



99999999

087-05807

SYNOPSIS OF WELL HISTORY

OPERATOR: Vaughney and Vaughney

WELL: #1 James Hunt

LOCATION: 1975' south of the North Line
624' west of the East Line
C SE NE, Sec. 9, T2N, R55W
Morgan County, Colorado

ELEVATION: Ground Surveyed 4497.6'
K. B. 4507'

SPUD DATE: May 8, 1961

COMPLETION DATE: May 14, 1961

STATUS: Plugged and Abandoned

TOTAL DEPTH: Driller: 5185'
Schlumberger: 5189'

CASING: 90 feet of 8-5/8" 24# set at 102' K.B.
with 275 sacks, 2% CaCl₂

CONTRACTOR: Allison Drilling Company
Denver, Colorado

TOOLPUSHER: Early Vion

LOGS: Induction-Electrical Log
and Microlog with Caliper

PLUGS: Plugs were set at the top of surface,
base of surface and in the Dakota Sands.



00510043

SAMPLE DESCRIPTIONS
(Corrected to Schlumberger)

4900'	4948'	shale, black
4948'	4971'	shale, black with siltstone, gray, hard, tight
		BENTONITE 4971' -464
4971'	4975'	bentonite
4975'	4984'	shale, black with siltstone, gray, hard, tight
4984'	5009'	shale, black with bentonite stringers
		"D" SAND 5009' -502
5009'	5012'	sandstone, white, very fine grained, hard, tight, very slightly acid reaction
5012'	5018'	sandstone, white, fine grained, fair to good porosity and permeability, good brown oil stain.
5018'	5020'	shale, black, silty, hard, tight
5020'	5025'	sandstone, white, fine grained, fair to good porosity and permeability, brown oil stain, some spotty
5025'	5031'	siltstone gray and shale black interbedded
5031'	5040'	sandstone, white to light gray, slight to poor porosity and permeability, some acid reaction
5040'	5045'	siltstone, gray, shale, black interbedded
5045'	5065'q	shale, black, soft
5065'	5081'	siltstone, gray, with shale, black interbedded
		"J" SAND 5081' -374
5081'	5085'	siltstone, light gray, hard, tight, no show
5085'	5095'	sandstone, white, very fine grained, slight porosity and permeability, some acid reaction slight stain
5095'	5102'	sandstone as above with siltstone, gray and shale, black interbedded
5102'	5117'	sandstone, white, fine grained, heavily clay filled scattered brown oil stain. Very slight porosity and permeability.

5117'

5189'

sandstone, white, fine grained to silty,
heavily clayfilled, argillaceous, tight,
slight porosity and permeability, no show

5189'

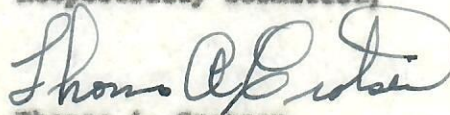
Schlumberger Total Depth

PLUGGING RECORD

Plug #1	4992' to 5050'	58 feet	75 sacks
Plug #2	60' to 120'	60 feet	20 sacks
Plug #3	Top of surface		10 sacks

Weld metal plate on top of surface pipe below plug depth
Grade and level location.

Respectfully submitted,


Thomas A. Crotser

TAC/m

CHRONOLOGICAL HISTORY

5/8/61 Spud. Set 90' of 3 5/8" 24# at 102'
Drilled 102' to 893'. Bit #1 at 102'

5/9/61 Drilled from 893' to 2788'

5/10/61 Drilled from 2788' to 4258'
Bit #2 at 2789'

5/11/61 Drilled from 4258' to 5008'
Bit #3 at 4500'

5/12/61 Drilled from 5008' to 5018'
DST #1 5007' to 5018'

5/13/61 Drilled from 5018' to 5185'
Bit #4 at 5018', Bit #5 at 5103'
Logging

5/14/61 Plugged and abandoned.

BIT RECORD

<u>No.</u>	<u>Make</u>	<u>Type</u>	<u>In</u>	<u>Out</u>	<u>Feet</u>	<u>Hours</u>
1	Sec	S-3	102'	2789'	2687'	16
2	Sec	S-3	2789'	4500'	1711'	12
3	Sec	S-3	4500'	5018'	518'	8.25
4	Sec	MAN	5018'	5103'	85'	4.50
5	Sec	MAN	5103'	5185'	82'	2.50

VERTICAL DEVIATION

1010 feet	1/4°
2006 feet	1-1/4°
4800 feet	1/4°

DRILL STEM TEST NO. 1

5007' to 5018' (Schlumberger 5011' to 5022')

Open 1.5 hours, shut in 45 min.

Strong blow gas to surface in 7 minutes

Recovered 40' slightly oil cut and heavily
gas cut muddy water, 1300' slightly gas
cut water

IFP 266 psi.
 FFP 659 psi.
 SIP 1063 psi.
 IHP 2691 psi.
 FHP 2603 psi.

<u>Time</u>	<u>Choke</u>	<u>Lbs. Pressure</u>	<u>MCF</u>
10 minutes	3/8"	10	72
13	3/8"	14	90
16	3/8"	19.5	108
19	3/8"	24	125
22	3/8"	28	135
25	3/8"	30	147
28	1/2"	24	290
37	1/2"	19	180
37	1/2"	17.3	170
40	1/2"	15.8	160
43	1/2"	14.9	149
46	1/2"	15.0	150
49	1/2"	13.2	147
52	1/2"	12.25	140
55	1/2"	11.5	135
60	1/2"	11.0	133
63	1/2"	11.0	133
66	1/2"	11.6	135
90	1/2"	9.5	120

FORMATIONS DRILLED

Schlumberger Tops:

<u>Formations</u>	<u>Depth</u>	<u>Structural Elevation</u>
Niobrara	4209'	+301
Carlile	4575'	-68
Bentonite	4971'	-464
"P" Sand	5009'	-502
"J" Sand	5081'	-574
T.D.	5189'	