

15-151-22200

26-265-11w

### DIAMOND TESTING

P.O. Box 157  
HOISINGTON, KANSAS 67544  
(620) 653-7550 • (800) 542-7313  
STC 21098.D52

RECEIVED

JUN 29 2004

KCC WICHITA

Company Jandie Oil Company, Inc. Lease & Well No. Young No. 1

Elevation 1813 KB Formation Lansing/Kansas City Effective Pay -- Ft. Ticket No. J1454

Date 12-30-03 Sec. 26 Twp. 26S Range 11W County Pratt State Kansas

Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 1 Interval Tested from 3,684 ft. to 3,730 ft. Total Depth 3,730 ft.

Packer Depth 3,679 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Packer Depth 3,684 ft. Size 6 3/4 in. Packer Depth -- ft. Size -- in.

Depth of Selective Zone Set          ft.

Top Recorder Depth (Inside) 3,692 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,727 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth          ft. Recorder Number          Cap.          psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Drill Collar Length -- ft. I.D. -- in.

Mud Type Chemical Viscosity 56 Weight Pipe Length -- ft. I.D. -- in.

Weight 8.8 Water Loss 11.2 cc. Drill Pipe Length 3,664 ft. I.D. 3 1/2 in.

Chlorides 2,600 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 46 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket in 2 mins. No blow back during shut-in.

2nd Open: Strong blow. Off bottom of bucket in 5 mins. Very weak blow back during shut-in.

Recovered 120 ft. of gas in pipe

Recovered 30 ft. of heavy oil cut gassy mud = .426000 bbls. (Grind out: 25%-oil; 10%-gas; 65%-mud)

Recovered 500 ft. of oil & gas cut muddy water = 7.100000 bbls. (Grind out: 8%-oil; 5%-gas; 52%-mud; 35%-water)

Recovered 560 ft. of oil specked water = 7.952000 bbls. (Grind out: less than 1%-oil; 99%-water) Chlorides: 108,000 Ppm

Recovered 1,090 ft. of TOTAL FLUID = 15.478000 bbls.

Remarks         

Time Set Packer(s) 8:52 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 11:12 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 123°

Initial Hydrostatic Pressure ..... (A) 1732 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 74 P.S.I. to (C) 326 P.S.I.

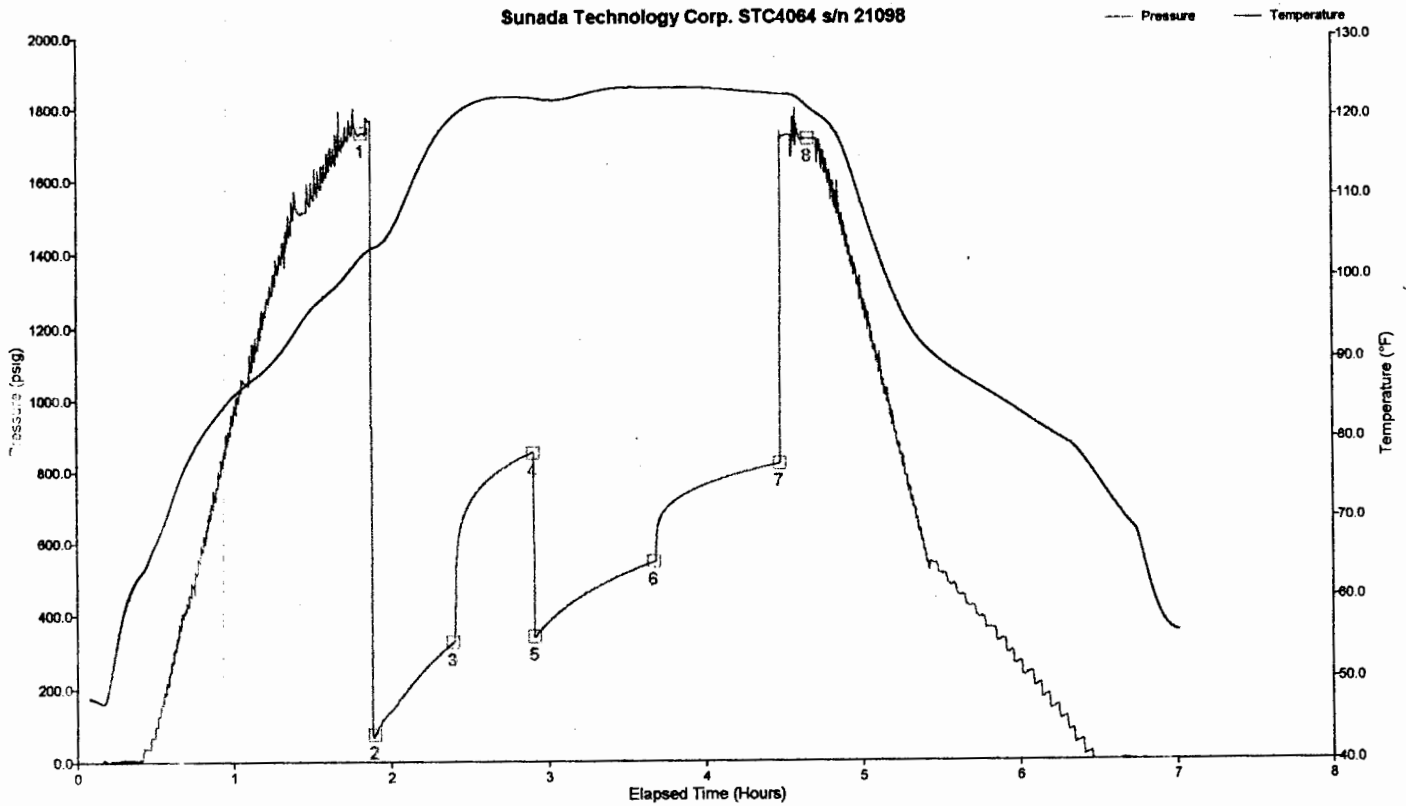
Initial Closed In Period ..... Minutes 30 (D) 851 P.S.I.

Final Flow Period ..... Minutes 45 (E) 341 P.S.I. to (F) 545 P.S.I.

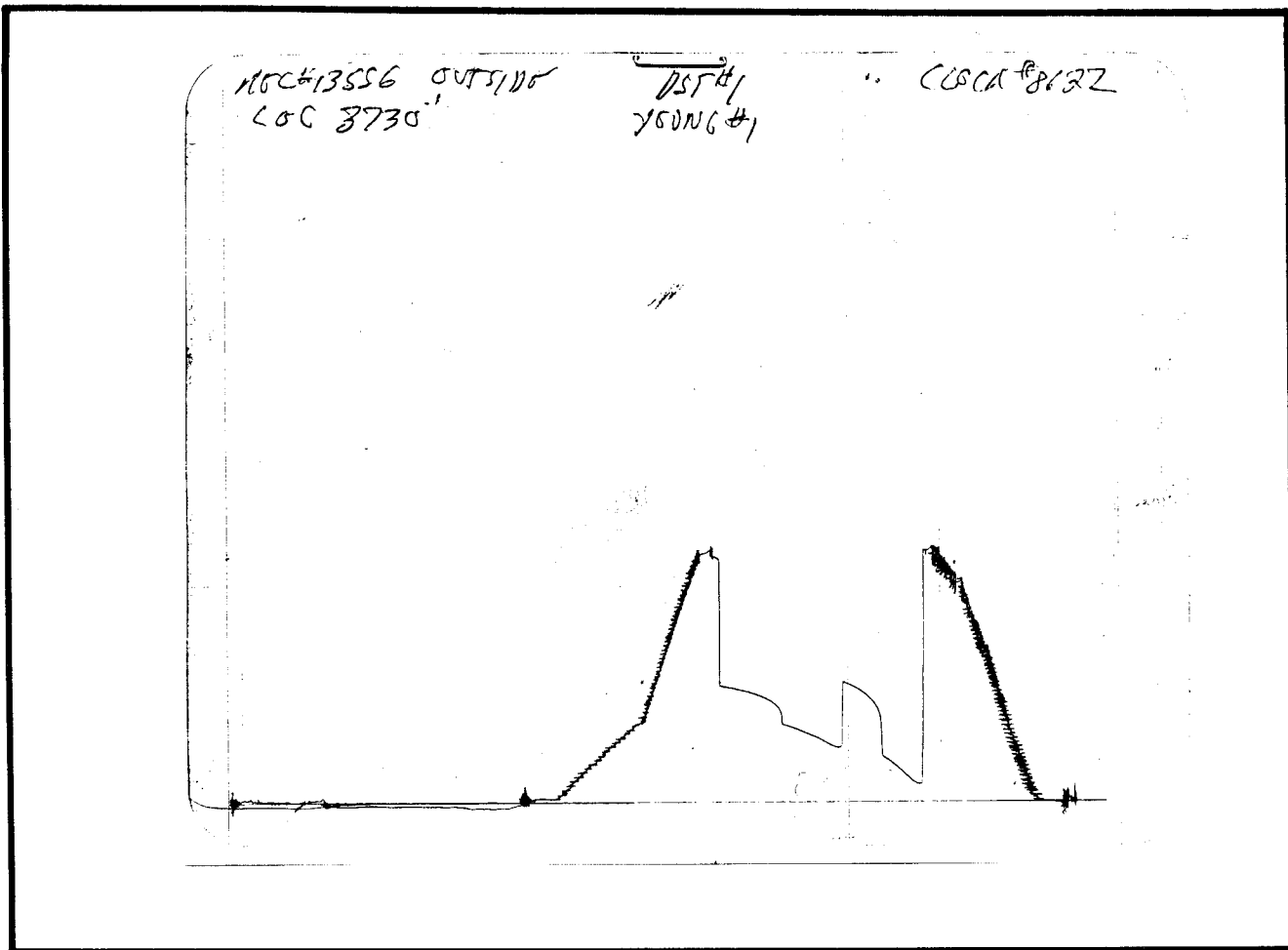
Final Closed In Period ..... Minutes 45 (G) 820 P.S.I.

Final Hydrostatic Pressure ..... (H) 1714 P.S.I.

Well LSD: DST 1 LKC 3684-3730  
 Well Name: YOUNG 1  
 Company: JANDIE OIL  
 Battery on: Dec 29, 2003 at 06:00:00  
 Notes: REC. 120'GIP 530'O+GCWM 560'OIL SPECKED WATER

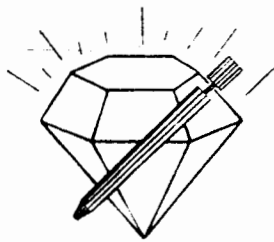


Tag	Pressure	Temperature	Comment
1	1731.85 psig	102.77 °F	2003-12-29 07:49:10
2	74.13 psig	103.81 °F	2003-12-29 07:53:50
3	326.43 psig	120.05 °F	2003-12-29 08:23:50
4	851.43 psig	122.41 °F	2003-12-29 08:54:30
5	340.72 psig	122.38 °F	2003-12-29 08:55:00
6	545.00 psig	123.70 °F	2003-12-29 09:40:20
7	820.06 psig	122.81 °F	2003-12-29 10:28:30
8	1714.98 psig	121.17 °F	2003-12-29 10:39:30



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1732	1732	PSI
(B) First Initial Flow Pressure.....	74	74	PSI
(C) First Final Flow Pressure .....	326	326	PSI
(D) Initial Closed-in Pressure .....	851	851	PSI
(E) Second Initial Flow Pressure.....	341	341	PSI
(F) Second Final Flow Pressure.....	545	545	PSI
(G) Final Closed-in Pressure.....	820	820	PSI
(H) Final Hydrostatic Mud.....	1714	1715	PSI



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STC 21098.D53

F D  
J I  
**KCC WICHITA**

Company Phillips Oil Company, Inc. Lease & Well No. Young No. 1

Elevation 1815 KB Formation Lansing/Kansas City Effective Pay      --Ft. Ticket No. J1455

Date 12-31-03 Sec. 26 Twp. 26S Range 11W County Pratt State Kansas

Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 2 Interval Tested from 3,866 ft. to 3,928 ft. Total Depth 3,928 ft.

Packer Depth 3,861 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Packer Depth 3,866 ft. Size 6 3/4 in. Packer Depth      -- ft. Size      -- in.

Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 3,872 ft. Recorder Number Elec. Cap. 5,000 psi

Bottom Recorder Depth (Outside) 3,925 ft. Recorder Number 13556 Cap. 5,475 psi

Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Drill Collar Length      -- ft. I.D.      -- in.

Mud Type Chemical Viscosity 50 Weight Pipe Length      -- ft. I.D.      -- in.

Weight 9.2 Water Loss 10.0 cc. Drill Pipe Length 3,846 ft. I.D. 3 1/2 in.

Chlorides 5,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.

Jars: Make Bowen Serial Number Not Run Anchor Length 62 ft. Size 4 1/2 - FH in.

Did Well Flow? No Reversed Out. No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.

Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Weak, 2 in., blow.

2nd Open: Weak, 3 in., blow.

Recovered 45 ft. of heavy mud with oil specks = .639000 bbls.

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Recovered      ft. of     

Remarks     

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**JUN 29 2004**

**KCC WICHITA**

Time Set Packer(s) 9:45 ~~P.M.~~ <sup>A.M.</sup> Time Started Off Bottom 12:45 ~~P.M.~~ <sup>A.M.</sup> Maximum Temperature 114°

Initial Hydrostatic Pressure ..... (A) 1898 P.S.I.

Initial Flow Period ..... Minutes 30 (B) 14 P.S.I. to (C) 24 P.S.I.

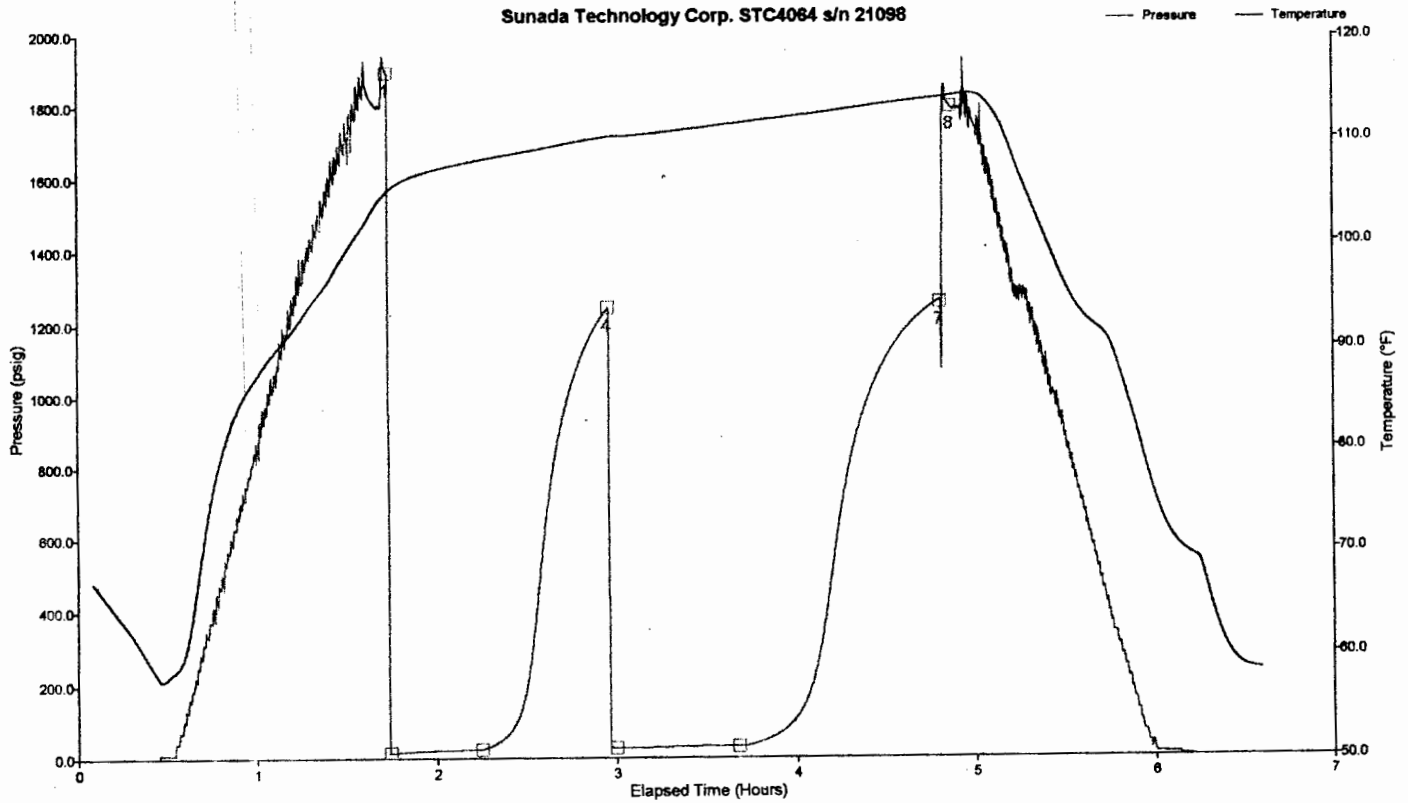
Initial Closed In Period ..... Minutes 45 (D) 1249 P.S.I.

Final Flow Period ..... Minutes 45 (E) 26 P.S.I. to (F) 31 P.S.I.

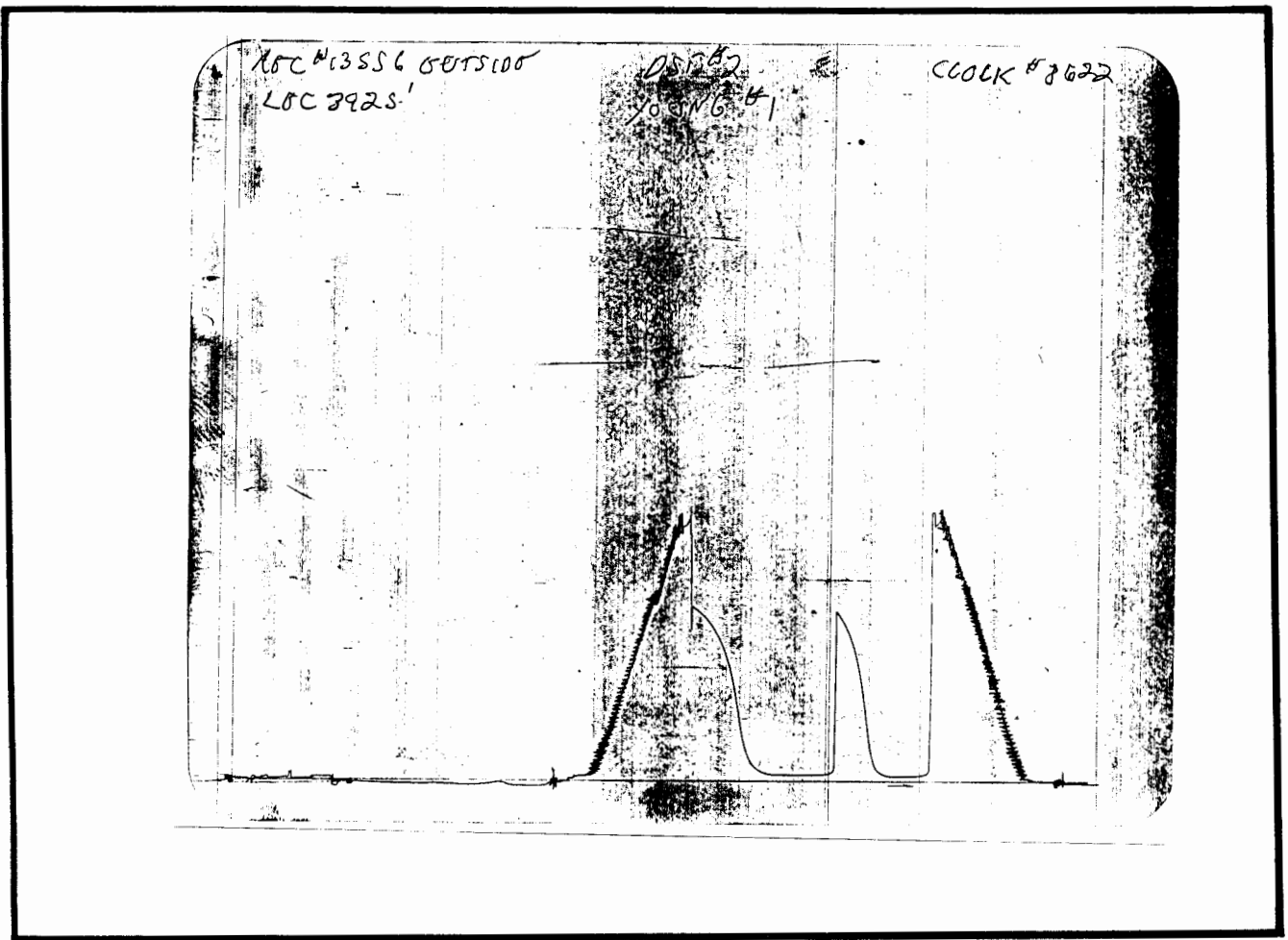
Final Closed In Period ..... Minutes 60 (G) 1264 P.S.I.

Final Hydrostatic Pressure ..... (H) 1802 P.S.I.

Well LSD: DST 2 LKC 3866-3928  
 Well Name: YOUNG 1  
 Company: JANDIE OIL  
 Battery on: Dec 31, 2003 at 08:00:00  
 Notes: REC. 45' OIL SPECKED MUD

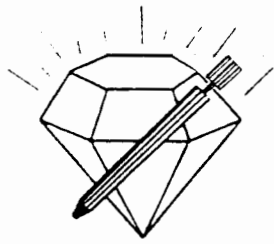


Tag	Pressure	Temperature	Comment
1	1897.74 psig	104.89 °F	2003-12-31 09:43:40
2	14.25 psig	105.12 °F	2003-12-31 09:44:30
3	23.52 psig	107.96 °F	2003-12-31 10:15:00
4	1249.39 psig	110.19 °F	2003-12-31 10:57:20
5	26.38 psig	110.24 °F	2003-12-31 11:00:00
6	31.25 psig	111.53 °F	2003-12-31 11:40:50
7	1264.58 psig	114.03 °F	2003-12-31 12:48:10
8	1802.16 psig	114.17 °F	2003-12-31 12:51:50



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1898	1898	PSI
(B) First Initial Flow Pressure.....	14	14	PSI
(C) First Final Flow Pressure .....	24	24	PSI
(D) Initial Closed-in Pressure .....	1249	1249	PSI
(E) Second Initial Flow Pressure.....	26	26	PSI
(F) Second Final Flow Pressure.....	31	31	PSI
(G) Final Closed-in Pressure .....	1264	1265	PSI
(H) Final Hydrostatic Mud.....	1802	1802	PSI



# DIAMOND TESTING

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STC 21098.D54

Company Jandie Oil Company, Inc. Lease & Well No. Young No. 1  
Elevation 1813 KB Formation Mississippi Effective Pay      Ft. Ticket No. J1456  
Date 1-1-04 Sec. 26 Twp. 26S Range 11W County Pratt State Kansas  
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 3 Interval Tested from 4,051 ft. to 4,110 ft. Total Depth 4,110 ft.  
Packer Depth 4,046 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 4,051 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,056 ft. Recorder Number Elec. Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 4,107 ft. Recorder Number 13556 Cap. 5,475 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 45 Weight Pipe Length      ft. I.D.      in.  
Weight 9.1 Water Loss 11.0 cc. Drill Pipe Length 4,031 ft. I.D. 3 1/2 in.  
Chlorides 4,500 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Bowen Serial Number Not Run Anchor Length 59 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

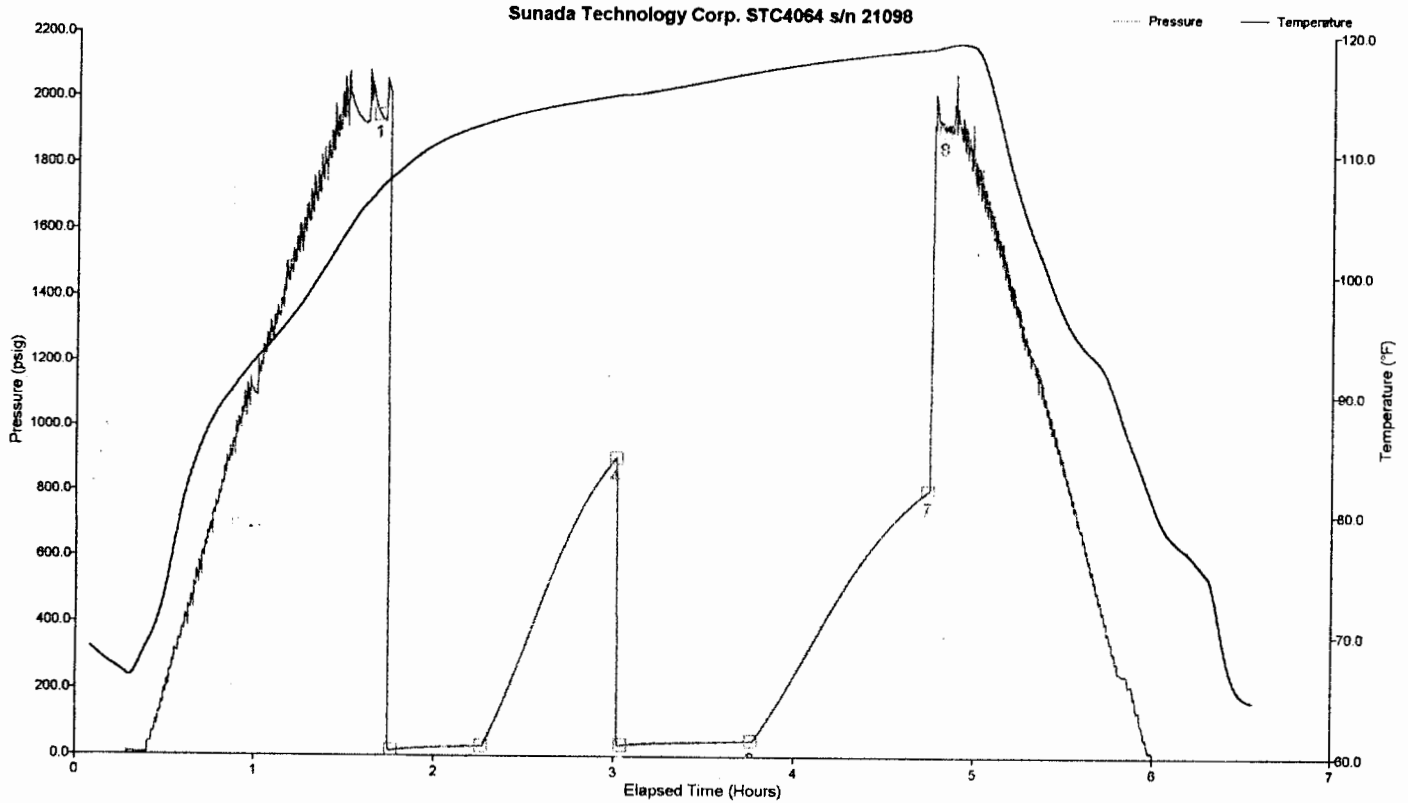
Blow: 1st Open: Strong blow. Off bottom of bucket in 1 min. No blow back during shut-in.  
2nd Open: Strong blow. Off bottom of bucket in 1 min. No blow back during shut-in.

Recovered 220 ft. of gas in pipe  
Recovered 80 ft. of drilling mud = 1.136000 bbls.  
Recovered 80 ft. of TOTAL FLUID = 1.136000 bbls.  
Recovered      ft. of       
Recovered      ft. of       
Remarks     

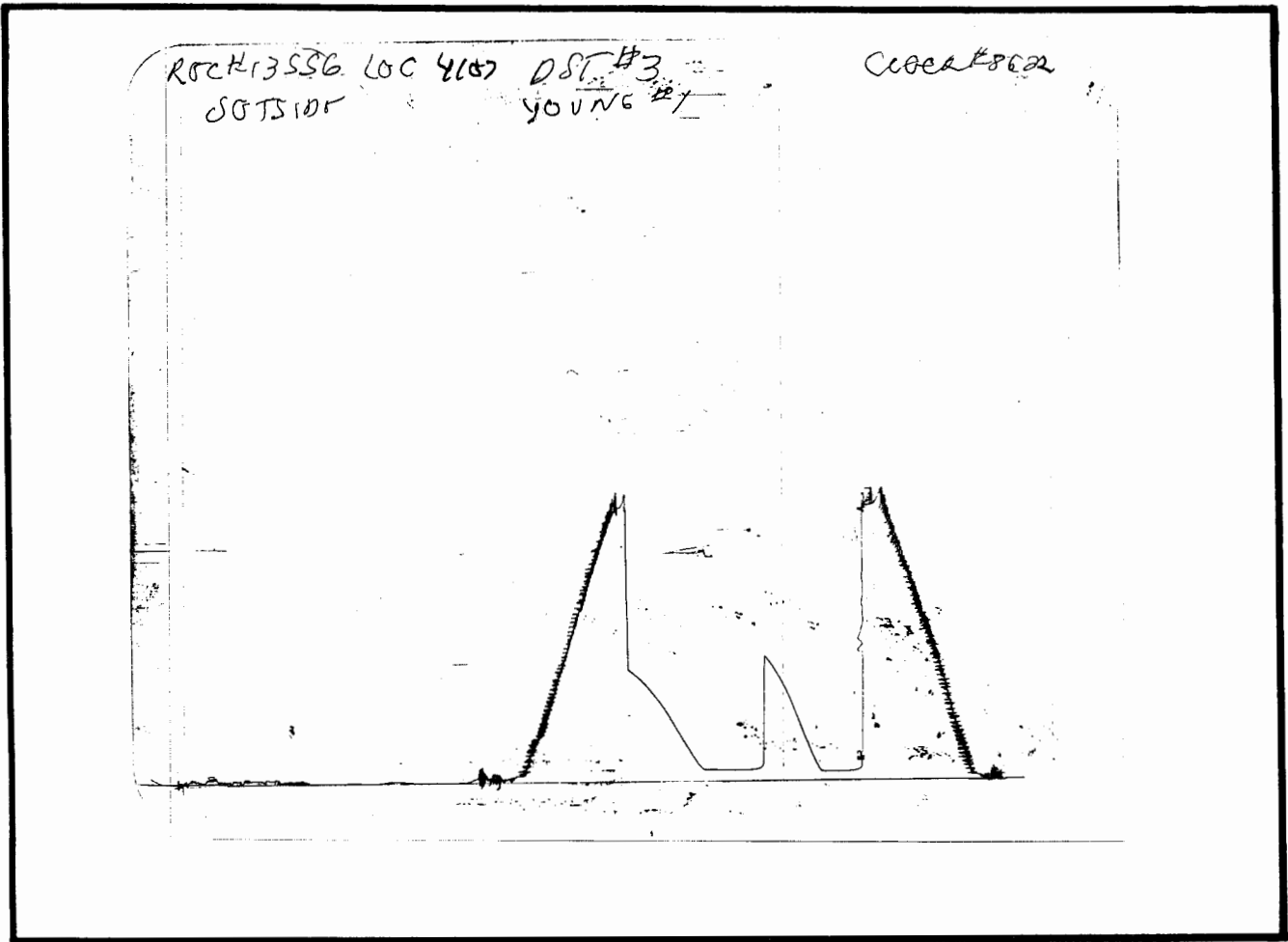
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**JUN 29 2004**  
**KCC WICHITA**

Time Set Packer(s) 10:45 ~~XXX~~ <sup>A.M.</sup> Time Started Off Bottom 1:45 ~~XXX~~ <sup>P.M.</sup> Maximum Temperature 119°  
Initial Hydrostatic Pressure ..... (A) 1948 P.S.I.  
Initial Flow Period ..... Minutes 30 (B) 15 P.S.I. to (C) 29 P.S.I.  
Initial Closed In Period ..... Minutes 45 (D) 005 P.S.I.  
Final Flow Period ..... Minute: 45 (E) 33 P.S.I. to (F) 47 P.S.I.  
Final Closed In Period ..... Minutes 60 (G) 805 P.S.I.  
Final Hydrostatic Pressure ..... (H) 1905 P.S.I.

Well LSD: DST 3 MISS 4051-4110  
 Well Name: YOUNG 1  
 Company: JANDIE OIL  
 Battery on: Jan 1, 2000 at 09:00:00  
 Notes: REC. 220' GIP 80' DRILLING MUD

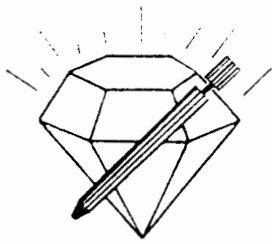


	Tag	Pressure	Temperature	Comment
1	1947.48	psig	106.93 °F	2000-01-01 10:40:50
2	14.87	psig	108.11 °F	2000-01-01 10:45:50
3	28.64	psig	112.38 °F	2000-01-01 11:15:50
4	905.11	psig	114.84 °F	2000-01-01 12:00:30
5	32.74	psig	114.88 °F	2000-01-01 12:02:20
6	47.24	psig	116.83 °F	2000-01-01 12:45:50
7	805.34	psig	118.88 °F	2000-01-01 13:44:30
8	1905.15	psig	119.14 °F	2000-01-01 13:49:30



This is an actual photograph of recorder chart.

POINT	PRESSURE		
	Field Reading	Elec. Office Reading	
(A) Initial Hydrostatic Mud .....	1948	1947	PSI
(B) First Initial Flow Pressure .....	15	15	PSI
(C) First Final Flow Pressure .....	29	29	PSI
(D) Initial Closed-in Pressure .....	905	905	PSI
(E) Second Initial Flow Pressure .....	33	33	PSI
(F) Second Final Flow Pressure .....	47	47	PSI
(G) Final Closed-in Pressure .....	805	805	PSI
(H) Final Hydrostatic Mud .....	1905	1905	PSI



# DIAMOND TESTING

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STC 21098.D55

Company Jandie Oil Company, Inc. Lease & Well No. Young No. 1  
Elevation 1813 KB Formation Viola Effective Pay      Ft. Ticket No. J1457  
Date 1-2-04 Sec. 26 Twp. 26S Range 11W County Pratt State Kansas  
Test Approved By Jim Musgrove Diamond Representative John C. Riedl

Formation Test No. 4 Interval Tested from 4,277 ft. to 4,296 ft. Total Depth 4,296 ft.  
Packer Depth 4,272 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Packer Depth 4,277 ft. Size 6 3/4 in. Packer Depth      ft. Size      in.  
Depth of Selective Zone Set      ft.

Top Recorder Depth (Inside) 4,280 ft. Recorder Number Elec. Cap. 5,000 psi  
Bottom Recorder Depth (Outside) 4,293 ft. Recorder Number 13556 Cap. 5,475 psi  
Below Straddle Recorder Depth      ft. Recorder Number      Cap.      psi

Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Drill Collar Length      ft. I.D.      in.  
Mud Type Chemical Viscosity 51 Weight Pipe Length      ft. I.D.      in.  
Weight 9.3 Water Loss 15.0 cc. Drill Pipe Length 4,257 ft. I.D. 3 1/2 in.  
Chlorides 9,000 P.P.M. Test Tool Length 20 ft. Tool Size 3 1/2 - IF in.  
Jars: Make Bowen Serial Number Not Run Anchor Length 19 ft. Size 4 1/2 - FH in.  
Did Well Flow? No Reversed Out No Surface Choke Size 1 in. Bottom Choke Size 5/8 in.  
Main Hole Size 7 7/8 in. Tool Joint Size 4 1/2 - XH in.

Blow: 1st Open: Strong blow. Off bottom of bucket immediately. Gas to surface in 5 mins.  
2nd Open: Strong blow. Gas to surface throughout. (SEE GAS VOLUME REPORT)

Recovered 40 ft. of very slightly oil cut gassy mud = .568000 bbls. (Grind out: 2%-oil; 10%-gas; 6%-water; 82%-mud)  
Recovered      ft. of Chlorides: 8,000 Ppm

Recovered      ft. of       
Recovered      ft. of       
Recovered      ft. of       
Remarks     

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**JUN 29 2004**  
**KCC WICHITA**

Time Set Packer(s) 4:00 <sup>AM.</sup> P.M. Time Started Off Bottom 8:00 <sup>AM.</sup> P.M. Maximum Temperature 124°  
Initial Hydrostatic Pressure      (A) 2069 P.S.I.  
Initial Flow Period      Minutes 30 (B) 33 P.S.I. to (C) 43 P.S.I.  
Initial Closed In Period      Minutes 60 (D) 1139 P.S.I.  
Final Flow Period      Minutes 60 (E) 34 P.S.I. to (F) 39 P.S.I.  
Final Closed In Period      Minutes 90 (G) 1139 P.S.I.  
Final Hydrostatic Pressure      (H) 2007 P.S.I.



# DIAMOND TESTING

P. O. Box 157  
 HOISINGTON, KANSAS 67544  
 (316) 653-7550

## GAS VOLUME REPORT

Company Jandie Oil Company, Inc. Lease & Well No. Young No. 1  
 Date 1-2-04 Sec. 26 Twp. 26 S Rge. 11 W Location C S/2 S/2 NW County Pratt State KS  
 Drilling Contractor Duke Drilling Co., Inc. - Rig 8 Formation Viola DST No. 4

Remarks: 1st Open: Gas to surface in 5 mins. Gas sample was taken. Gas did burn.  
2nd Open: Gas to surface throughout.

### INITIAL FLOW

Open Tool: 4:00 p.m.

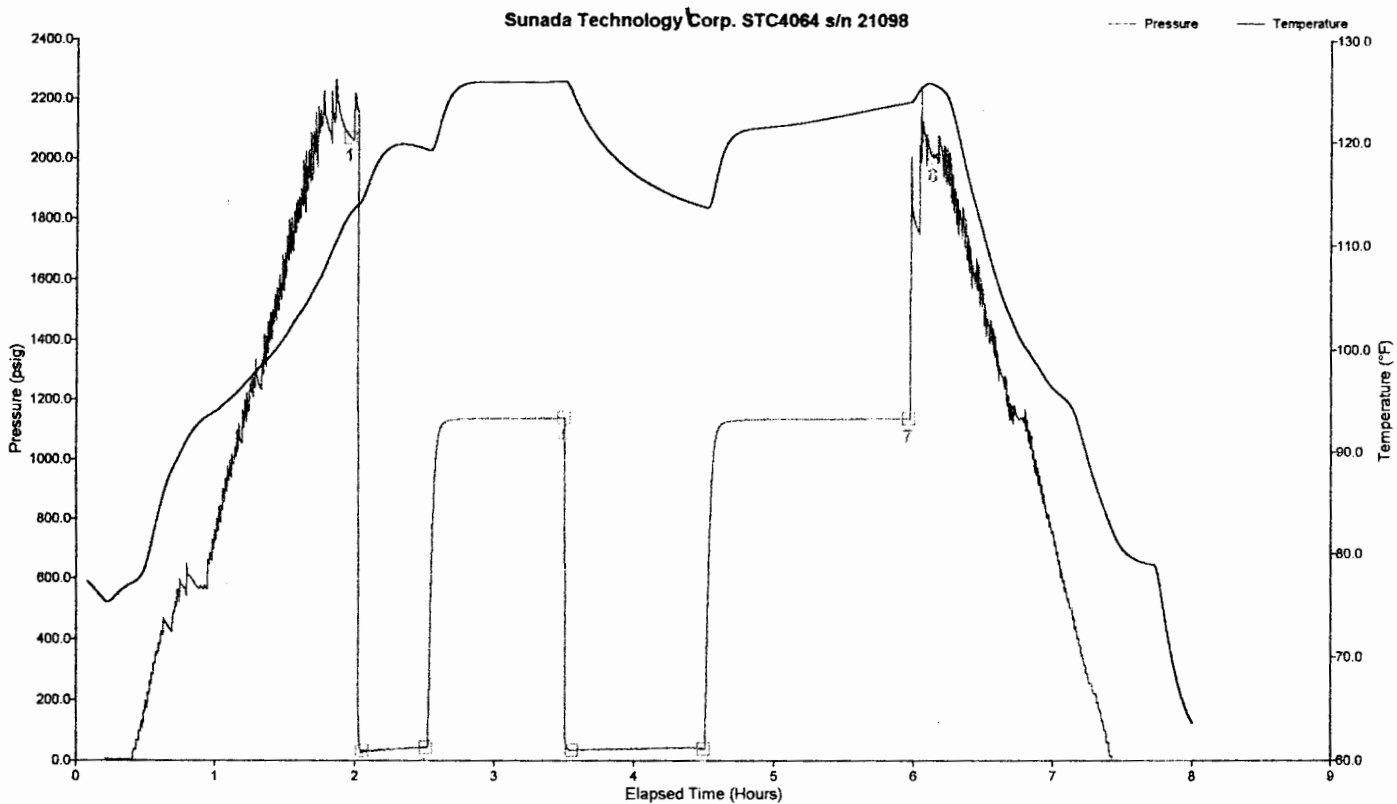
Time O'Clock	Orifice Size	Gauge	CF/D
4:10 p.m.	1/2 in.	4 psi	68,800
4:20 p.m.	1/2 in.	6 psi	86,300
4:30 p.m.	1/2 in.	6 psi	86,300

### FINAL FLOW

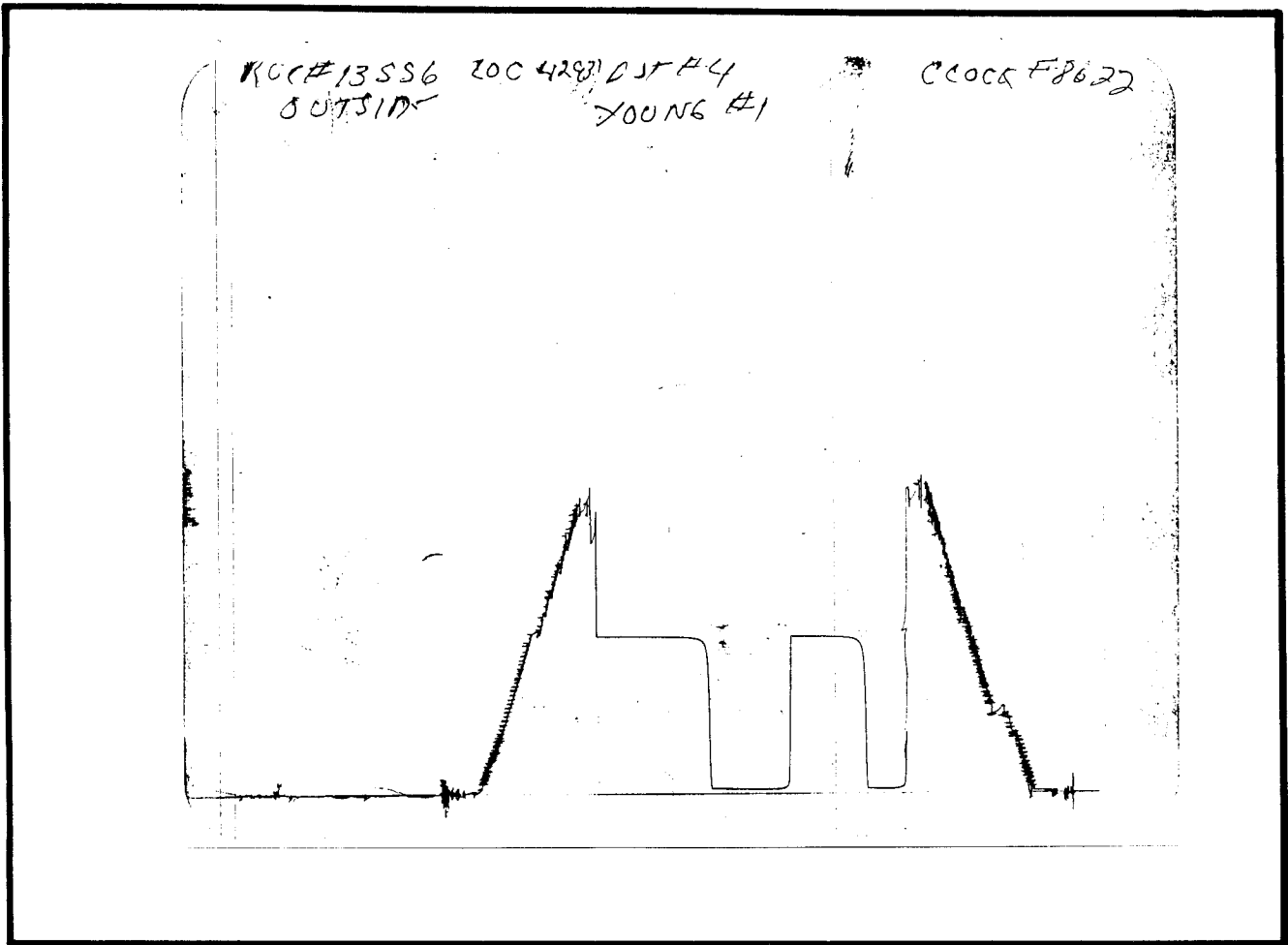
Open Tool: 5:30 p.m.

Time O'Clock	Orifice Size	Gauge	CF/D
5:40 p.m.	1/2 in.	10 psi	116,000
5:50 p.m.	1/2 in.	10 psi	116,000
6:00 p.m.	1/2 in.	11 psi	121,000
6:10 p.m.	1/2 in.	12 psi	129,000
6:20 p.m.	1/2 in.	13 psi	134,000
6:30 p.m.	1/2 in.	14 psi	141,000

Well LSD: DST 4 VIOLA 4277-4296  
 Well Name: YOUNG 1  
 Company: JANDIE OIL  
 Battery on: Jan 2, 2004 at 14:00:00  
 Notes: GTS 5 MINUTES GUAGED 141 MCF\D REC.40'SLOGGM



Tag	Pressure	Temperature	Comment
1	2069.08 psig	113.10 °F	2004-01-02 15:58:00
2	32.91 psig	114.61 °F	2004-01-02 16:03:20
3	42.77 psig	119.20 °F	2004-01-02 16:30:50
4	1138.67 psig	125.94 °F	2004-01-02 17:29:50
5	33.87 psig	124.66 °F	2004-01-02 17:33:20
6	39.46 psig	113.70 °F	2004-01-02 18:30:00
7	1138.93 psig	123.90 °F	2004-01-02 19:57:40
8	2006.51 psig	125.68 °F	2004-01-02 20:08:10



This is an actual photograph of recorder chart.

POINT	PRESSURE		Elec. Office Reading	PSI
	Field Reading			
(A) Initial Hydrostatic Mud	2069		2069	PSI
(B) First Initial Flow Pressure	33		33	PSI
(C) First Final Flow Pressure	43		43	PSI
(D) Initial Closed-in Pressure	1139		1139	PSI
(E) Second Initial Flow Pressure	34		34	PSI
(F) Second Final Flow Pressure	39		39	PSI
(G) Final Closed-in Pressure	1139		1139	PSI
(H) Final Hydrostatic Mud	2007		2007	PSI