

(303) 336-5



00500094

MATION TESTERS, INC.

Box 427
Lamar, CO 81052

Contractor Murfin Drilling
 Rig No. 23
 Spot --
 Sec. 28
 Twp. 15 S
 Rng. 42 W
 Field --
 County Cheyenne
 State Colorado
 Elevation 4014' KB
 Formation Morrow

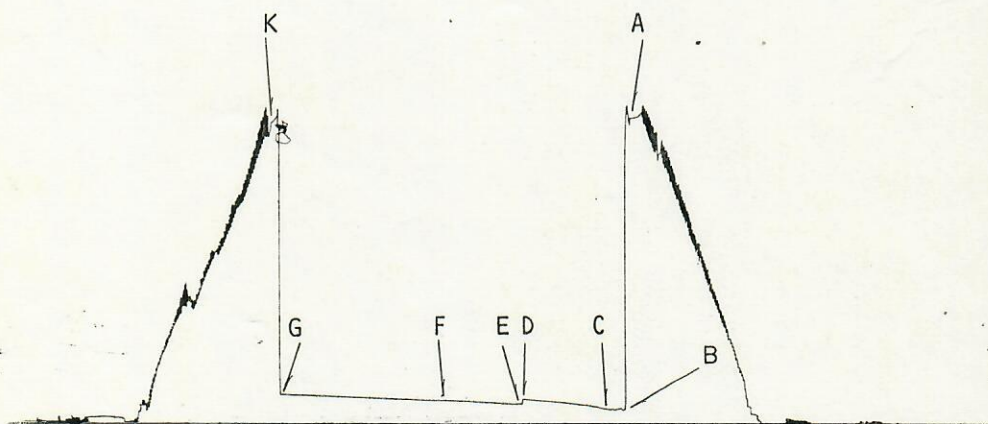
Surface Choke 1"
 Bottom Choke 3/4"
 Hole Size 7 7/8"
 Core Hole Size --
 DP Size & Wt. 4 1/2" XH 16.60
 Wt. Pipe None
 I.D. of DC 2 1/4"
 Length of DC 485'
 Total Depth 5156'
 Type Test Conventional
 Interval 5060' - 5156'

Mud Type --
 Weight 9.5
 Viscosity 45
 Water Loss 8.0
 Filter Cake --
 Resistivity 0.75 @ 65.5 °F
8421 Ppm. NaCl
 B.H.T. 111 °F
 Co. Rep. Fred Clausen
 Tester Rick Elliott

	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 Kuster AK-1
 No. 5497 Cap. 6650 psi
 Depth 5150 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.

BEST IMAGE
AVAILABLE

Operator MINERSHALL OIL & GAS CORP.
 Ticket No. 120
 Date 10/13/85
 Well Name & No. Hull #28-32
 Location S-28 T-15S R-42W
 County, State Cheyenne, Colorado
 US I No. 1
 Interval 5060' - 5156'
 Formation Morrow

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 _____

BEST IMAGE
AVAILABLE

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
ATTN TOM JUDKINS
5675 DTC BLVD. #200
ENGLEWOOD CO 80111

TEXAS EASTERN SKYLINE OIL CO. 1
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
ATTN D.V. ROGERS
1580 LOGAN ST. #380
DENVER CO 80203