

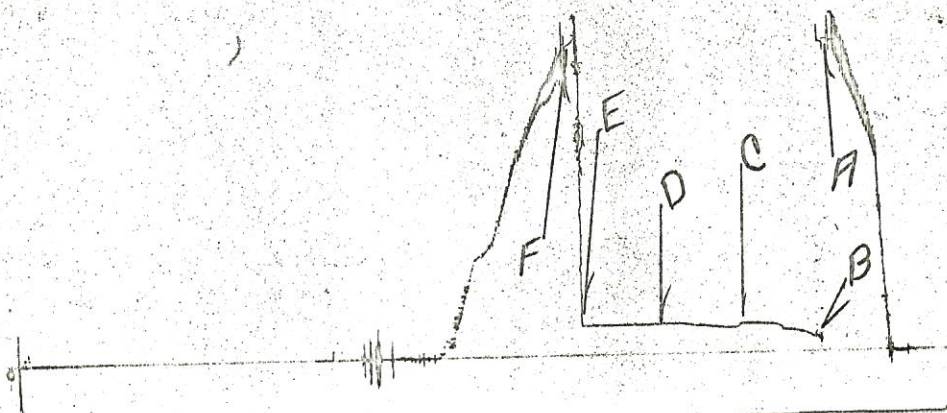
A---I HYDRO---2846 psi D---F FLOW---278 psi
 B---I FLOW---125 " E---FSIP---281 "
 C---ISIP---278 " F---F-HYDRO--2846 "

BRONCO OIL & GAS CO.---CROW # 28-14---TICKET # 233

OP CHART IN FLOW STREAM -----# 6851



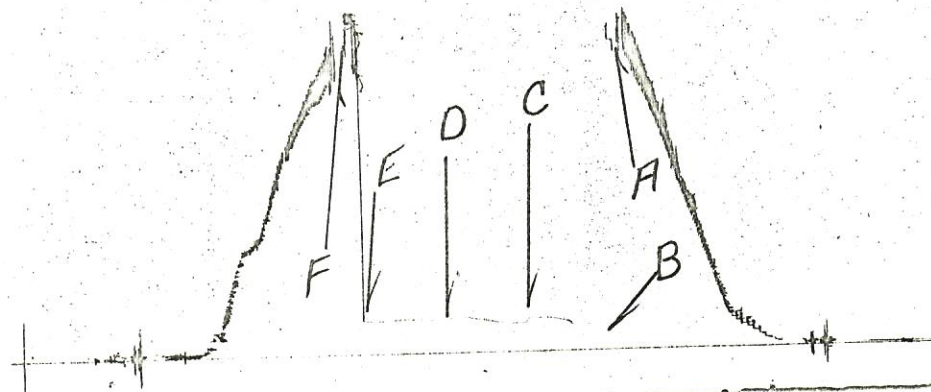
00255767



A---I HYDRO---2935 psi D---F FLOW---318 psi
 B---I FLOW---197 " E---FSIP---321 "
 C---ISIP---310 " F---F-HYDRO--2935 "

BRONCO OIL & GAS CO.---CROW # 28-14---TICKET # 233

BOTTOM CHART BLANKED OFF IN FLOW STREAM---# 6850



OCT 31 1977

Date 10-23-77		Ticket Number 233													
Kind of Job OPEN HOLE DST		MR. OLESON													
Tester D. SUTER		Witness MR. LEWIS													
Drilling Contractor TOLTEK DRIG. CO.															
EQUIPMENT & HOLE DATA															
Formation Tested J SAND															
Elevation 4375		Ft.													
Net Productive Interval		Ft.													
All Depths Measured From KB															
Total Depth 5305		Ft.													
Main Hole/Casing Size 7 7/8															
Drill Collar Length 412		I.D. 2 1/4													
Drill Pipe Length 4831		I.D. 3.826													
Packer Depth(s) 5275-5292		Ft.													
Depth Tester Valve 5260		Ft.													
<table border="1"> <tr> <td>Cushion</td> <td>TYPE</td> <td>AMOUNT</td> <td>Depth Back Pres. Valve</td> <td>Surface Choke</td> <td>Bottom Choke</td> </tr> <tr> <td></td> <td>NONE</td> <td></td> <td>NONE</td> <td>1/4-3/8</td> <td>3/4</td> </tr> </table>				Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke		NONE		NONE	1/4-3/8	3/4
Cushion	TYPE	AMOUNT	Depth Back Pres. Valve	Surface Choke	Bottom Choke										
	NONE		NONE	1/4-3/8	3/4										
Recovered 60 Feet of WATER CUT MUD															
Recovered 604 Feet of WATER															
Recovered Feet of															
Recovered Feet of															
Recovered Feet of															
Remarks OPEN TOOL FOR 30 MIN I FLOW, STRONG BLOW TO 30 PSI IN 10 1/2 MIN AND GAS TO SURF, 30 PSI ON 1/4 IN. CHOKE. 28 PSI ON 3/8 ORFICE STARTED TO DECREASE IN 15 MIN TO 18 PSI IN 30 MIN. CLOSE 30 MIN. OPEN 60 MIN. FLAIRED AT AROX 80 MCF DECREASED TO NO BLOW IN 60 MIN. CLOSE FOR 60 MIN.															
TEMPERATURE	Gauge No.	Gauge No. 6851	Gauge No. 6850	TIME											
	Depth: Ft.	Depth: 5263 Ft.	Depth: 5302 Ft.												
	Hour Clock	12 Hour Clock	12 Hour Clock	Tool A.M.											
Est. °F.	Blanked Off	Blanked Off NO	Blanked Off YES	Opened 10:30 P.M.											
Actual 150 °F.	Pressures	Pressures	Pressures	Opened A.M.											
	Field Office	Field Office	Field Office	Bypass 1:30 P.M.											
Initial Hydrostatic		2887 2846	2931 2935	Reported Computed											
First Period Flow Initial		89 125	182 197	Minutes Minutes											
Flow Final		196 217	237 245	30 30											
Closed in		267 278	293 310	30 30											
Second Period Flow Initial		231 238	255 266												
Flow Final		249 278	273 318	60 59											
Closed in		267 281	293 321	60 60											
Final Hydrostatic		2832 2846	2896 2935												

PRODUCTION TEST DATA

CROW

Lease Name

Legal Location
Sec. - Twp. - Rng. Sec 28 T9N R54W

28-14

Test No.

5292-5305

Tested Interval

Field Area
Med. From Tester Valve

ARFORD FIELD

County

LOGAN

BRONCO OIL & GAS CO.

Lease Owner/Company Name

OCT 31 1977

11. 11. 11

2 in. orifice well tester

PRODUCTION TEST DATA