ NE $\frac{1}{4}$  1-2N-58W  
Morgan County, Colorado

Elevation: 4359' Ground  
4369' KB

Elevation: 4360' Ground  
4369' KB

Elevation: 4377' Ground  
4385' KB

Niobrara  
Fort Hays  
Carlile  
Greenhorn  
Bentonite Marker  
  
"D" Sand  
Producing Sand  
Base of "D" Sand  
"J" Sand  
  
Total Depth

Log Tops	
4743'	(- 374')
5054'	(- 685')
5087'	(- 718')
5154'	(- 785')
5396'	(- 1027')
5488'	(- 1119')
5492'	(- 1123')
5514'	(- 1145')
-----	-----
5561'	Driller
5557'	Logger

Log Tops	
4779'	(- 410')
5045'	(- 676')
5090'	(- 721')
5155'	(- 786')
5392'	(- 1023')
5484'	(- 1115')
5497'	(- 1128')
5522'	(- 1153')
5562'	(- 1193')
5745'	Driller
5749'	Logger

Log Tops	
4816'	(- 431')
5096'	(- 711')
5142'	(- 757')
5202'	(- 817')
5444'	(- 1059')
5538'	(- 1153')
5544'	(- 1159')
5568'	(- 1183')
5615'	(- 1230')
5800'	Driller
5806'	Logger



00080020

Well Report  
#1 Morgan County Investment Company  
Page 3

SAMPLE DESCRIPTION

Sample Description - 5480 to Total Depth ("D" Sand Interval)

- 5480'- 5490' Shale, medium to dark gray, silty, slightly clayey; pyrite; trace brown-white siltstone-occasional free sand grains.
- 5490'- 5500' Shale, as above; traces of brown siltstone-slight increase in amount from previous sample.
- 5500'- 5505' Sandstone, white to gray, fine grained, clay infilling, No porosity or staining.
- 5505'- 5510' Sandstone, as above; No porosity or staining.
- 5510'- 5515' Sandstone, white, fine to very fine grained; No visible porosity or staining.
- 5515'- 5520' Sandstone, as above; Trace of Sandstone, white, fine grained, poor porosity, very faint staining, fair fluorescence, poor to no cut.
- 5520'- 5528' Sandstone, as above; Trace of Sandstone, medium grained, poor to fair porosity, slightly stained, very faint cut on freshly broken surface.
- 5528'- 5530' Sandstone, as above, fair porosity with no staining.
- 5530'- 5535' Shale, dark gray, slightly silty, trace of pyrite.
- 5535'- 5540' Shale, as above; No sandstone clusters in sample.
- 5540'- 5550' Shale, as above, with some bentonite.
- 5550'- 5561' Shale as above.

BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Size</u>	<u>Type</u>	<u>Depth Out</u>	<u>Footage</u>	<u>Hours</u>
1	Reed	7 7/8"	YT-3A	3498'	3159'	17½
2	Smith	7 7/8"	DT	5187'	1689'	19
3	Smith	7 7/8"	DT	5561'	374'	12

PLUGGING RECORD

- Total Depth (5557') to 5192' - 73 sacks Light Cement  
Base of Surface Casing - 15 sacks  
Top of Surface Casing - 10 sacks

RECEIVED

JAN 18 1974

CONF. ON P. GAS CONS. COMM.

SYNOPSIS

OPERATOR: A. A. Koenig - R. Allen  
Denver, Colorado

WELL NAME & NUMBER: #1 Morgan County Investment Company

LOCATION: 660' f/NL, 1,980' f/WL, Section 6;  
Township 2 North, Range 57 West  
Morgan County, Colorado

ELEVATION: 4359' Ground  
4369' KB

DRILLING CONTRACTOR: Exeter Drilling Company  
2300 Lincoln Center Building  
Denver, Colorado  
Rig #13  
Ernie Paulsen - Tool Pusher

SPUD DATE: June 11, 1973 (1:00 P.M.)

SURFACE CASING: 8 5/8" - 200' Set @ 212' KB

COMPLETED DRILLING: June 14, 1973

COMPLETED LOGGING: June 14, 1973

WELL STATUS: Plugged & Abandoned - June 15, 1973

CORING PROGRAM: None

TESTING PROGRAM: None

LOGGING PROGRAM: Schlumberger  
Fort Morgan, Colorado  
Induction-Electrical Log  
Two inch scale -- Base of  
Surface Casing to Totaldepth  
Five Inch scale -- 4600' to  
Total Depth

GEOLOGIST: A. A. Koenig  
11670 Sherman  
Denver, Colorado

R. Allen  
791 South Emporia Street  
Denver, Colorado 80231

LOG OF OPERATIONS

<u>Date</u>	<u>Time</u>	<u>Data</u>
June 10, 1973	8:00 A.M.	Prepare to Move In
June 11, 1973	8:00 A.M.	Finish Moving In, Rigging Up, Prepare to Spud
June 12, 1973	8:00 A.M.	Finish Rigging Up, Spud @ 1:00 P.M. - 6/11- Ran eight (8) joints 8 5/8", 20 lb.(200'), Surface Casing; Set @ 212' KB with 140 sacks regular cement (3% CaCl). Plug Down @ 4:00 P.M.- 6/11/73 Drilling @ 2450' 1/4" @ 239', 1/4" @ 960', 1/2" @ 2000'
June 13, 1973	8:00 A.M.	Drilling @ 4450' - Bit #2 in @ 3498'; 3/4" @ 3005', 1" @ 3498'
June 14, 1973	8:00 A.M.	Drilling @ 5540' - Bit #3 in @ 5187' 1" @ 5187'
June 15, 1973	8:00 A.M.	Total Depth 5561' (Driller) - 5557' (Logger) Completed Drilling - 10:40 A.M. - 6/14/73 Completed Logging - 4:30 P.M. - 6/14/73 Well Plugged & Abandoned 6/15/73