

COMPANY: North Central Oil Corp.

WELL: State 14 #1

Well Location

TEST IDENTIFICATION
Test No.
Formation
Test Interval (ft)
Depth Reference
HOLE CONDITIONS
Total Depth (MD/TVD) (ft)
Hole Size (in)
Casing/Liner I.D. (in)
Perforated Interval/Net Pay (ft) ..
Shot Density/Diameter (in)

Field
County
State
Sec/Twp/Rng
Elevation (ft)
MUD PROPERTIES
Mud Type
Mud Weight (lb/gal)
Mud Resistivity (ohm-m)
Filtrate Resistivity (ohm-m)
Filtrate Chlorides (ppm)

Initial Test Conditions
Initial Hydrostatic (psi)
Gas Cushion Type
Surface Pressure (psi)
Liquid Cushion Type
Cushion Length (ft)

Midcat
Los Mexico
New Mexico
14/135/32E
4325
Chemical/polypa
9.3
13 @ 75F
50000
Pipe Length (ft)/I.D. (in) ...
Collar Length (ft)/I.D. (in) ...
Packer Depth (ft)
Bottomhole Choke Size (in) ...
Gauge Depth (ft)/Type
TEST STRING CONFIGURATION
Pipe Length (ft)/I.D. (in) ...
Collar Length (ft)/I.D. (in) ...
Packer Depth (ft)
Bottomhole Choke Size (in) ...
Gauge Depth (ft)/Type
NET SAMPLE CHAMBER RECOVERY

Volume
Fluid Type
Drilling Mud
Properties
Fw. 14075F 45000ppm

Volume
Fluid Type
Gas
Oil
Mud
Properties
Fw. 17070F 4000F
Pressure 135 GOR 0 CLR 86

INTERPRETATION RESULTS

Model of Behavior
Fluid Type Used for Analysis
Reservoir Pressure (psi)
Transmissibility (md-ft/cp)
Effective Permeability (md) ..
Skin Factor/Damage Ratio
Interporosity Ratio, Omega
Interporosity Flow Coeff. Lambda
Distance to an Anomaly (ft) ..
Radius of Investigation (ft) ..
Potential Metric 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 test was mechanically successful. The tested interval flowed 0.9bbls. of drilling mud into the test string. Please direct any questions concerning this test to Terry Burke at (505) 393-4107. Thank you for choosing Schlumberger.

DISTRICT: Midland
BASE: Hobbs
ENGINEER: Terry Burke

SEQUENCE OF EVENTS

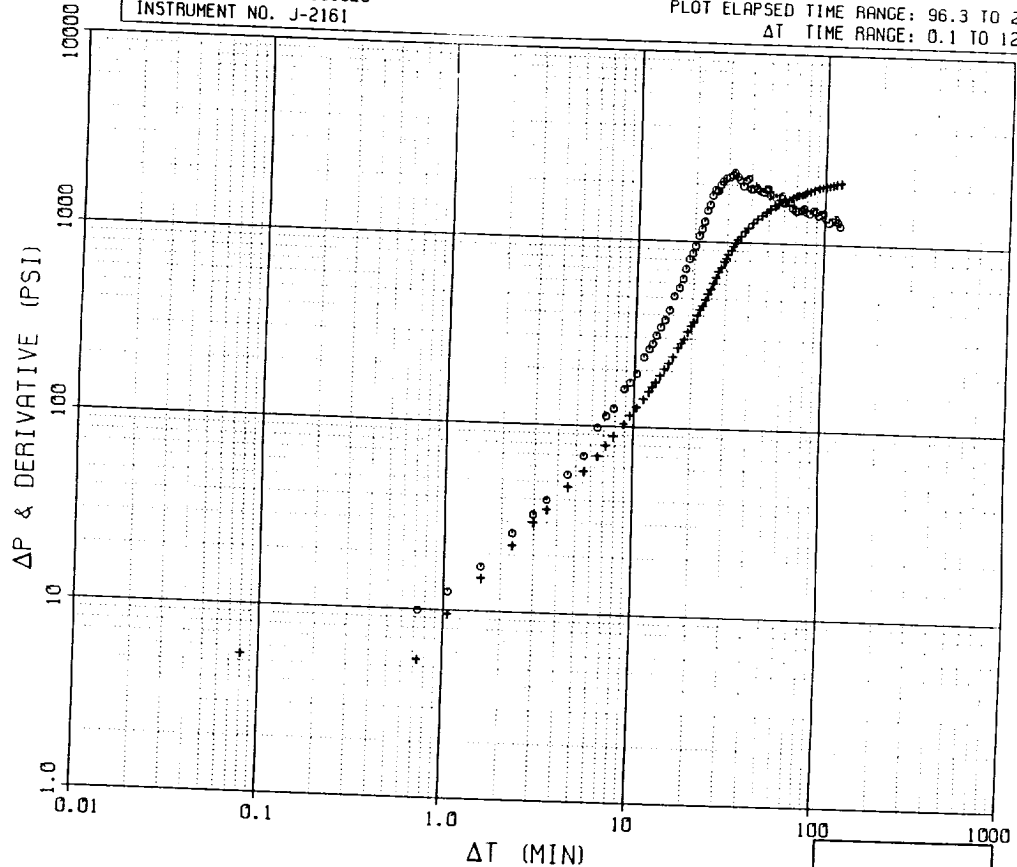
Field Location
Zone: Cileco
Well: State 14 #1
Location: 14/135/32E

DATE	TIME	DESCRIPTION	ET (MINS)	BHP (PSIA)	MHP (PSIG)
23-DEC	11:20	Set Packers	-2	4736	
	11:22	Open tool on 1/4" hose Slid 17 feet to bottom	0	1531	1/4"
	11:25	END FLOW & START SHUTIN	3	777	1/4"
	11:55	END SHUTIN	33	2971	
	12:32	Reopen tool on 1/4" hose Blow increased to 1/2"	35	71	Dead
	12:45	Blow decreased to 1/4"	70		1/2"
	12:57	END FLOW & START SHUTIN	83		1/4"
	14:57	END SHUTIN	95	136	1/8"
	15:00	Pulled Loose	215	2252	
			218	4709	

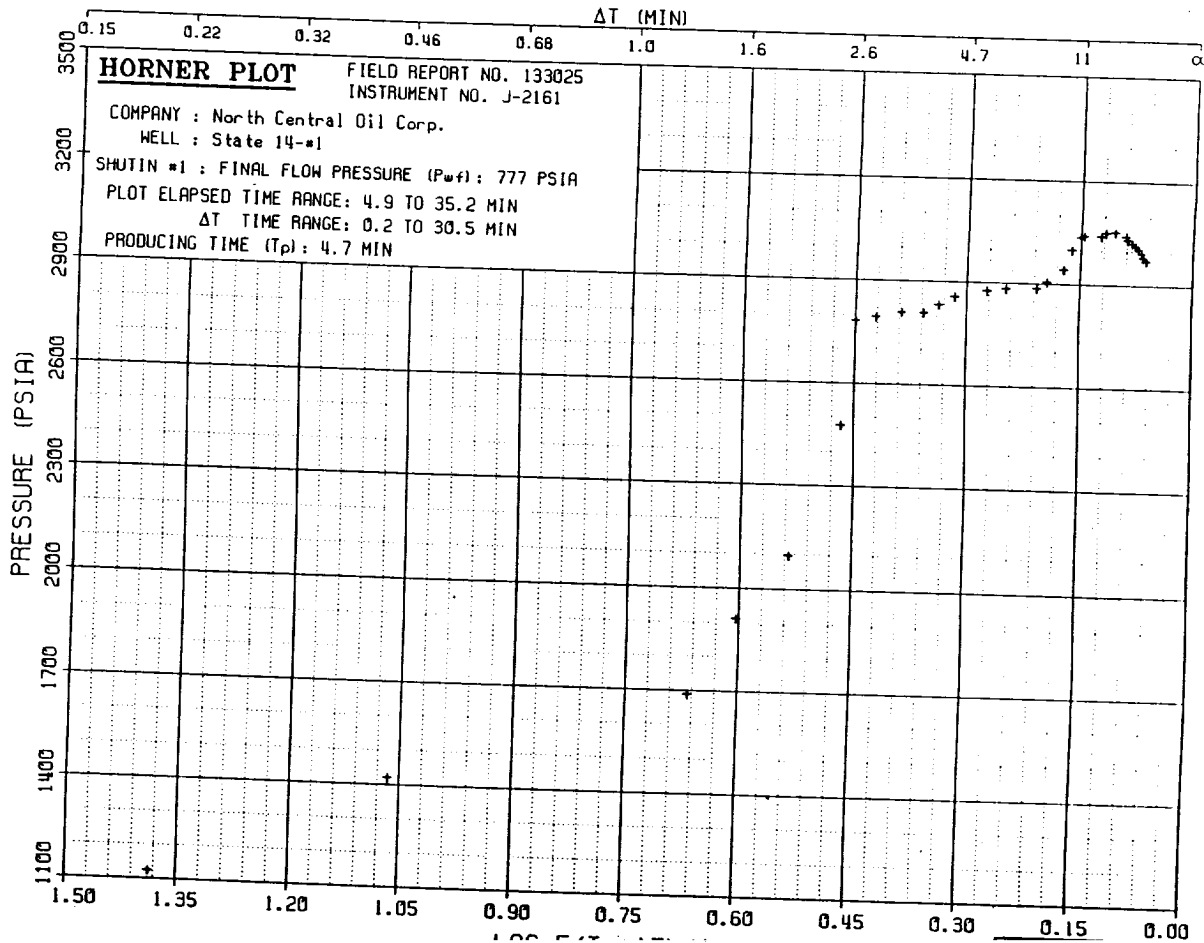
JG LOG PLOT

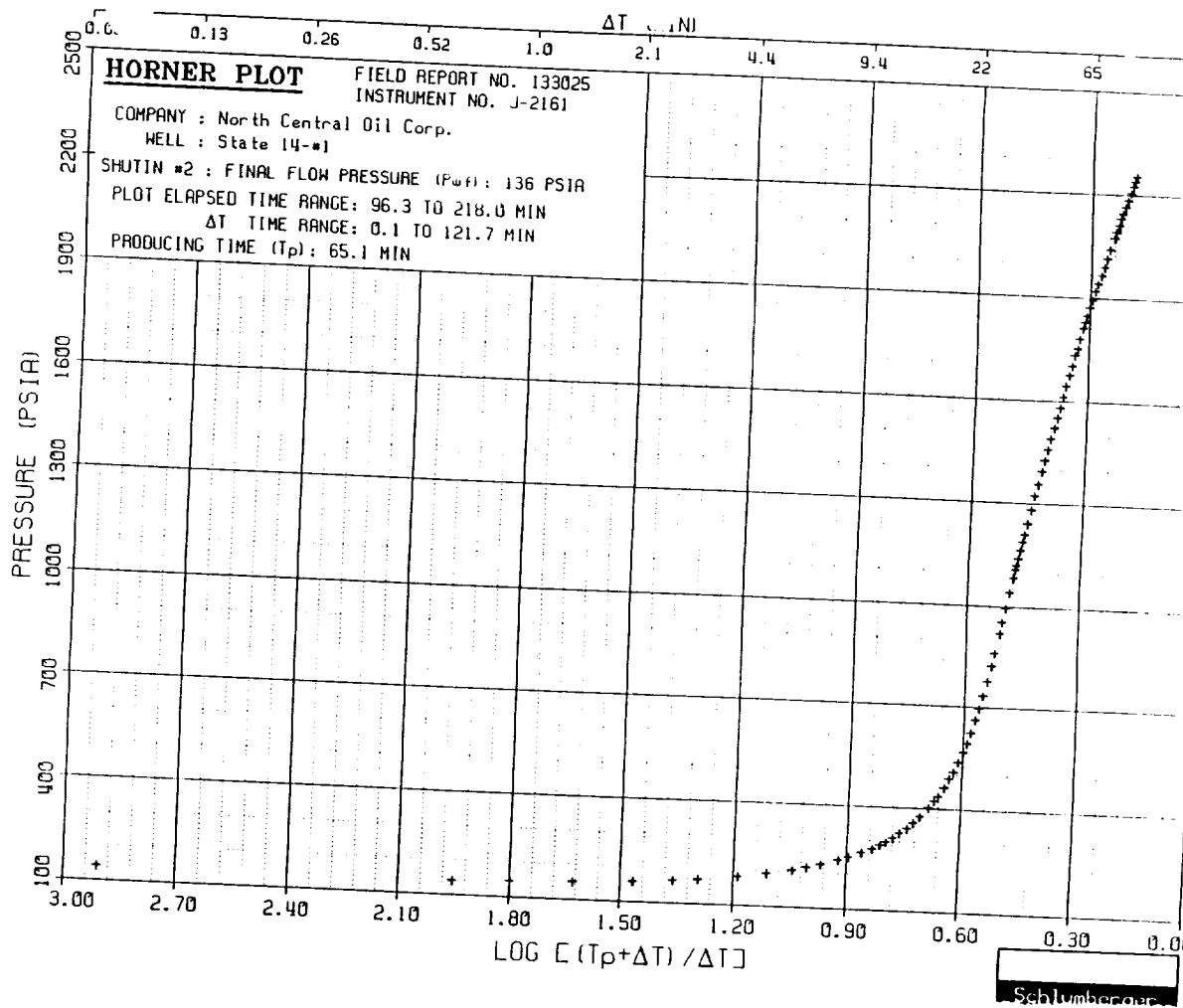
COMPANY : North Central Oil Corp.
WELL : State 14-#1
FIELD REPORT NO. 133025
INSTRUMENT NO. J-2161

SHUTIN #2 : PRODUCING TIME (T_p) : 65.1 MIN
FINAL FLOW PRESSURE (P_{wf}) : 136 PSIA
PLOT ELAPSED TIME RANGE: 96.3 TO 218.0 MIN
ΔT TIME RANGE: 0.1 TO 121.7 MIN



Schlumberger

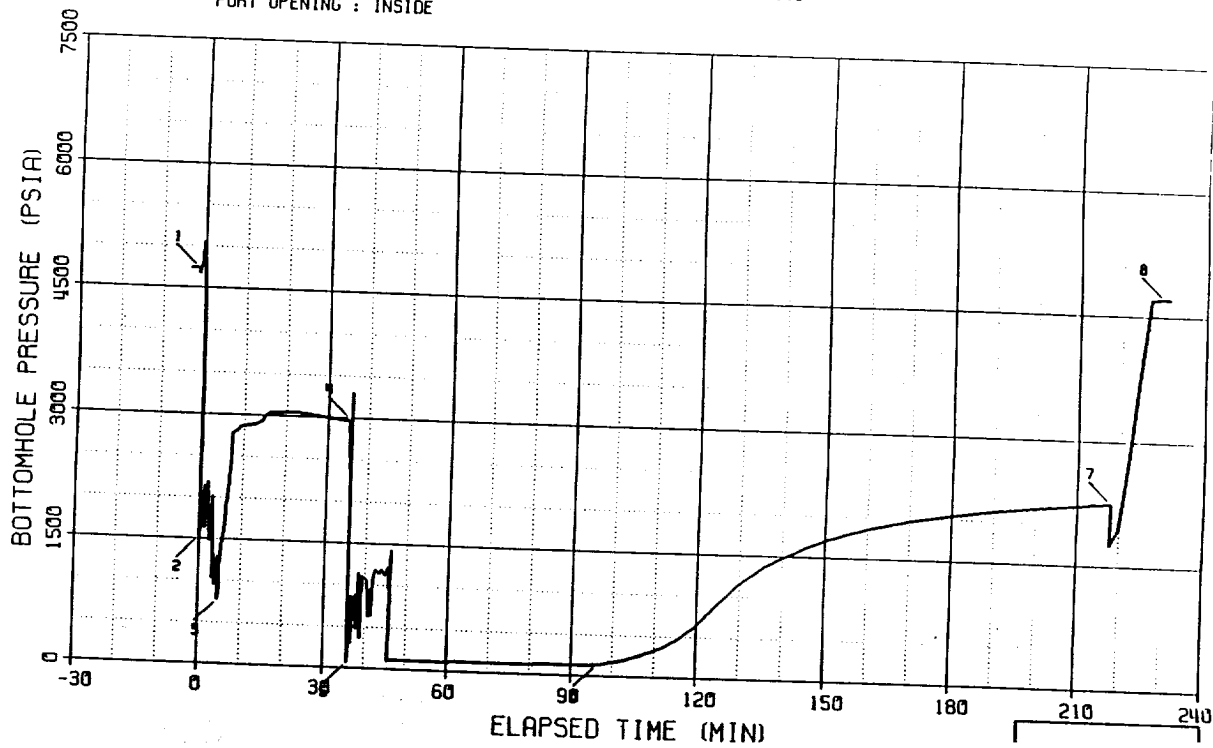




BOTTOMHOLE PRESSURE LOG

FIELD REPORT NO. 133025
INSTRUMENT NO. J-2161
DEPTH : 9733 FT
CAPACITY : 6400 PSI
PORT OPENING : INSIDE

COMPANY : North Central Oil Corp.
WELL : State 14-#1
Mechanical Recorder Data



TIME OF DAY	DATE	ELAPSED TIME, MIN	DELTA TIME, MIN	BOT HOLE PRESSURE PSIA	DELTA P PSI	LOG HORNRE TIME
12:58:16	23-DEC	96.26	0.00	136	0	
12:59:19	23-DEC	97.31	1.05	145	10	1.7994
13:00:34	23-DEC	98.56	2.30	158	35	1.4677
13:01:45	23-DEC	99.75	3.49	171	23	1.2933
13:02:46	23-DEC	100.77	4.51	182	47	1.1886
13:04:43	23-DEC	102.72	6.46	205	69	1.0444
13:06:05	23-DEC	104.08	7.82	224	88	0.9697
13:07:07	23-DEC	105.11	8.85	239	103	0.9211
13:08:37	23-DEC	106.62	10.36	263	127	0.8624
13:11:11	23-DEC	109.19	12.93	310	174	0.7807
13:13:18	23-DEC	111.30	15.04	354	218	0.7627

TEST PHASE: SHUTIN PERIOD # 2
FINAL FLOW PRESSURE - 136 PSIA
PRODUCING TIME - 65.11 MIN

TIME	DATE	ELAPSED	DELTA	BOT HOLE	LOG
OF DAY	DD-MM	TIME, MIN	TIME, MIN	PSIA	HORNER
13:15:50	23-DEC	113.84	17.58	420	284 0.6724
13:17:56	23-DEC	115.93	19.67	488	352 0.6345
13:20:02	23-DEC	118.04	21.78	566	430 0.6009
13:22:10	23-DEC	120.16	23.90	661	525 0.5710
13:24:26	23-DEC	122.43	26.17	777	641 0.5426
13:27:12	23-DEC	125.20	28.94	920	784 0.5119
13:30:35	23-DEC	127.59	31.33	1041	905 0.4883
13:33:22	23-DEC	133.36	37.10	1280	1144 0.4401
13:41:04	23-DEC	139.06	42.80	1460	1324 0.4016
13:47:16	23-DEC	145.27	49.01	1611	1475 0.3671
13:53:35	23-DEC	151.59	55.33	1730	1595 0.3378
14:04:58	23-DEC	156.63	60.37	1810	1674 0.3178
14:12:14	23-DEC	162.97	66.71	1893	1757 0.2958
14:17:28	23-DEC	170.24	73.98	1965	1830 0.2742
14:23:14	23-DEC	175.46	79.20	2013	1877 0.2606
14:30:43	23-DEC	183.24	86.98	2073	1937 0.2427
14:36:14	23-DEC	188.72	92.46	2111	1975 0.2315
14:43:36	23-DEC	194.23	97.97	2144	2008 0.2213
14:52:30	23-DEC	201.60	105.34	2183	2047 0.2090
15:00:00	23-DEC	210.50	114.24	2223	2087 0.1959
		218.00	121.74	2252	2117 0.1861

REGION: 1030
DISTRICT: Midland
BASE: Hobbs
ENGINEER: Terry Burke
DISTRIBUTION OF REPORTS
WELL: State 14 #1
LOCATION: 14/135/32E

SCHLUMBERGER has sent copies of this report to the following:

North Central Oil Corp.
6001 Savoy
Suite 600
Houston, Tx 77036
(3 copies)

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FORM 11.00-102590

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