Form 3160-4
(April 2004)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-HOBBS

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NM98217

1a Type of Well [X] Oil Well [ ] Gas Well [ ] Dry [ ] Other
b Type of Completion [X] New Well [ ] Work Over [ ] Deepen [ ] Plug Back [ ] Diff. Resvr,.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and no

2. Name of Operator
THOMPSON, J. CLEO (11181)

8 Lease Name and Well No.
JCT FEDERAL 7 NO. 1

3. Address
P.O. BOX 12577 ODESSA TX 79768

3 a Phone No. *(Include area code)*
(432)550-8887

9 API Well No.
30-025-38350

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**

At Surface 547' FEL &2100' FSL, UL: I

At top prod. interval reported below

At total depth

10. Field and Pool, or Exploratory
DEVONIAN

11. Sec., T., R., M , on Block and Survey or Area SEC.7-T9S-R38E

12. County or Parish LEA

13. State NM

14. Date Spudded	15 Date T.D. Reached	16. Date Completed	17. Elevations (DF, RKB, RT, GL)*
06/21/2007	08/20/2007	[ ] D & A [X] Ready to Prod. 09/06/2007	3972'

18 Total Depth:	19. Plug Back T.D.:	20. Depth Bridge Plug Set:
MD 11687 TVD	MD 11684 TVD	MD TVD

21. Type of Electric & Other Mechanical Logs Run (Submit copy of each)
BHC-GR, HIGH RESOLUTION LATERLOG ARRAY MCFL/GR
LITHO DENSITY CN/GR

22. Was well cored? [X] No [ ] Yes (Submit analysis)
Was DST run? [ ] No [X] Yes (Submit analysis)
Directional Survey? [ ] No [X] Yes (Submit copy)

23 Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8	48#		519'		500 SX "C"	248	SURFACE	
		H-40							
12 1/4	9 5/8	40# HCK		5118'		1700 SX POZ	702.24	SURFACE	
		/J-55							
8 3/4	5 1/2	17# P110							
		/N-80		11,687'		910 SX "C"	210	9120'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 7/8	9208	9208						

25 Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) DEVONIAN			11673' - 11681'	.42"	14	
B)						
C)						
D)						

27 Acid, Fracture, Treatment, Cement Sqeeze, Etc

Depth Interval	Amount and Type of Material
11673' - 11681'	SPOT 500 GALS OF 15% HCl NeFe ACID
8028' - 5680'	CEMENT SQUEEZE W/930 SKS LEAD, 50/50 POZ & TAIL W/100 SKS H NEAT
5680' - SURFACE	CIRCULATE CEMENT WITH 50/50 POZ LEAD 800 SKS & TAIL W/150 SKS CLASS C NEAT

28 Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method
09/06/07	9/29/07	24	→	46	0	90	44		PRODUCING
Choke Size	Tbg Press Flwg SI	Csg Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Press Flwg SI	Csg Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
OCT 19 2007
JERRY FANT
PETROLEUM GEOLOGIST

OCT 2007 Received Hobbs OCD

(See Instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg. SI	Csg Press.	24 Hr Rate →	Oil BBL	Gas MCF	Water BBL	Gas . Oil Ratio	Well Status

28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr API	Gas Gravity	Production Method

Choke Size	Tbg Press Flwg. SI	Csg Press	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status

29. Disposition of Gas *(Sold, used for fuel, vented, etc.)*

30. Summary of Porous Zones (Include Aquifers):

Show all important zones or porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31 Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
RUSTLER	2338				
YATES	2882				
SAN ANDRES	4263				
ABO	7638				
WOLFCAMP	8810				
3 BROTHERS	9246				
BOUGH C	9492				
MISSISSIPPI	11408				
DEVONIAN	11669				

32. Additional remarks (include plugging procedure):

33. Indicate which itmes have been attached by placing a check in the appropriate boxes:

- [X] Electrical/Mechanical Logs (1 full set req'd)
- [ ] Geological Report
- [X] DST Report
- [X] Directional Survey
- [ ] Sundry Notice for plugging and cement verification
- [ ] Core Analysis
- [ ] Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name *(please print)* VONDA FREEMAN Title AGENT

Signature Vonda Freeman Date 10/16/2007

Title 18 U S C Section 101 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States and false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

Scientific Drilling

30-025-38350

J CLEO THOMPSON

Field: Sawyer
Site: Lea County, NM
Well: JCT 7 Federal #1
Wellpath: VH - Job #32K0707561
Survey: 07/04/07

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....Company Representative

Notorized this date 30th of July, 2007.

Notary Signature
County of Midland
State of Texas

DEBORAH SUE BYNUM
Notary Public, State of Texas
My Commission Expires
5/9/08

Scientific Drilling

Scientific Drilling International
Survey Report

Company:	J CLEO THOMPSON	**Date:** 07/29/2007	**Time:** 17:50:13	**Page:**	1
Field:	Sawyer	**Co-ordinate(NE) Reference:**	Site: Lea County, NM, Grid North		
Site:	Lea County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	JCT 7 Federal #1	**Section (VS) Reference:**	Well (0.00N,0.00E,291.08Azi)		
Wellpath:	VH - Job #32K0707561	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

Survey:	07/04/07 KSRG 0'-5085'	**Start Date:**	07/04/2007
Company:	Scientific Drilling Internatio	**Engineer:**	Rehders/Lopez/Rea
Tool:	Keeper;Keeper Gyro	**Tied-to:**	From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	0.00	0 00	0.00	0.00	0.00	0.00	0.00	0.00
100 00	0.97	19.92	100.00	0.02	0.80	0.29	0.97	0.85	19.92
200.00	1.17	33.70	199.98	-0.19	2.44	1.14	0.32	2.70	25.10
300.00	1.38	27.40	299.95	-0.54	4.36	2.26	0.25	4.91	27.44
400.00	1.32	31.22	399.93	-0 88	6.41	3.42	0.11	7.27	28 03
500.00	1.31	31.80	499 90	-1.30	8.37	4.61	0.02	9.56	28.87
600.00	0.95	26.51	599.88	-1.59	10.08	5.59	0.37	11.53	28.99
700.00	0.37	30.58	699.87	-1.72	11.10	6.12	0.58	12.68	28.87
800.00	0.31	14.53	799.87	-1.74	11.64	6.35	0.11	13.26	28.62
900.00	0.26	40.69	899.87	-1 79	12.08	6.57	0.14	13.75	28.54
1000.00	0.16	347.11	999.87	-1 78	12.39	6.69	0.21	14.07	28.36
1100.00	0.22	354.65	1099.87	-1 62	12.71	6.64	0.06	14.34	27.57
1200.00	0 20	3.48	1199.87	-1.48	13.08	6.63	0.04	14.66	26.88
1300.00	0.06	31.33	1299.87	-1.44	13.30	6.67	0.15	14.87	26.63
1400.00	0.20	237.29	1399.87	-1.34	13.25	6.55	0.26	14.78	26.30
1500.00	0.42	259.51	1499.87	-0.93	13.09	6.04	0.25	14.41	24.78
1600.00	0.47	262.96	1599.86	-0.26	12.97	5.27	0.06	14.00	22.13
1700.00	0.55	264.73	1699.86	0.54	12.87	4.39	0.08	13.60	18.82
1800.00	0.57	255.07	1799.85	1.37	12.70	3.43	0.10	13.16	15.11
1900.00	0.74	252.60	1899.85	2.28	12.38	2.33	0.17	12.60	10.67
2000.00	0.70	250.28	1999.84	3.24	11.98	1.14	0.05	12.04	5.44
2100.00	0.71	256.81	2099.83	4.22	11.63	-0.04	0.08	11.63	359.82
2200.00	0.58	265.67	2199.83	5.19	11.45	-1.14	0.16	11.51	354.29
2300.00	0.41	260.15	2299 82	5.95	11.36	-2.00	0.18	11.53	350.00
2400.00	0.39	216.62	2399.82	6.35	11.02	-2.56	0.30	11.31	346.94
2500.00	0.50	212.11	2499.82	6.53	10.38	-2.99	0.12	10.80	343.92
2600.00	0.57	217.28	2599.81	6.75	9.61	-3.53	0.08	10.24	339.86
2700.00	0.37	229.20	2699.81	7.04	9.01	-4.07	0.22	9.88	335.67
2800.00	0.38	189.31	2799.81	7.12	8.47	-4.37	0.26	9.53	332.71
2900.00	0.38	199.14	2899.80	7.04	7.83	-4.53	0.07	9.04	329.93
3000.00	0.41	212.46	2999.80	7 10	7.21	-4.83	0.10	8 68	326.18
3100.00	0.40	188.77	3099.80	7.10	6.57	-5.08	0.17	8.30	322.28
3200.00	0.24	182.82	3199.80	6.96	6.01	-5.14	0.16	7.91	319.46
3300.00	0.39	192.60	3299.80	6.84	5.47	-5.23	0.16	7.57	316.31
3400.00	0 27	172.30	3399.80	6.68	4.90	-5.27	0.17	7.20	312.95
3500.00	0 22	170.29	3499.79	6.47	4.48	-5 20	0 05	6.87	310.73
3600 00	0.19	159.25	3599.79	6.26	4.14	-5.11	0.05	6.58	308.98
3700.00	0.18	165.21	3699.79	6.06	3.83	-5.01	0.02	6.31	307.37
3800 00	0.08	147.17	3799.79	5.91	3.62	-4 94	0.11	6.12	306.25
3900.00	0.20	105.60	3899.79	5.68	3.51	-4.73	0.15	5.89	306.61
4000.00	0 25	123.79	3999.79	5 29	3.35	-4.38	0.09	5.51	307.37
4100.00	0.25	97.40	4099.79	4.87	3.20	-3.98	0.11	5.11	308.74
4200.00	0.22	116.12	4199.79	4.46	3.08	-3.59	0.08	4.74	310.62
4300.00	0.15	79.80	4299.79	4.16	3.02	-3.29	0.13	4.47	312.54
4400.00	0.03	147.36	4399.79	4.03	3.02	-3.15	0.14	4.37	313.82
4500.00	0 29	258.12	4499.79	4.22	2.95	-3.38	0.30	4 49	311.07
4600.00	0.23	289.43	4599.79	4.63	2.96	-3.82	0.15	4.84	307.80
4700 00	0 12	274.68	4699.79	4.93	3 04	-4 11	0.12	5 12	306.45
4800.00	0.24	243.11	4799.79	5.17	2.95	-4.41	0 15	5.30	303.83

Scientific Drilling

Scientific Drilling International
Survey Report

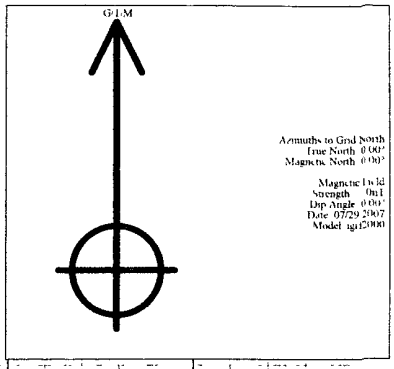
Company:	J CLEO THOMPSON	**Date:** 07/29/2007	**Time:** 17:50:13	**Page:**	2
Field:	Sawyer	**Co-ordinate(NE) Reference:**	Site: Lea County, NM, Grid North		
Site:	Lea County, NM	**Vertical (TVD) Reference:**	SITE 0.0		
Well:	JCT 7 Federal #1	**Section (VS) Reference:**	Well (0.00N,0.00E,291.08Azi)		
Wellpath:	VH - Job #32K0707561	**Survey Calculation Method:**	Minimum Curvature	**Db:**	Sybase

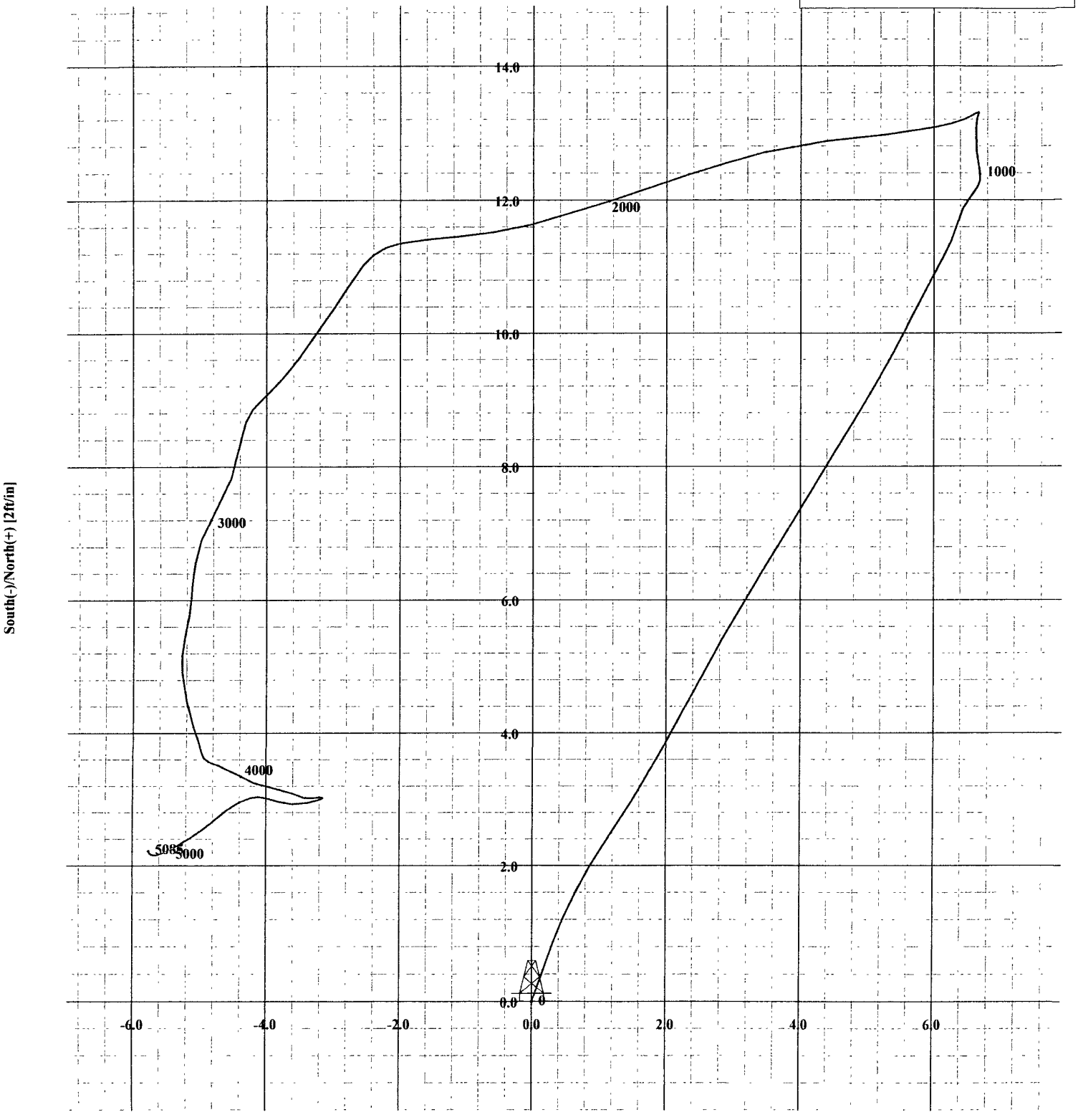
Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.32	227.38	4899.79	5.44	2.67	-4 80	0 11	5.49	299.09
5000.00	0.52	241 12	4999.78	5.85	2.26	-5.40	0.22	5.86	292.72
5085.00	0.20	350.75	5084.78	6.18	2.22	-5.76	0.73	6.18	291.08

Scientific Drilling

Field: Sawyer
Site: Lea County, NM
Well: JCT 7 Federal #1
Wellpath: VH - Job #32K0707561
Survey: 07/04/07





South(-)/North(+) [2ft/in]

West(-)/East(+) [2ft/in]

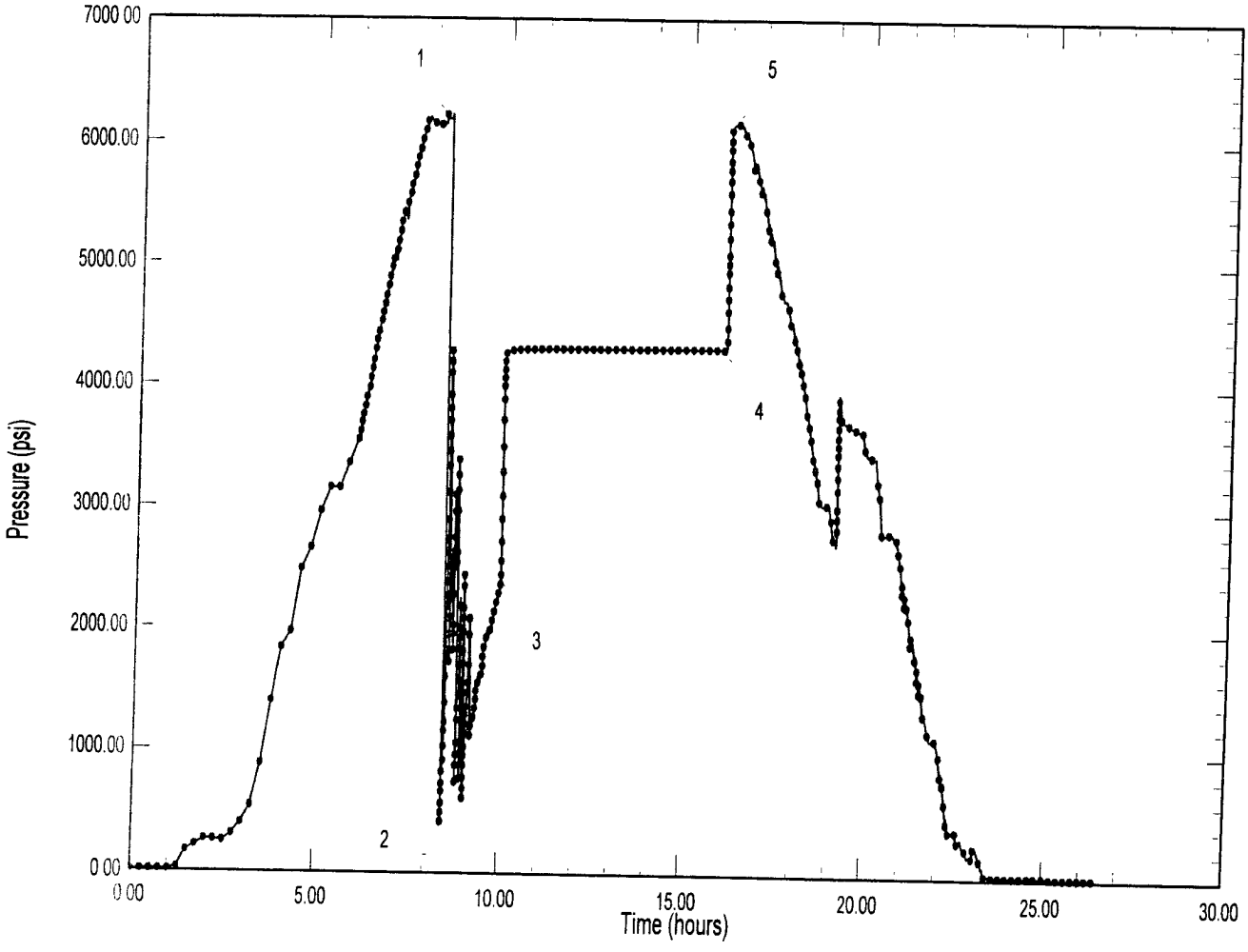
Schlumberger

TESTING SERVICES REPORT

Report Number
11804691
Test Date
14-Aug-07
Report Date
15-Aug-07

J Cleo Thompson

Openhole DST
JCT "7" Fed. - 1
Wildcat
Rig : JW #3
Lea - New Mexico



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Schlumberger

Job Summary
J Cleo Thompson
Openhole DST

JCT "7" Fed. 1
Wildcat

Service Order Number : **11804691**
Test Date : **14-Aug-07**

Company Rep	Benny Williams	**SWS Rep**	Kirk Beasley
Test Information			
Test Number	Two	Formation	Devonian
		Interval (MD ft)	11,674 - 11,687
Well Location			
Well.	JCT "7" Fed. 1	Rig	JW #3
Field..	Wildcat	State	Lea - New Mexico
Wellbore Configuration		Cushion	None
Total Depth (MD/TVD ft)	11,687/11,687	Wellbore Radius (ft)	8.75
Casing / Liner ID (in)	9.625"	Mud Weight (lb/gal)	9.9
Top of Liner (md- ft)		Mud Type	SG-Starch
		Chlorides/Resistivity: 86,000	
Test String Configuration			
Pipe Length (ft) / ID (in)	11,840 / 3.826	Gauge Depth (MD)	11687
Pipe Length (ft) / ID (in)		Gauge Depth (TVD)	11687
Drill Collar Length (ft) / ID (in)	798 / 2.5	Test Valve Type	Multi-Flow Evaluator
Packer Depths (ft MD)	/ 11674	Test Valve Depth (ft) (MD)	11651
Key Information			
Initial Hydrostatic Pressure	6184	Final Shut In Pressure	4303
Init. Hyd Grad & Density	0.529 psi/ft / 10.18 lb/gal	FinalShut In Grad & Density	0.368 psi/ft / 7.08 lb/gal
Final Hydrostatic Pressure	6131	Final Flowing Pressure	2391
Final Hyd Grad & Density	0.525 psi/ft / 10.09 lb/gal	Final Flow Rate ( )	
Bottom Hole Temp	190	Productivity Index ( )	

This is DST #2. This well performance test isolated 13' between the lower packer @ 11,674' and TD @ 11,687'. No cushion was run on this test. There was 17' of fill that covered the zone. A large amount of partial plugging occurred during the flow as indicated by the Cartesian plot. The log log/derivative plot reveals a damaged zone. The annulus remained constant, and the interval was completely isolated during the flow and the shutin. The surface valves were closed during the flow periods and the bubble hose was used as the surface choke. The maximum surface pressure was 59 ounces. There was no gas to surface. Reversing procedures recovered 38.3 barrels of oil & 30 barrels of muddy water with chlorides of 45,000 PPM. Note: I checked the pit mud and got chlorides of 40K, but the mud report shows it to be 86,000. Also the sampler contained muddy water. This confuses me. Please direct any questions concerning this test to the Hobbs Testing District @ 505/393-4107. Thank you for choosing Schlumberger.

Kirk Beasley

Schlumberger

Sample Chamber Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1 — 11804691

Wildcat — 14-Aug-07

Sample Chamber Capacity (cc) 2500

Measured Fluid Recovery

			Temp (F)	Press (psia)
Oil (cc)	200	API Gravity 42.7	80	60.0
Water (cc)	2200	Res. (ohms) ... .092 @ 74	80	60.0
Mud (cc)		Res. (ohms) ...		
Total Liquid Recovery (cc)	2400			
Gas (ft3)	0.02		80	60.0

Corrected Sample Chamber Gas Recovery

Bottomhole Temperature (F)	190	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia)	2391	Est Z Value @ Pwf and Tres	0.881
Corrected Gas Recovery (scf)	0.521		

Sample Chamber Fluid Ratios

Sample Chamber Water Cut	91.7%
GOR Using Corrected Gas Recovery	414
GLR Using Corrected Gas Recovery	35

Pipe Recovery

Description	Recovery feet	Pipe ID (in)	Recovery bbl	Oil Density API	RES ohm	CHL ppm
Oil	2690	3.826	38.25	42.7		
Muddy Water	1759	3.826	25.01		.089 @80	45k
Muddy Water	798	2.5	4.84		.089 @ 80	45k

Additional Comments

Date (dd-mmm-yy)	Time (hh:mm:ss)	Comments
14-Aug-07	8:00	Safety Meeting
		Open To Bubble Hose Only
	8:33	Set Packer With 17' Of Fill
	8:36	Tool Open With 1/4" Blow
	8:37	1/2" Blow
	8:40	1.5" Blow, Slowly Sucking Tool To Bottom
	8:45	3.5" Blow
	8.50	8" Blow In The Bubble Bucket
	8:55	Tool Is Finnaly On Bottom, TD
	9:10	Bottom Of The Bucket, 8 Ounces
	9:30	21 Ounces
	9:45	39 Ounces
	10:00	55 Ounces
	10:06	Closed Tool With 59 Ounces Of Pressure
	16:04	End Shutin
	16:15	Pulled Loose
		Pulled To Fluid

Schlumberger

Data Plots

J Cleo Thompson

Openhole DST

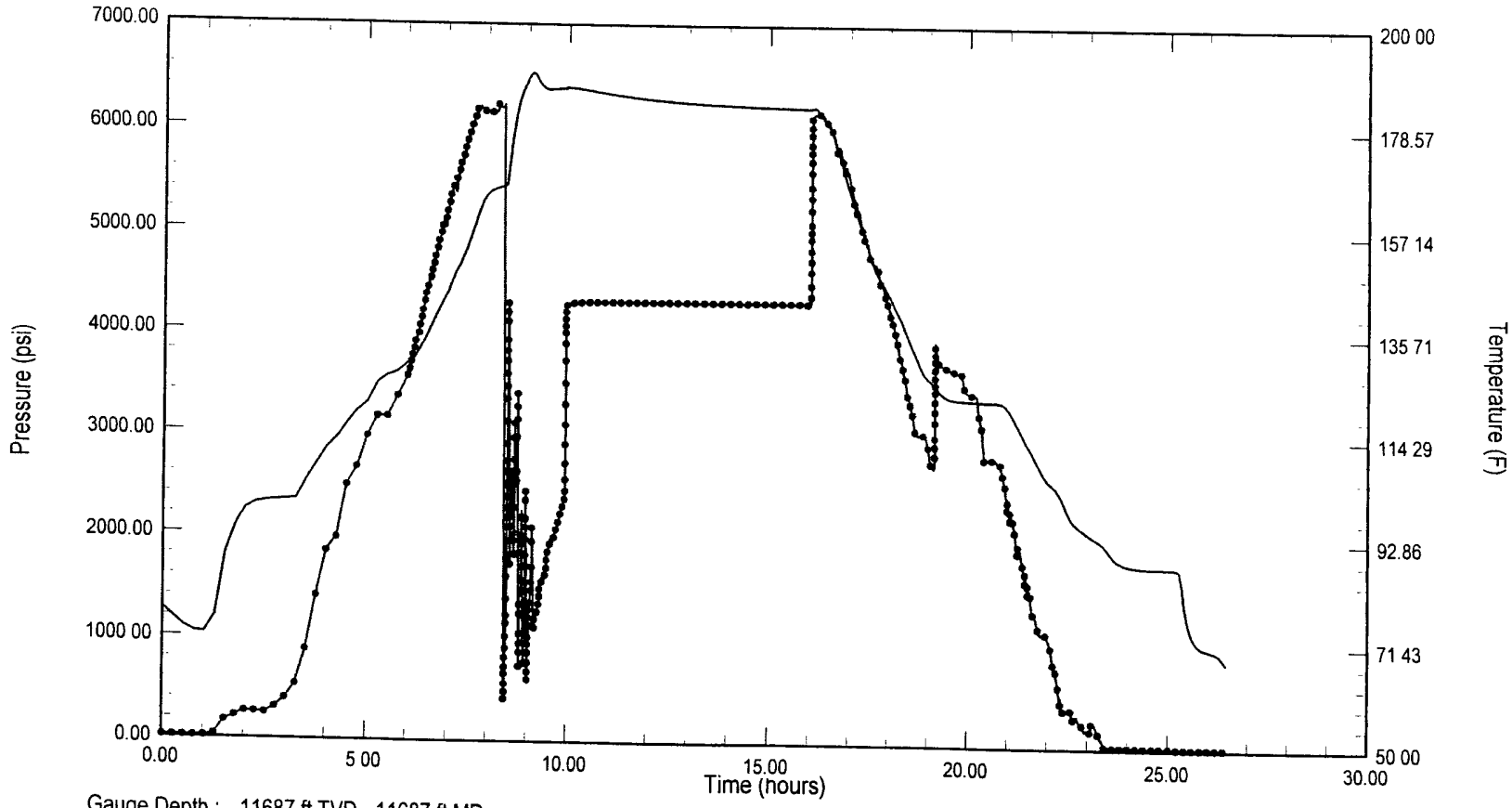
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Bottomhole Pressure and Temperature Log



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

Schlumberger

Quicklook Plots

J Cleo Thompson

Openhole DST

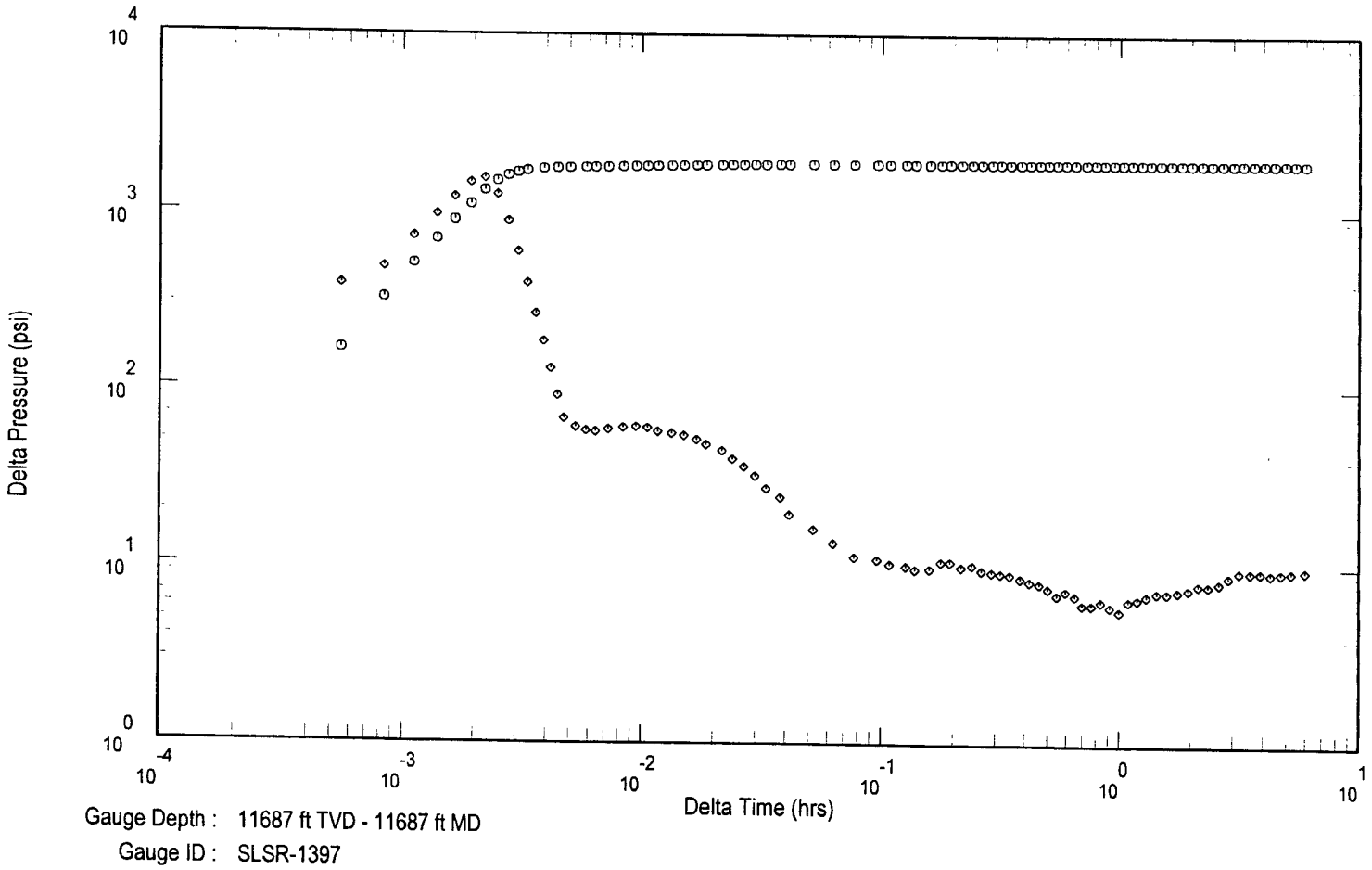
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Log-log Plot - Initial Shutin Period



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

Schlumberger

Quicklook Plots

J Cleo Thompson

Openhole DST

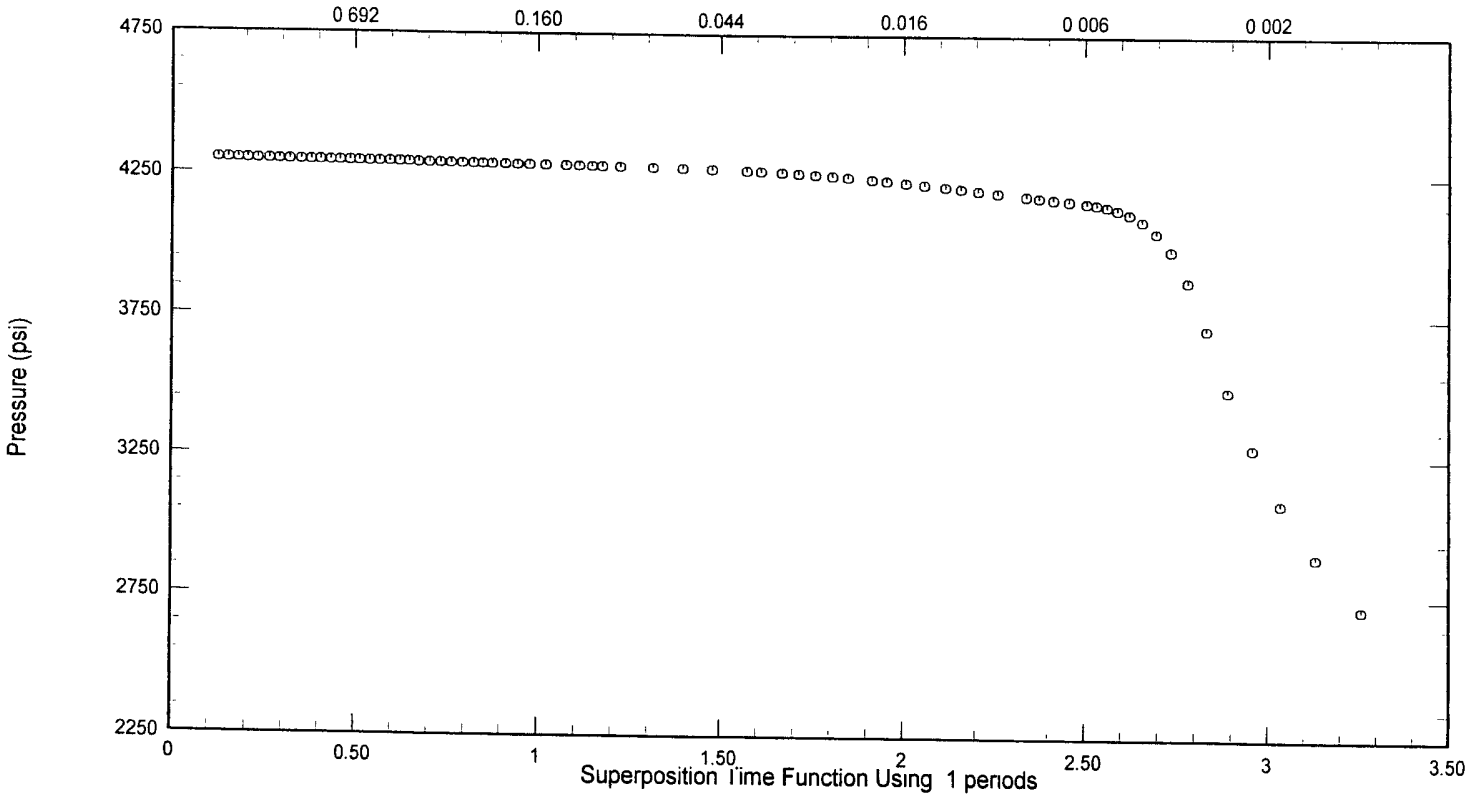
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Semi-log Plot - Initial Shutin Period



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

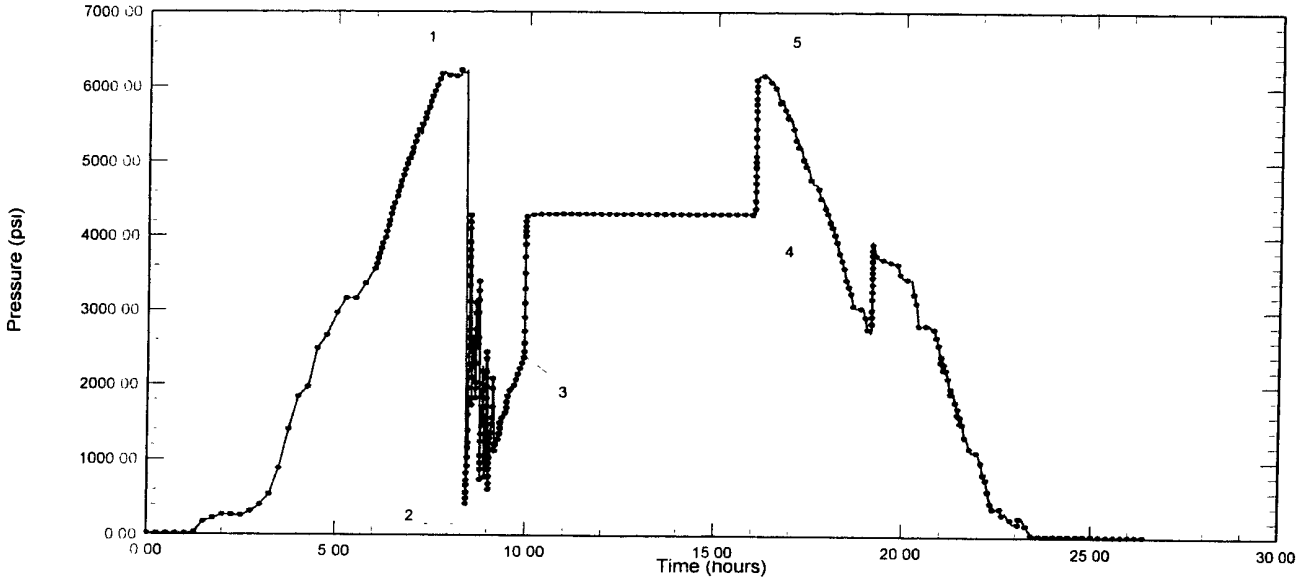
Schlumberger

Label Point Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1	11804691
Wildcat	14-Aug-07



Label Point / Comments	Date (dd-mmm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
Label Point Summary					
1) Hydrostatic Pressure	14-Aug-07	8:28:48	8.330	6184.18	0
2) Start Flow	14-Aug-07	8:35:42	8.445	151.24	1
3) End Flow & Start Shut-in	14-Aug-07	10:05:52	9.948	2391.07	0
4) End Shut-in	14-Aug-07	16:04:10	15.919	4302.92	0
5) Hydrostatic Pressure	14-Aug-07	16:12:09	16.053	6130.56	0

Schlumberger

Gauge Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1	Gauge Serial # SLSR-1397	11804691
Wildcat		August 14, 2007

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
Initial Flow					
14-Aug-07	8:35:42	8.44500	151.241	165.81	
14-Aug-07	9:05:46	8.94611	531.030	187.61	
14-Aug-07	9:35:51	9.44750	1594.937	186.48	
Initial Shut-in					
14-Aug-07	10:05:52	9.94778	2391.068	186.64	
14-Aug-07	10:05:53	9.94806	2441.984	186.64	
14-Aug-07	11:04:45	10.92917	4297.351	185.70	
14-Aug-07	12:10:12	12.02000	4300.033	184.55	
14-Aug-07	13:21:17	13.20472	4301.428	183.78	
14-Aug-07	14:39:49	14.51361	4302.361	183.27	

Distribution List

2 Jim Stevens
J Cleo Thompson
PO Box 12577
0
Odessa TX 79768-2577

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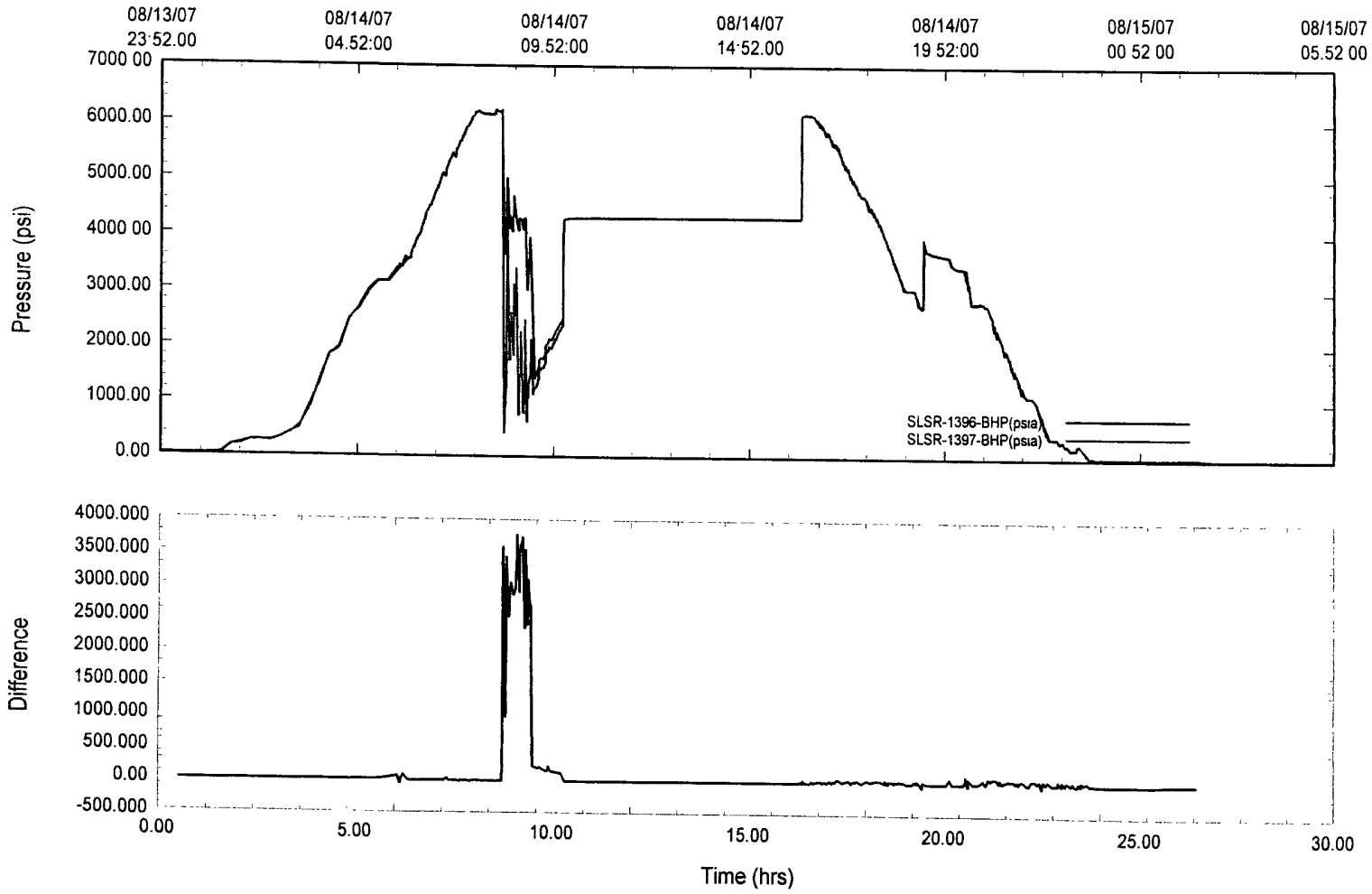
Gauge Comparison

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1
Wildcat

11804691
14-Aug-07



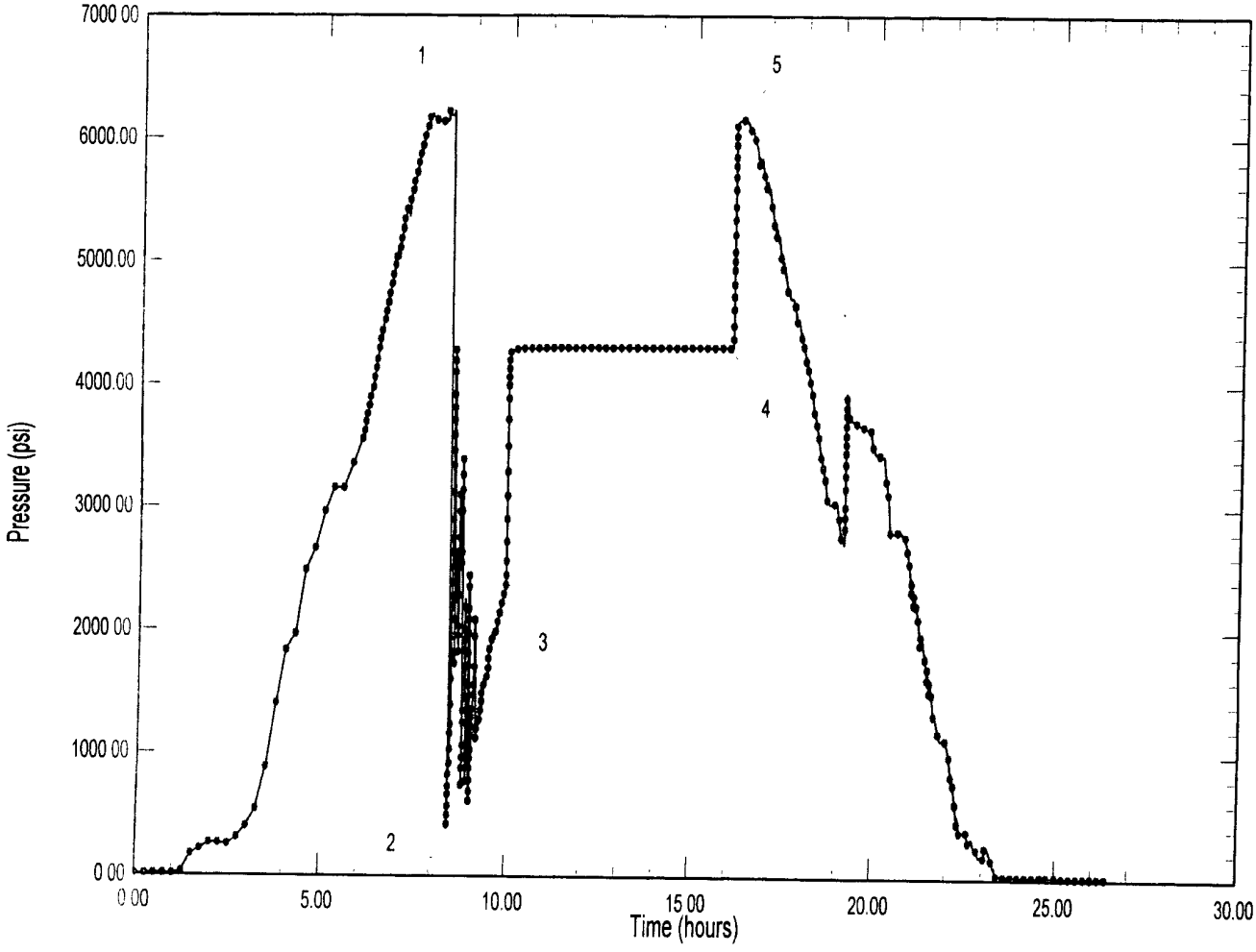
Schlumberger

TESTING SERVICES REPORT

Report Number
11804691
Test Date
14-Aug-07
Report Date
15-Aug-07

J Cleo Thompson

Openhole DST
JCT "7" Fed. - 1
Wildcat
Rig : JW #3
Lea - New Mexico



Report Contents

Job Summary, Comments Page, Sequence of Events, Label Point Information, Plots, Summary Data Printout, Distribution

Schlumberger Testing Services

Schlumberger

Job Summary
J Cleo Thompson
Openhole DST

JCT "7" Fed. 1	Service Order Number : **11804691**
Wildcat	Test Date : **14-Aug-07**

Company Rep	Benny Williams	**SWS Rep**	Kirk Beasley
Test Information			
Test Number	Two	Formation	Devonian
		Interval (MD ft)	11,674 - 11,687
Well Location			
Well	JCT "7" Fed. 1	Rig.....	JW #3
Field..	Wildcat	State	Lea - New Mexico
Wellbore Configuration		Cushion.....	None
Total Depth (MD/TVD ft)	11,687/11,687	Wellbore Radius (ft)	8.75
Casing / Liner ID (in)	9.625"	Mud Weight (lb/gal)	9.9
Top of Liner (md- ft)		Mud Type	SG-Starch
		Chlorides/Resistivity: 86,000	
Test String Configuration			
Pipe Length (ft) / ID (in)	11,840 / 3.826	Gauge Depth (MD)	11687
Pipe Length (ft) / ID (in)		Gauge Depth (TVD)	11687
Drill Collar Length (ft) / ID (in)	798 / 2.5	Test Valve Type	Multi-Flow Evaluator
Packer Depths (ft MD)	/ 11674	Test Valve Depth (ft) (MD)	11651
Key Information			
Initial Hydrostatic Pressure	6184	Final Shut In Pressure	4303
Init. Hyd Grad & Density	0.529 psi/ft / 10.18 lb/gal	FinalShut In Grad & Density	0.368 psi/ft / 7.08 lb/gal
Final Hydrostatic Pressure	6131	Final Flowing Pressure	2391
Final Hyd Grad & Density	0.525 psi/ft / 10.09 lb/gal	Final Flow Rate ( )	
Bottom Hole Temp.....	190	Productivity Index ( )	

This is DST #2. This well performance test isolated 13' between the lower packer @ 11,674' and TD @ 11,687'. No cushion was run on this test. There was 17' of fill that covered the zone. A large amount of partial plugging occurred during the flow as indicated by the Cartesian plot. The log log/derivative plot reveals a damaged zone. The annulus remained constant, and the interval was completely isolated during the flow and the shutin. The surface valves were closed during the flow periods and the bubble hose was used as the surface choke. The maximum surface pressure was 59 ounces. There was no gas to surface. Reversing procedures recovered 38.3 barrels of oil & 30 barrels of muddy water with chlorides of 45,000 PPM. Note: I checked the pit mud and got chlorides of 40K, but the mud report shows it to be 86,000. Also the sampler contained muddy water. This confuses me. Please direct any questions concerning this test to the Hobbs Testing District @ 505/393-4107. Thank you for choosing Schlumberger.

Kirk Beasley

Schlumberger

Sample Chamber Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1	11804691
Wildcat	14-Aug-07

Sample Chamber Capacity (cc) 2500

Measured Fluid Recovery

			Temp (F)	Press (psia)
Oil (cc)	200	API Gravity 42.7	80	60.0
Water (cc)	2200	Res. (ohms) ... .092 @ 74	80	60.0
Mud (cc)		Res. (ohms) ...		
Total Liquid Recovery (cc)	2400			
Gas (ft3)	0.02		80	60.0

Corrected Sample Chamber Gas Recovery

Bottomhole Temperature (F)	190	Assumed SC Gas Gravity	0.650
Final Flowing Pressure (psia)	2391	Est Z Value @ Pwf and Tres	0.881
Corrected Gas Recovery (scf)	0.521		

Sample Chamber Fluid Ratios

Sample Chamber Water Cut	91.7%
GOR Using Corrected Gas Recovery	414
GLR Using Corrected Gas Recovery	35

Pipe Recovery

Description	Recovery feet	Pipe ID (in)	Recovery bbl	Oil Density API	RES ohm	CHL ppm
Oil	2690	3.826	38.25	42.7		
Muddy Water	1759	3.826	25.01		.089 @80	45k
Muddy Water	798	2.5	4.84		.089 @ 80	45k

Additional Comments

Date (dd-mmm-yy)	Time (hh:mm:ss)	Comments
14-Aug-07	8:00	Safety Meeting
		Open To Bubble Hose Only
	8:33	Set Packer With 17' Of Fill
	8:36	Tool Open With 1/4" Blow
	8:37	1/2" Blow
	8:40	1.5" Blow, Slowly Sucking Tool To Bottom
	8:45	3.5" Blow
	8:50	8" Blow In The Bubble Bucket
	8:55	Tool Is Finnaly On Bottom, TD
	9:10	Bottom Of The Bucket, 8 Ounces
	9:30	21 Ounces
	9:45	39 Ounces
	10:00	55 Ounces
	10:06	Closed Tool With 59 Ounces Of Pressure
	16:04	End Shutin
	16:15	Pulled Loose
		Pulled To Fluid

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Data Plots

J Cleo Thompson

Openhole DST

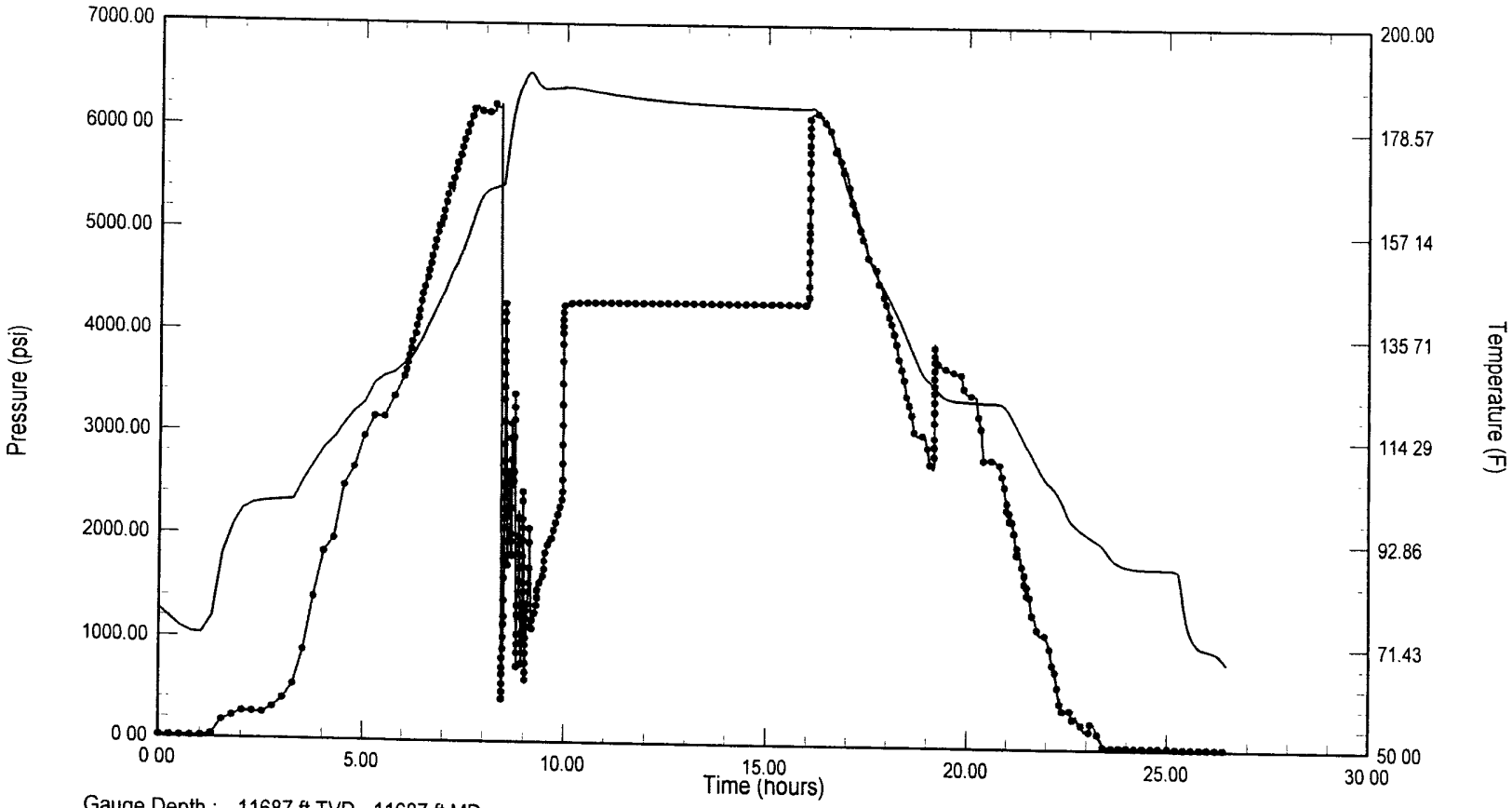
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Bottomhole Pressure and Temperature Log



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

Schlumberger

Quicklook Plots

J Cleo Thompson

Openhole DST

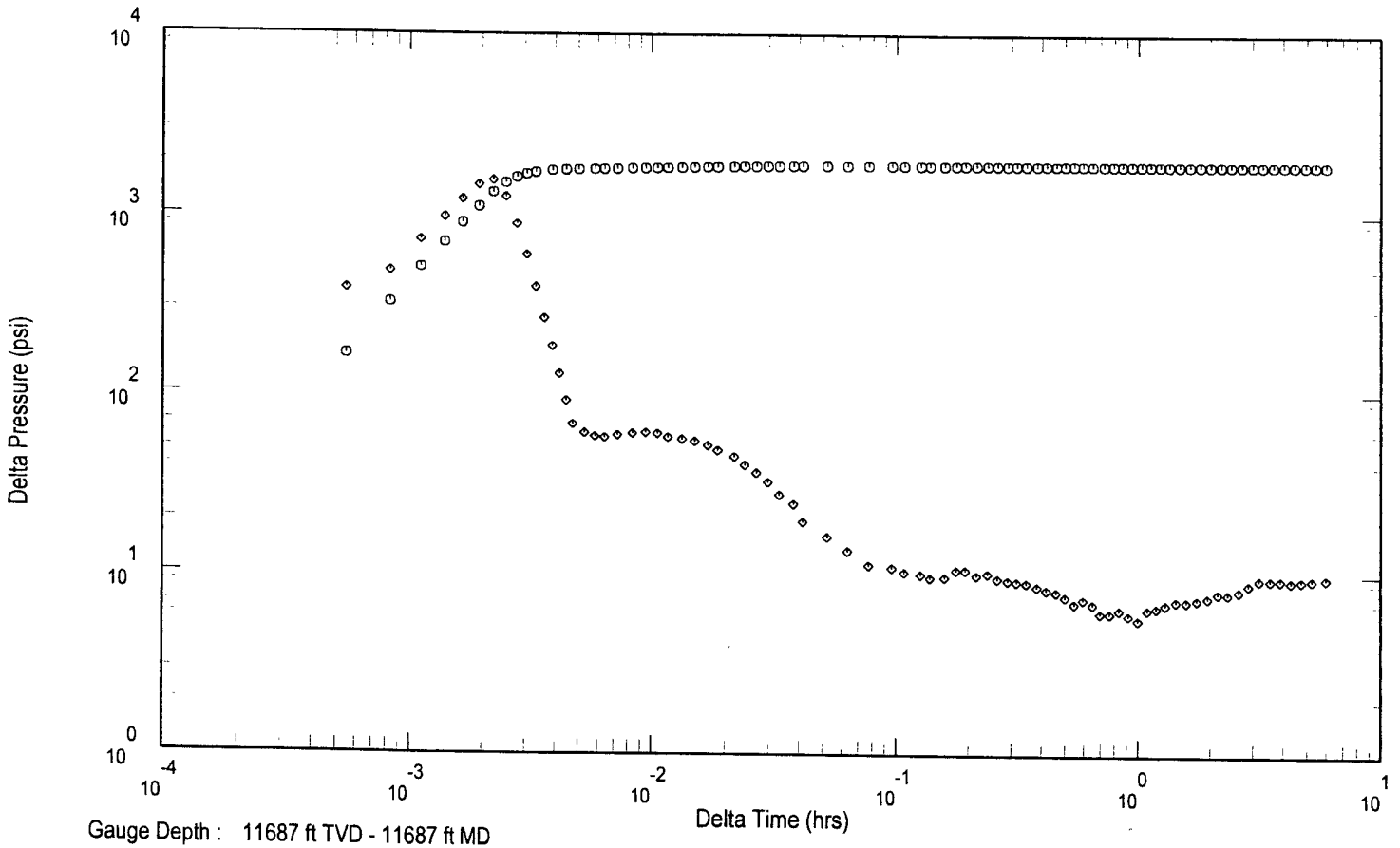
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Log-log Plot - Initial Shutin Period



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

Schlumberger

Quicklook Plots

J Cleo Thompson

Openhole DST

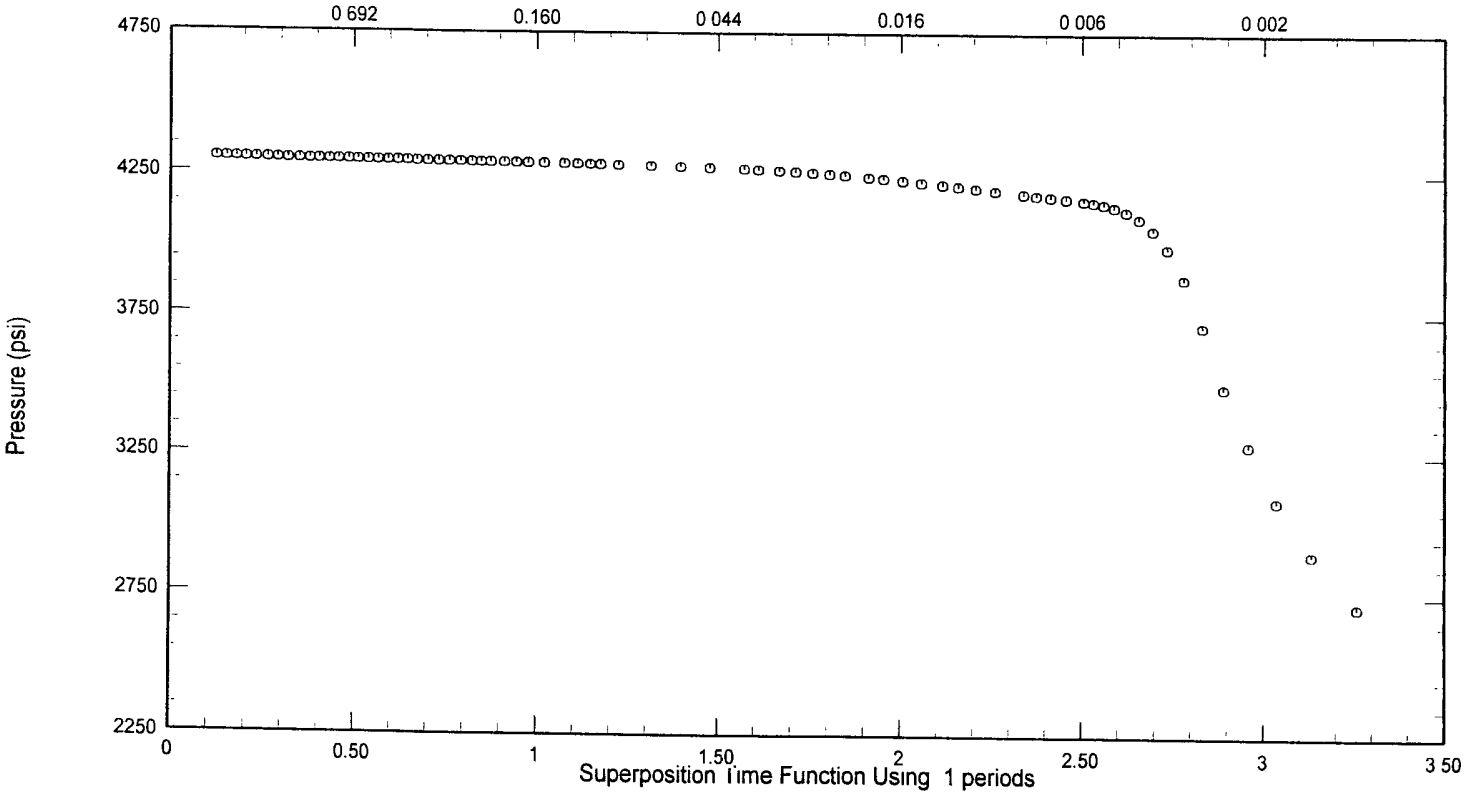
JCT "7" Fed. 1

Wildcat

11804691

14-Aug-07

Semi-log Plot - Initial Shutin Period



Gauge Depth : 11687 ft TVD - 11687 ft MD

Gauge ID : SLSR-1397

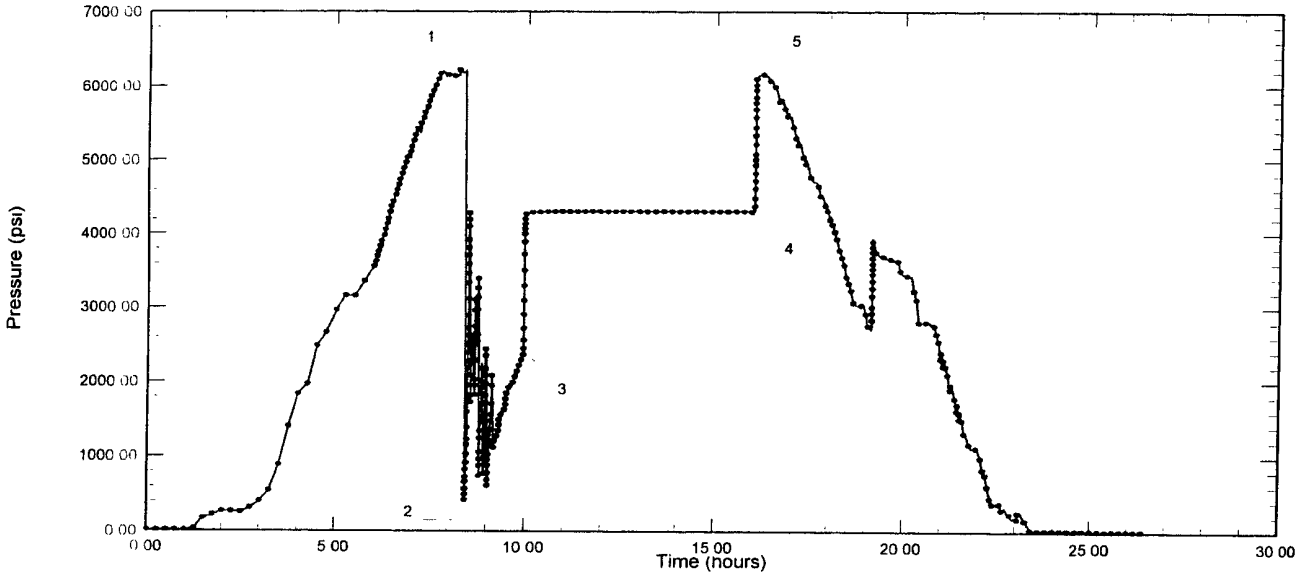
Schlumberger

Label Point Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1	11804691
Wildcat	14-Aug-07



Label Point / Comments	Date (dd-mmm-yy)	Time (hh:mm:ss)	Gauge ET (hours)	BHP (psia)	Rate (0)
Label Point Summary					
1) Hydrostatic Pressure	14-Aug-07	8:28:48	8.330	6184.18	0
2) Start Flow	14-Aug-07	8:35:42	8.445	151.24	1
3) End Flow & Start Shut-in	14-Aug-07	10:05:52	9.948	2391.07	0
4) End Shut-in	14-Aug-07	16:04:10	15.919	4302.92	0
5) Hydrostatic Pressure	14-Aug-07	16:12:09	16.053	6130.56	0

Schlumberger

Gauge Data

J Cleo Thompson

Openhole DST

JCT "7" Fed. 1	Gauge Serial # SLSR-1397	11804691
Wildcat		August 14, 2007

Date (dd-mmm-yy)	Time (hh:mm:ss)	Elapsed Time (hrs)	BHP (psia)	BHT (Deg F)	Comments
Initial Flow					
14-Aug-07	8:35:42	8.44500	151.241	165.81	
14-Aug-07	9:05:46	8.94611	531.030	187.61	
14-Aug-07	9:35:51	9.44750	1594.937	186.48	
Initial Shut-in					
14-Aug-07	10:05:52	9.94778	2391.068	186.64	
14-Aug-07	10:05:53	9.94806	2441.984	186.64	
14-Aug-07	11:04:45	10.92917	4297.351	185.70	
14-Aug-07	12:10:12	12.02000	4300.033	184.55	
14-Aug-07	13:21:17	13.20472	4301.428	183.78	
14-Aug-07	14:39:49	14.51361	4302.361	183.27	

Schlumberger	J Cleo Thompson Openhole DST	
JCT "7" Fed. 1	Gauge Serial # SLSR-1397	11804691
Wildcat		14-Aug-07

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Gauge Comparison

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JCT "7" Fed. 1
Wildcat

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14-Aug-07