

COMPANY: North Central Oil Corporation
 WELL: State 14-1

TEST IDENTIFICATION
 Test Type: OH DST
 Test No.: Five
 Formation: Devonian
 Test Interval (ft): 13000 to 13135
 Depth Reference: KB

HOLE CONDITIONS
 Total Depth (MD/TVD) (ft): 13135
 Hole Size (in): 7.875
 Casing/Liner I.D. (in):
 Part of Interval/Net Pay (ft): 27
 Shot Density/Diameter (in):

INITIAL TEST CONDITIONS
 Initial Hydrostatic (psf): 5226.33
 Gas Cushion Type:
 Surface Pressure (psf): Fresh Water
 Liquid Cushion Type:
 Cushion Length (ft): 2871

NET PIPE RECOVERY
 Volume
 Fluid Type
 Properties
 2052 +/- Dr-19, mud RWD-46105SF 17000bpm
 29.17 bbl
 6138 +/- Form. water RWD-301060F 25000bpm
 81.38 bbl

NET SAMPLE CHAMBER RECOVERY
 Volume
 Fluid Type
 Properties
 0.15 cuft Gas
 0 cc Oil
 2400 cc Water RWD-301060F 25000bpm
 0 cc Mud
 Pressure: 100 GOR: 0 GLR: 10

INTERPRETATION RESULTS
 Model of Behavior:
 Fluid Type: was for well 13000
 Reservoir: 13000
 Transmissibility (md-ft):
 Effective Permeability (md):
 Skin Factor/Damage Ratio:
 Storativity Ratio, Omega:
 Interporosity Flow Coef., Lambda:
 Distance to an Anomaly (ft):
 Radius of Investigation (ft):
 Potentiometric Surface (ft):

ROCK/FLUID/CELLBORE PROPERTIES
 Oil Density (deg. API):
 Basic Solids (%):
 Gas Gravity:
 GOR (scf/STB):
 Water Cut (%):
 Viscosity (cp):
 Total Compressibility (1/psi):
 Porosity (%):
 Reservoir Temperature (F):
 Form. Vol. Factor (bbl/STB):

PRODUCTION RATE DURING TEST: Data Report

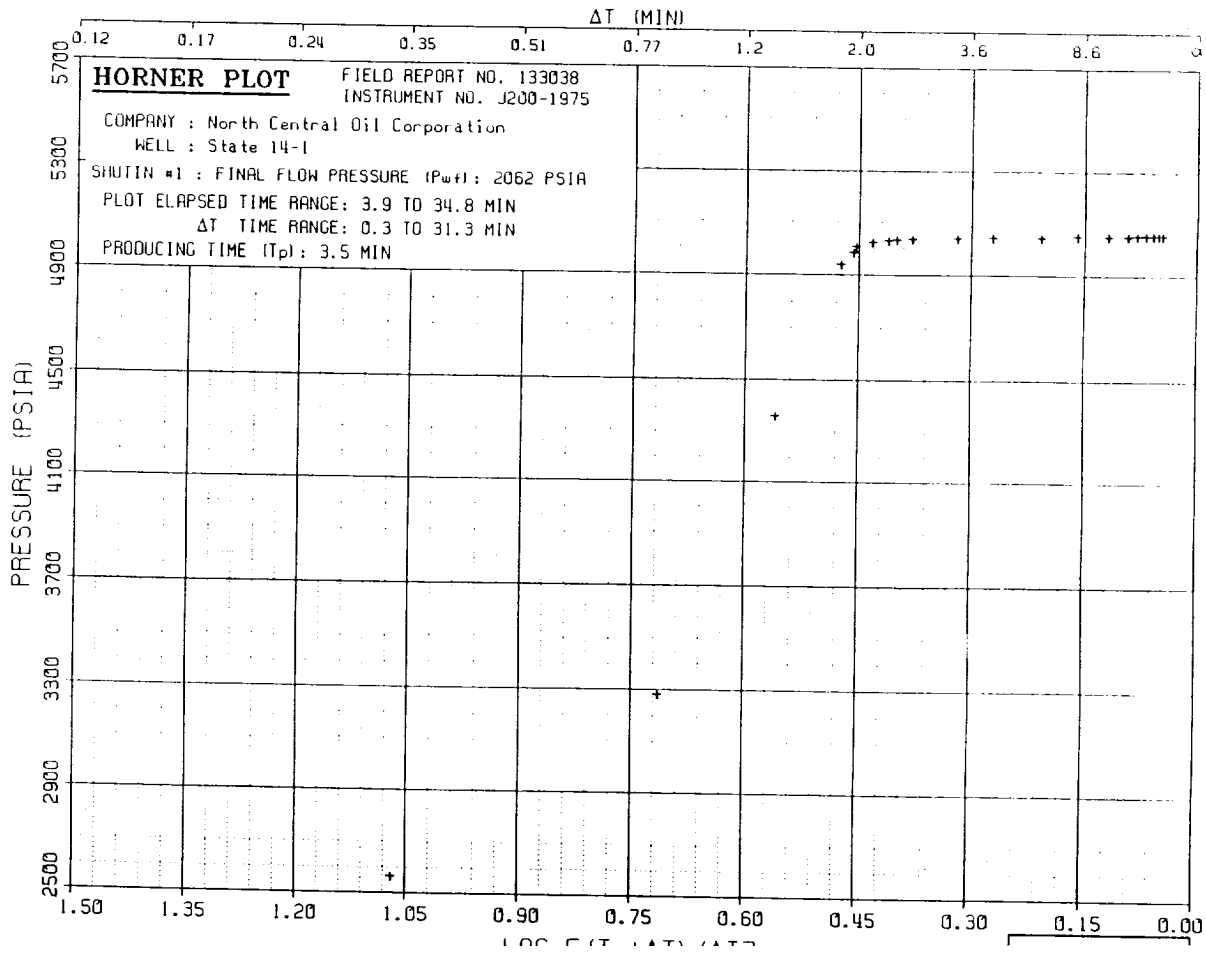
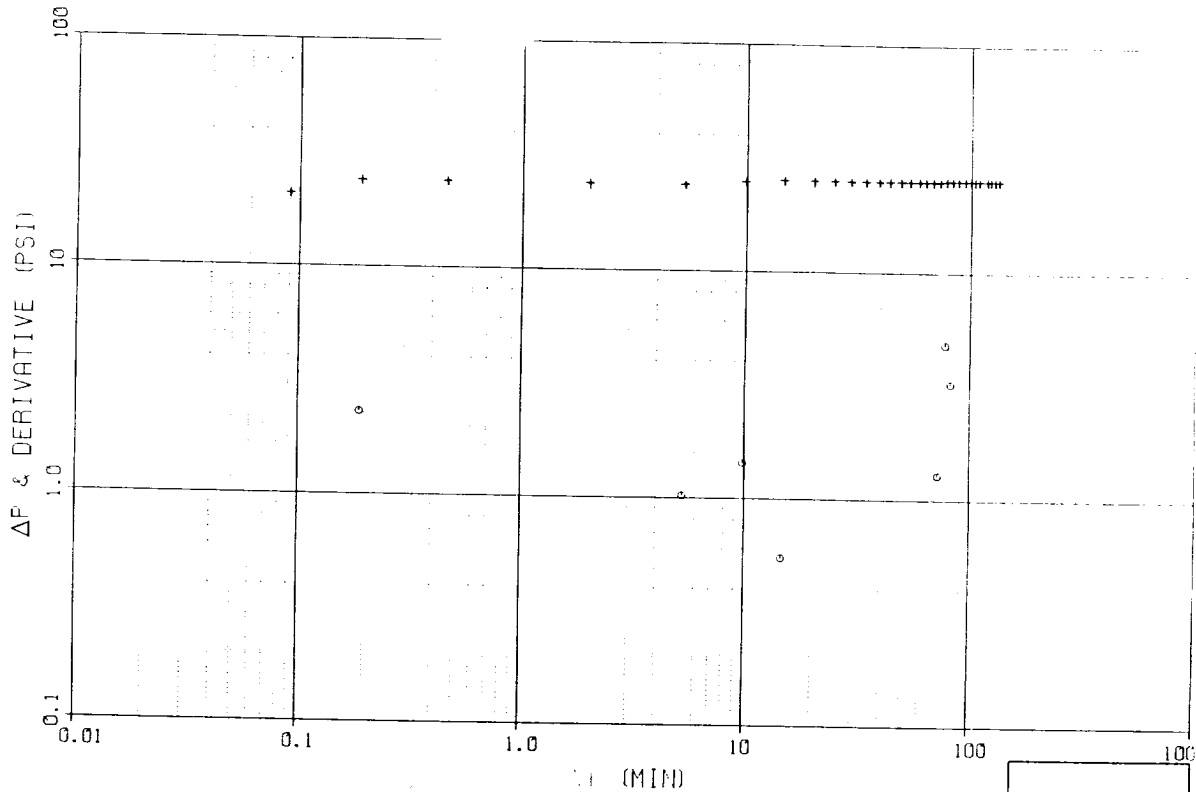
COMMENTS:
 This drill stem test was mechanically successful. The tested interval flowed 2052 feet of drilling mud and 6138 feet of formation water into the drill string. Direct any questions to Gary Brooks at 505-393-4107. Thank you for using Schlumberger.

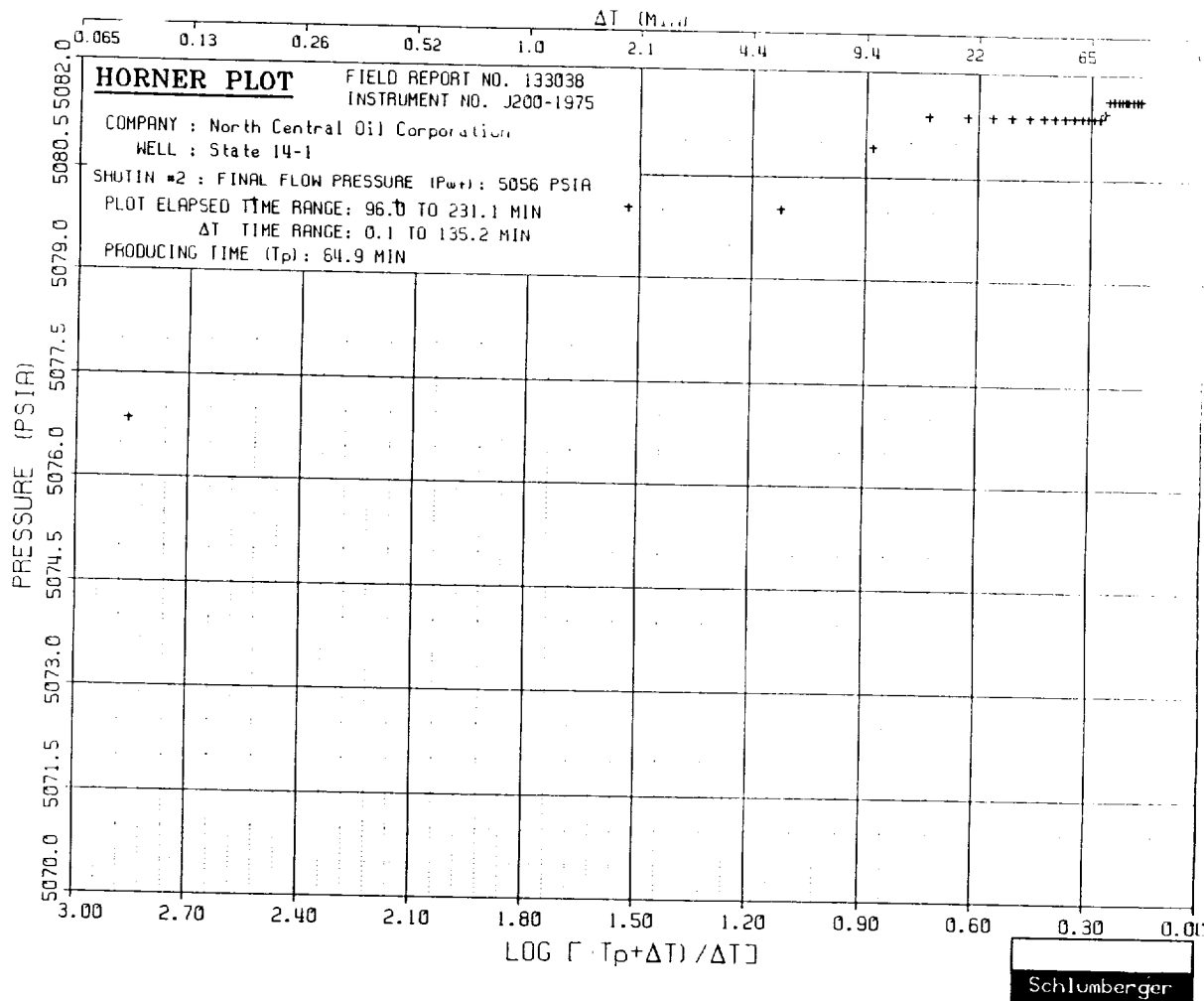
DATE	TIME	DESCRIPTION	ET (MINS)	BHP (PSIA)	MPH (PSIG)
14-JAN	02:53	Set Packer	-1	5226	
	02:54	START FLOW Good blow on 1/8" hose bottom of bucket 30 sec.	0	1685	2 oz
	02:57	END FLOW & START SHUTIN	3	2062	1
	03:27	END SHUTIN	33	5050	
	03:28	START FLOW Good blow on 1/8" hose bottom of bucket 30 sec.	34	2171	
	03:33		39		1
	03:38		44		2
	03:43		49		4
	03:48		54		6
	03:53		59		9
	04:03		64		12
	04:08		69		16
	04:13		74		19
	04:18	Blow increased to 21" max. then started decreasing	79		20
	04:23	no gas to surface.	84		21
	04:28		89		18
	04:45	END FLOW & START SHUTIN	94	5056	16
	05:49	Pulled Loose	231	5082	0
			235	6134	

LOG LOG PLOT

COMPANY : North Central Oil Corporation
WELL : State 14-1
FIELD REPORT NO. 133038
INSTRUMENT NO. J200-1975

SHUTIN #2 : PRODUCING TIME (Tp): 54.9 MIN
FINAL FLOW PRESSURE (Pwf): 5056 PSIA
PLOT ELAPSED TIME RANGE: 96.0 TO 231.1 MIN
 ΔT TIME RANGE: 0.1 TO 135.2 MIN

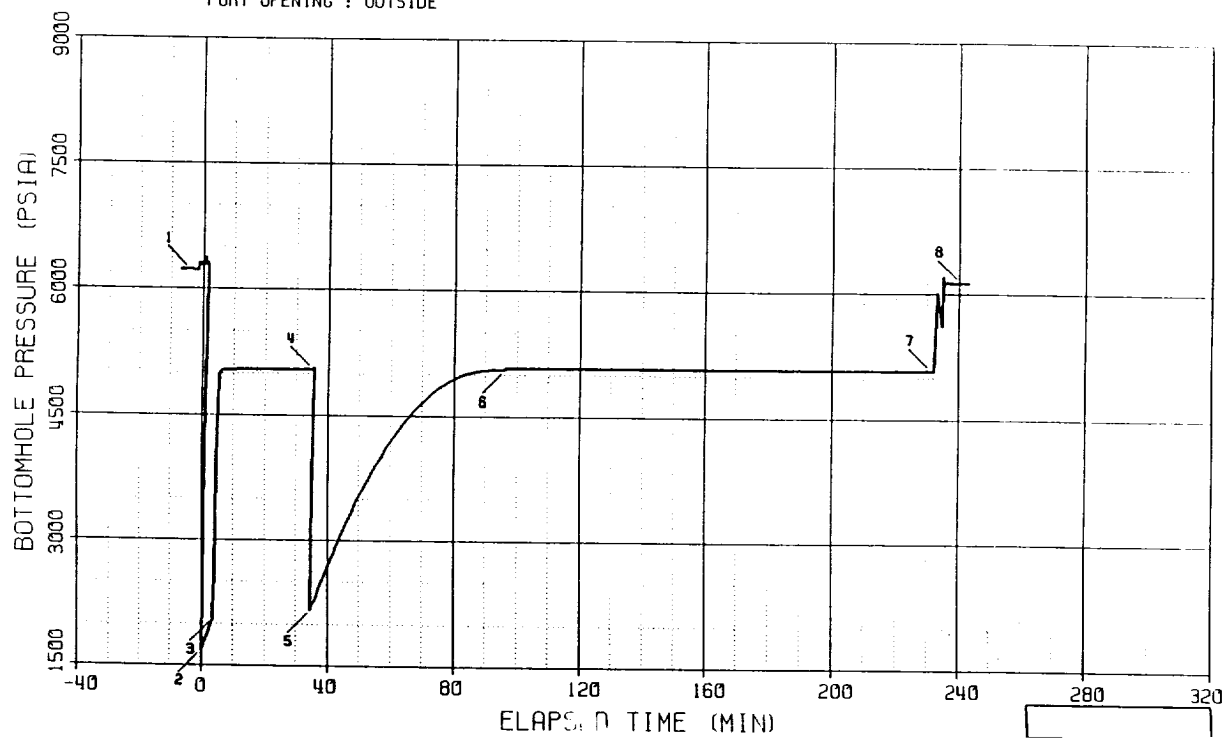




BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 133038
INSTRUMENT NO. J200-1975
DEPTH : 13129 FT
CAPACITY : 9000 PSI
PORT OPENING : OUTSIDE

COMPANY : North Central Oil Corporation
WELL : State 14-1
Mechanical Recorder Data



TIME	DATE	ELAPSED	DELTA	BOT HOLE	DELTA P	LOC
OF DAY	DD-MMM	TIME, MIN	TIME, MIN	PRESSURE	PSI	HORNER
HH:MM:SS	DD-MMM	TIME, MIN	TIME, MIN	PSIA	PSI	TIME
5:47:19	14-JAN	173.32	77.44	5081	25	0.2645
5:57:01	14-JAN	183.02	87.14	5082	26	0.2419
6:03:17	14-JAN	189.29	93.41	5082	26	0.2293
6:08:55	14-JAN	194.92	99.04	5082	26	0.2190
6:18:04	14-JAN	204.06	108.18	5082	26	0.2042
6:27:11	14-JAN	213.19	117.31	5082	26	0.1914
6:36:58	14-JAN	222.97	127.09	5082	26	0.1793
6:45:04	14-JAN	231.07	135.19	5082	26	0.1704

Schlumberger has sent copies of this report to the following:

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 Attn: Keith Alverson
 (2 copies)

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