



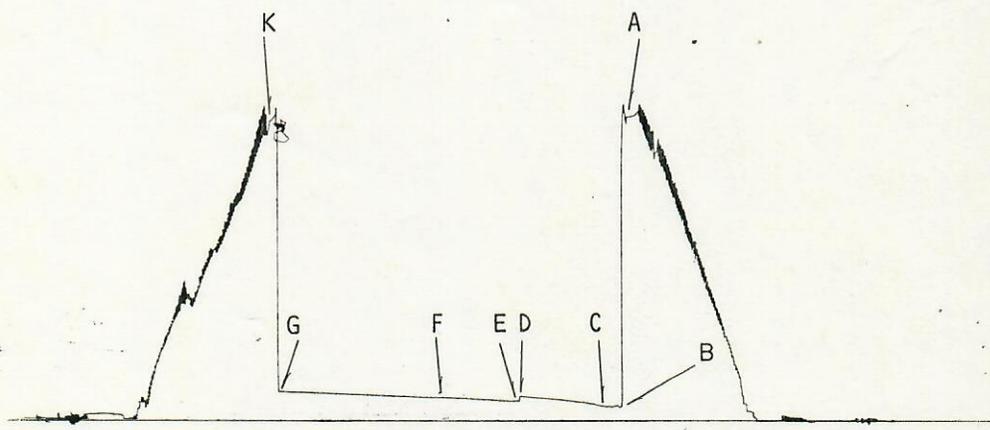
Contractor <u>Murfin Drilling</u>	Surface Choke <u>1"</u>	Mud Type <u>--</u>
Rig No. <u>23</u>	Bottom Choke <u>3/4"</u>	Weight <u>9.5</u>
Spot <u>--</u>	Hole Size <u>7 7/8"</u>	Viscosity <u>45</u>
Sec. <u>28</u>	Core Hole Size <u>--</u>	Water Loss <u>8.0</u>
Twp. <u>15 S</u>	DP Size & Wt. <u>4 1/2" XH 16.60</u>	Filter Cake <u>--</u>
Rng. <u>42 W</u>	Wt. Pipe <u>None</u>	Resistivity <u>0.75 @ 65.5 of</u>
Field <u>--</u>	I.D. of DC <u>2 1/4"</u>	<u>8421 Ppm. NaCl</u>
County <u>Cheyenne</u>	Length of DC <u>485'</u>	B.H.T. <u>111 of</u>
State <u>Colorado</u>	Total Depth <u>5156'</u>	Co. Rep. <u>Fred Clausen</u>
Elevation <u>4014' KB</u>	Type Test <u>Conventional</u>	Tester <u>Rick Elliott</u>
Formation <u>Morrow</u>	Interval <u>5060' - 5156'</u>	

Operator
 Ticket No. 120
 Date 10/13/85
 MINNERSHALL OIL & GAS CORP.
 Well Name & No. HULL #28-32
 Location S-28 T-15S R-42W
 County, State Cheyenne, Colorado
 Interval 5060' - 5156'
 Formation Morrow

	REPORTED	CORRECTED
Opened Tool @	<u>03:00</u>	hrs.
Flow No. 1	<u>15</u>	min.
Shut-in No. 1	<u>60</u>	min.
Flow No. 2	<u>60</u>	min.
Shut-in No. 2	<u>120</u>	min.
Flow No. 3	<u>None Taken</u>	min.
Shut-in No. 3	<u>" "</u>	min.

Recorder Type <u>Kuster AK-1</u>
No. <u>5497</u> Cap. <u>6650</u> psi
Depth <u>5150</u> feet
Inside Outside x

Initial Hydrostatic	A	<u>2567.8</u>
Final Hydrostatic	K	<u>2522.1</u>
Initial Flow	B	<u>120.3</u>
Final Initial Flow	C	<u>122.0</u>
Initial Shut-in	D	<u>203.6</u>
Second Initial Flow	E	<u>165.6</u>
Second Final Flow	F	<u>191.6</u>
Second Shut-in	G	<u>240.1</u>
Third Initial Flow	H	
Third Final Flow	I	
Third Shut-in	J	



Pipe Recovery: 30' Drilling mud = 0.15 bbl.

Resistivity: .83 @ 61.8°F - .48 @ Res Temp = 7,994 ppm NaCl., 4,859 ppm Cl.

1st Flow: Tool opened with a very weak, 1/2" blow and remained through flow period.

2nd Flow: Tool opened with a very weak, 1/4" blow, died in 15 minutes and remained through flow period.

Remarks: The charts have not been time-pressure incremented as both shut-in curves have insufficient character to determine reliable extrapolated reservoir pressures and indicate virtually no effective permeability in the formation within the interval tested.

FORMATION TESTERS, INC.

Wintershall Oil & Gas Corp.
Operator

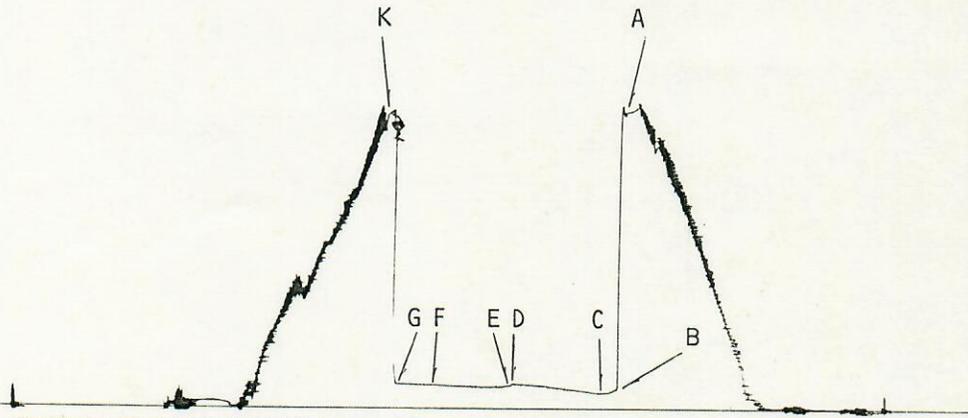
Hull #28-32
Well Name and No.

1
DST No.

Recorder Type Kuster AK-1
No. 11074 Cap. 6050 psi
Depth 5153 feet
Inside Outside X

Initial Hydrostatic A 2587.8
Final Hydrostatic K 2556.8
Initial Flow B 165.3
Final Initial Flow C 123.5
Initial Shut-in D 199.2
Second Initial Flow E 185.3
Second Final Flow F 188.9
Second Shut-in G 198.3*
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-in J _____

* The clock stopped 26 minutes into the final shut-in period.



Recorder Type _____
No. _____ Cap. _____ psi
Depth _____ feet
Inside Outside

Initial Hydrostatic A _____
Final Hydrostatic K _____
Initial Flow B _____
Final Initial Flow C _____
Initial Shut-in D _____
Second Initial Flow E _____
Second Final Flow F _____
Second Shut-in G _____
Third Initial Flow H _____
Third Final Flow I _____
Third Shut-in J _____

FORMATION TESTERS, INC.

SAMPLER REPORT

Company Wintershall Oil & Gas Corp. Date 10/13/85
Well Name & No. Hull #28-32 Ticket No. 120
County Cheyenne State Colorado
Test Interval 5060' - 5156' DST No. 1

Pressure in Sampler: None _____ psig

Total Volume of Sampler: 2000 _____ cc.

Total Volume of Sample: 2000 _____ cc.

Oil: None _____ cc.

Water: None _____ cc.

Mud: 2000 _____ cc.

Gas: None _____ cu. ft.

Other: None _____

Sample R W: 0.86 @ 63.7°F - 0.51 @ Res Temp = 7,476 ppm NaCl., 4,545 ppm Cl.

Resistivity

Make Up Water _____ @ _____ °F of Chloride Content _____ ppm.

Mud Pit Sample 0.75 @ 65.5 °F of Chloride Content 8,421 ppm.

Gas/Oil Ratio _____ Gravity _____ °API @ _____ °F

Where was sample drained On Location.

Remarks: _____

FORMATION TESTERS, INC.

DISTRIBUTION OF FINAL REPORTS

Wintershall Oil & Gas Corp.
Operator

Hull #28-32
Well Name and No.

WINTERSHALL OIL AND GAS CORP. 3
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5675 DTC BLVD. #200
ENGLEWOOD CO 80111

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ATTN GARY ASTON
1775 SHERMAN ST. SUITE 1200
DENVER CO 80203

TEXAS EASTERN CORP. 1
ATTN MR. C.E. FERN
P.O. BOX 2521
HOUSTON TX 77252

CHAMPLIN PETROLEUM CO. 2
ATTN R.J. KOZAREK
P.O. BOX 1257
ENGLEWOOD CO 80150

OIL & GAS CONSERVATION COMMISSION 1
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1580 LOGAN ST. #380
DENVER CO 80203