

WELL NAME: Koehn #1
COMPANY: Western Operating Company
LOCATION: 11-19S-43W
Greeley County, Kansas
DATE: 4/8/98

TRILOBITE TESTING L.L.C.

OPERATOR : Western Operating Co. DATE 4-7-98
 WELL NAME: Koehn #1 KB 3866.00 ft TICKET NO: 11242 DST #1
 LOCATION : 11-19S-43W Greeley KS. GR 3876.00 ft FORMATION: Lower Morrow
 INTERVAL : 4995.00 To 5129.00 ft TD 5129.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins		Field	1	2 ^X	3	4	TIME DATA-----
PF 20	Rec.	13339	13339	3024			PF Fr. 0310 to 0340 hr
SI 60	Range(Psi)	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 0340 to 0440 hr
SF 45	Clock(hrs)	12 HR	12	ALP			SF Fr. 0440 to 0525 hr
FS 90	Depth(ft)	5124.0	5124.0	5000.0	0.0	0.0	FS Fr. 0525 to 0655 hr

	Field	1	2	3	4	
A. Init Hydro	2523.0	2503.0	2490.0	0.0	0.0	T STARTED 0040 hr
B. First Flow	639.0	645.0	756.0	0.0	0.0	T ON BOTM 0308 hr
B1. Final Flow	919.0	944.0	914.0	0.0	0.0	T OPEN 0310 hr
C. In Shut-in	1020.0	1026.0	1012.0	0.0	0.0	T PULLED 0655 hr
D. Init Flow	989.0	998.0	925.0	0.0	0.0	T OUT 0930 hr
E. Final Flow	989.0	995.0	948.0	0.0	0.0	
F. Fl Shut-in	1020.0	1016.0	1009.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2433.0	2446.0	2361.0	0.0	0.0	Tool Wt. 2000.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 130000.00 lbs
						Initial Str Wt 96000.00 lbs
						Unseated Str Wt 100000.00 lbs
						Bot Choke 0.75 in
						Hole Size 8.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 560.00 ft
						D.P. Length 4442.00 ft

RECOVERY

Tot Fluid 240.00 ft of 240.00 ft in DC and 0.00 ft in DP
 240.00 ft of Slight gas cut mud 10%gas 90%mud
 0.00 ft of
 0.00 ft of

SALINITY 0.00 P.P.M. A.P.I. Gravity 0.00

BLOW DESCRIPTION

Initial Flow:
 Strong blow off bottom in 1 min
 GTS at 3 mins.
 Initial-Shut-in:
 Bled off blow - no return
 Final Flow
 Strong return w/spray of mud thru
 est. 100 psi on 1 1/2" orifice =
 6737 mcf/day
 Final Shut-in:
 Bled off blow - no return

SAMPLES: Gas Bottle
 SENT TO:Caraway

MUD DATA-----
 Mud Type Chemical
 Weight 9.00 lb/c
 Vis. 52.00 S/L
 W.L. 7.20 in³
 F.C. 0.00 in
 Mud Drop N
 Amt. of fill 0.00 ft
 Btm. H. Temp. 141.00 F
 Hole Condition Good
 % Porosity 0.00
 Packer Size 6.75 in
 No. of Packers 2
 Cushion Amt. 0.00
 Cushion Type
 Reversed Out N
 Tool Chased N
 Tester Rod Steinbrink
 Co. Rep. Rich Hall
 Contr. Murfin
 Rig # 25
 Unit #
 Pump T.

Test Successful: Y

TEST HISTORY

11242 DST #1 Koehn #1 Western Operating Co.

Flag Points

	t (Min.)	P (PSig)
A:	0.00	2490.23
B:	0.00	756.99
C:	18.00	914.31
D:	60.00	1012.50
E:	0.00	925.56
F:	43.00	948.03
G:	92.00	1009.65
Q:	0.00	2361.86

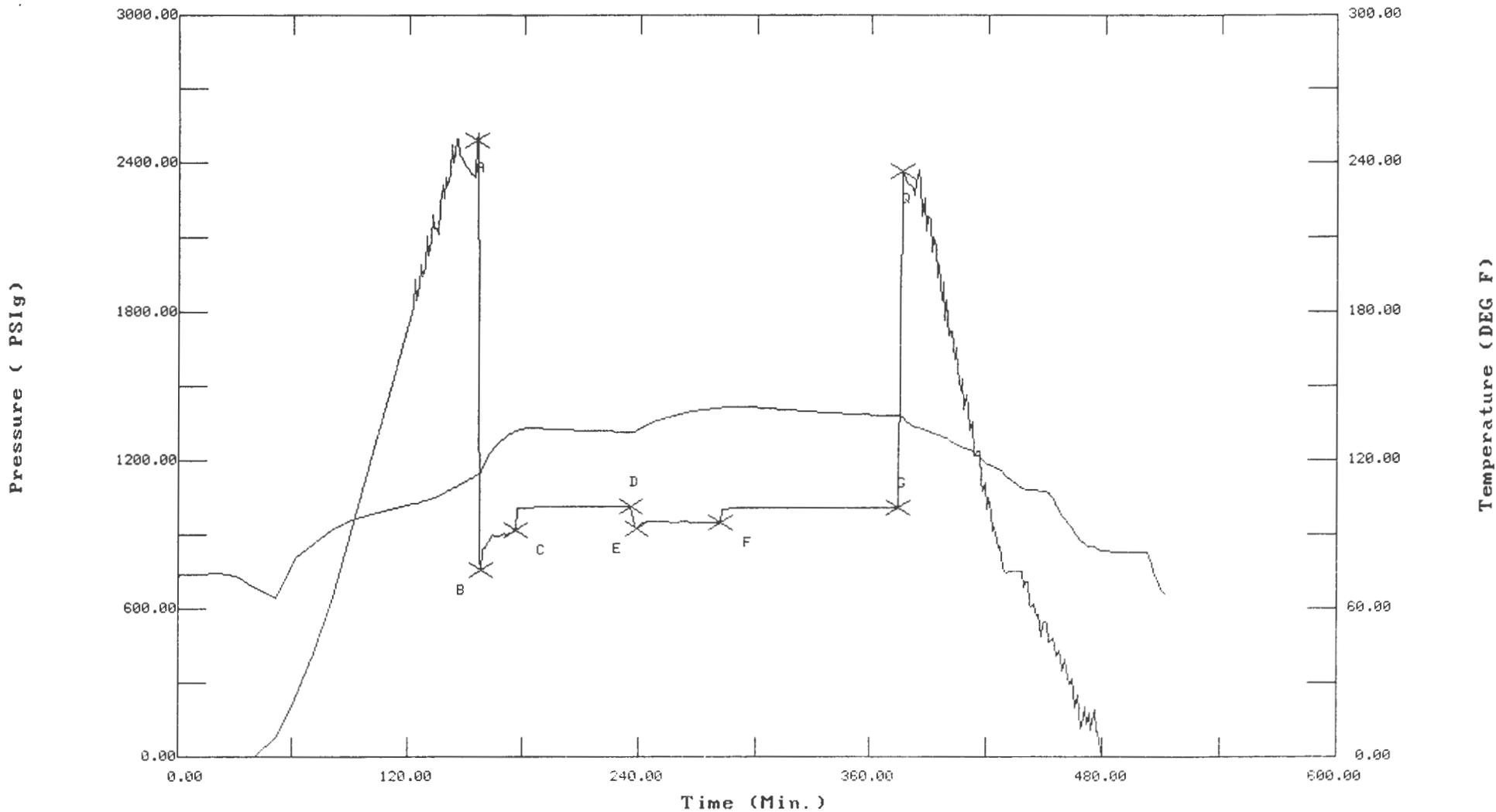
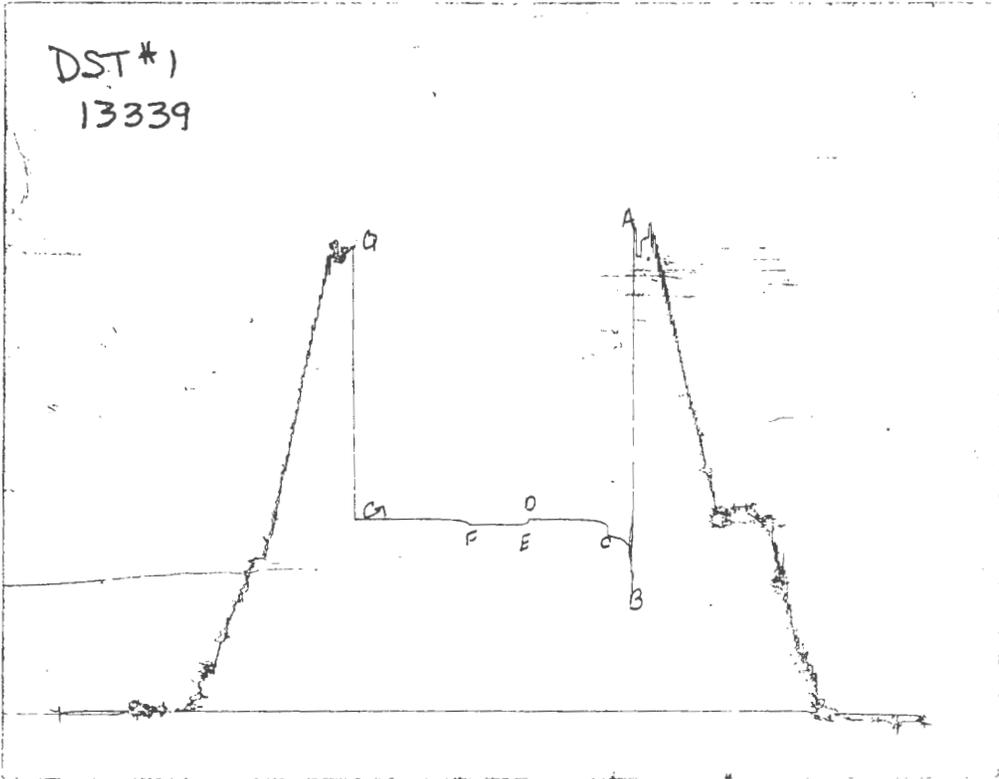


CHART PAGE



This is a photocopy of the actual AK-1 recorder chart

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 11242 DST #1 Koehn #1 Western Operating Co.

DATE: 04/06/98 TIME: 23:40:20

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
***** Initial Hydro.	155.00	2490.2	0.0	113.66		
***** Start Flow 1	0.00	757.0	0.0	115.58		
	1.00	840.7	83.7	117.35		
	2.00	846.7	89.7	119.20		
	3.00	862.5	105.5	120.88		
	4.00	869.2	112.2	122.28		
	5.00	893.1	136.1	123.47		
	6.00	896.1	139.1	124.55		
	7.00	893.5	136.5	125.50		
	8.00	894.6	137.6	126.38		
	9.00	895.4	138.4	127.14		
	10.00	895.3	138.3	127.83		
	11.00	896.2	139.2	128.45		
	12.00	903.0	146.0	129.02		
	13.00	900.5	143.5	129.54		
	14.00	898.1	141.1	130.02		
	15.00	904.0	147.0	130.48		
	16.00	905.9	148.9	130.90		
	17.00	911.4	154.4	131.31		
***** End Flow 1	18.00	914.3	157.3	131.67		
***** Start Shutin 1	0.00	914.3	0.0	131.67	0.0000	0.836
	1.00	1007.4	93.1	132.03	19.0000	1.015
	2.00	1008.1	93.8	132.38	10.0000	1.016
	3.00	1008.5	94.2	132.64	7.0000	1.017
	4.00	1008.7	94.4	132.81	5.5000	1.018
	5.00	1009.0	94.6	132.92	4.6000	1.018
	6.00	1009.2	94.9	132.98	4.0000	1.018
	7.00	1009.5	95.1	133.01	3.5714	1.019
	8.00	1009.7	95.4	133.02	3.2500	1.019
	9.00	1009.9	95.6	133.02	3.0000	1.020
	10.00	1010.1	95.8	132.99	2.8000	1.020
	11.00	1010.2	95.9	132.97	2.6364	1.021
	12.00	1010.4	96.1	132.94	2.5000	1.021
	13.00	1010.5	96.2	132.92	2.3846	1.021
	14.00	1010.6	96.3	132.88	2.2857	1.021
	15.00	1010.7	96.4	132.83	2.2000	1.022
	16.00	1010.8	96.5	132.80	2.1250	1.022
	17.00	1010.9	96.6	132.76	2.0588	1.022
	18.00	1011.0	96.7	132.71	2.0000	1.022
	19.00	1011.0	96.7	132.67	1.9474	1.022
	20.00	1011.1	96.8	132.64	1.9000	1.022
	21.00	1011.2	96.9	132.60	1.8571	1.022
	22.00	1011.2	96.9	132.55	1.8182	1.023
	23.00	1011.3	97.0	132.52	1.7826	1.023
	24.00	1011.4	97.1	132.49	1.7500	1.023
	25.00	1011.4	97.1	132.43	1.7200	1.023
	26.00	1011.5	97.2	132.41	1.6923	1.023
	27.00	1011.5	97.2	132.36	1.6667	1.023
	28.00	1011.6	97.3	132.32	1.6429	1.023
	29.00	1011.6	97.3	132.29	1.6207	1.023
	30.00	1011.6	97.3	132.25	1.6000	1.023

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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DATE: 04/06/98

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
	31.00	1011.7	97.4	132.21	1.5806	1.024
	32.00	1011.7	97.4	132.17	1.5625	1.024
	33.00	1011.8	97.5	132.14	1.5455	1.024
	34.00	1011.8	97.5	132.11	1.5294	1.024
	35.00	1011.9	97.6	132.07	1.5143	1.024
	36.00	1011.9	97.6	132.02	1.5000	1.024
	37.00	1011.9	97.6	132.00	1.4865	1.024
	38.00	1012.0	97.7	131.96	1.4737	1.024
	39.00	1012.0	97.7	131.93	1.4615	1.024
	40.00	1012.0	97.7	131.91	1.4500	1.024
	41.00	1012.1	97.8	131.87	1.4390	1.024
	42.00	1012.1	97.8	131.84	1.4286	1.024
	43.00	1012.1	97.8	131.81	1.4186	1.024
	44.00	1012.1	97.8	131.79	1.4091	1.024
	45.00	1012.1	97.8	131.76	1.4000	1.024
	46.00	1012.2	97.9	131.74	1.3913	1.024
	47.00	1012.2	97.9	131.70	1.3830	1.025
	48.00	1012.2	97.9	131.68	1.3750	1.025
	49.00	1012.2	97.9	131.66	1.3673	1.025
	50.00	1012.3	98.0	131.64	1.3600	1.025
	51.00	1012.3	98.0	131.62	1.3529	1.025
	52.00	1012.3	98.0	131.60	1.3462	1.025
	53.00	1012.4	98.1	131.59	1.3396	1.025
	54.00	1012.4	98.1	131.58	1.3333	1.025
	55.00	1012.4	98.1	131.55	1.3273	1.025
	56.00	1012.4	98.1	131.54	1.3214	1.025
	57.00	1012.4	98.1	131.51	1.3158	1.025
	58.00	1012.5	98.2	131.49	1.3103	1.025
	59.00	1012.5	98.2	131.47	1.3051	1.025
***** End Shut-in 1	60.00	1012.5	98.2	131.46	1.3000	1.025
***** Start Flow 2	0.00	925.6	0.0	131.99		
	1.00	936.4	10.8	132.45		
	2.00	938.0	12.4	132.91		
	3.00	946.3	20.7	133.37		
	4.00	945.9	20.4	133.81		
	5.00	950.3	24.8	134.22		
	6.00	952.6	27.0	134.59		
	7.00	953.7	28.1	134.96		
	8.00	952.1	26.5	135.29		
	9.00	951.9	26.3	135.60		
	10.00	951.9	26.3	135.88		
	11.00	953.6	28.1	136.14		
	12.00	953.9	28.4	136.40		
	13.00	953.7	28.2	136.64		
	14.00	952.5	27.0	136.88		
	15.00	952.7	27.1	137.10		
	16.00	952.1	26.5	137.33		
	17.00	949.3	23.8	137.57		
	18.00	947.9	22.4	137.80		
	19.00	947.6	22.0	137.99		
	20.00	947.8	22.3	138.19		

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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	21.00	948.1	22.6	138.38		
	22.00	945.9	20.3	138.57		
	23.00	953.2	27.7	138.74		
	24.00	953.2	27.7	138.93		
	25.00	950.2	24.6	139.14		
	26.00	951.4	25.9	139.34		
	27.00	949.2	23.7	139.52		
	28.00	948.9	23.3	139.67		
	29.00	948.9	23.4	139.80		
	30.00	947.7	22.2	139.91		
	31.00	947.5	21.9	139.98		
	32.00	948.0	22.4	140.06		
	33.00	947.4	21.8	140.15		
	34.00	948.3	22.7	140.22		
	35.00	947.8	22.3	140.33		
	36.00	948.2	22.7	140.43		
	37.00	947.4	21.9	140.54		
	38.00	949.0	23.4	140.66		
	39.00	948.1	22.5	140.78		
	40.00	948.2	22.6	140.88		
	41.00	947.9	22.3	140.98		
	42.00	948.1	22.5	141.07		
***** End Flow 2	43.00	948.0	22.5	141.17		
***** Start Shutin 2	0.00	948.0	0.0	141.17	0.0000	0.899
	1.00	999.7	51.7	141.28	62.0000	0.999
	2.00	1001.5	53.5	141.40	31.5000	1.003
	3.00	1002.6	54.6	141.49	21.3333	1.005
	4.00	1003.4	55.4	141.56	16.2500	1.007
	5.00	1004.0	56.0	141.59	13.2000	1.008
	6.00	1004.5	56.4	141.61	11.1667	1.009
	7.00	1004.9	56.8	141.61	9.7143	1.010
	8.00	1005.2	57.1	141.60	8.6250	1.010
	9.00	1005.5	57.4	141.59	7.7778	1.011
	10.00	1005.7	57.7	141.57	7.1000	1.011
	11.00	1005.9	57.9	141.55	6.5455	1.012
	12.00	1006.1	58.1	141.51	6.0833	1.012
	13.00	1006.3	58.3	141.48	5.6923	1.013
	14.00	1006.5	58.4	141.45	5.3571	1.013
	15.00	1006.6	58.6	141.41	5.0667	1.013
	16.00	1006.8	58.7	141.37	4.8125	1.014
	17.00	1006.9	58.9	141.32	4.5882	1.014
	18.00	1007.0	59.0	141.27	4.3889	1.014
	19.00	1007.1	59.1	141.21	4.2105	1.014
	20.00	1007.3	59.2	141.17	4.0500	1.015
	21.00	1007.3	59.3	141.11	3.9048	1.015
	22.00	1007.4	59.4	141.06	3.7727	1.015
	23.00	1007.5	59.5	140.99	3.6522	1.015
	24.00	1007.6	59.5	140.94	3.5417	1.015
	25.00	1007.7	59.6	140.87	3.4400	1.015
	26.00	1007.7	59.7	140.82	3.3462	1.016
	27.00	1007.8	59.8	140.76	3.2593	1.016

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

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Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P ² /10 ⁶
28.00	1007.9	59.9	140.70	3.1786	1.016
29.00	1008.0	59.9	140.64	3.1034	1.016
30.00	1008.0	60.0	140.59	3.0333	1.016
31.00	1008.1	60.0	140.53	2.9677	1.016
32.00	1008.1	60.1	140.46	2.9062	1.016
33.00	1008.2	60.1	140.40	2.8485	1.016
34.00	1008.2	60.2	140.34	2.7941	1.016
35.00	1008.3	60.2	140.28	2.7429	1.017
36.00	1008.3	60.3	140.23	2.6944	1.017
37.00	1008.4	60.3	140.17	2.6486	1.017
38.00	1008.4	60.4	140.11	2.6053	1.017
39.00	1008.5	60.4	140.05	2.5641	1.017
40.00	1008.5	60.5	139.99	2.5250	1.017
41.00	1008.5	60.5	139.93	2.4878	1.017
42.00	1008.6	60.5	139.86	2.4524	1.017
43.00	1008.6	60.6	139.81	2.4186	1.017
44.00	1008.7	60.6	139.75	2.3864	1.017
45.00	1008.7	60.6	139.71	2.3556	1.017
46.00	1008.7	60.7	139.65	2.3261	1.018
47.00	1008.7	60.7	139.59	2.2979	1.018
48.00	1008.8	60.7	139.53	2.2708	1.018
49.00	1008.8	60.8	139.49	2.2449	1.018
50.00	1008.8	60.8	139.43	2.2200	1.018
51.00	1008.8	60.8	139.37	2.1961	1.018
52.00	1008.9	60.9	139.32	2.1731	1.018
53.00	1008.9	60.9	139.26	2.1509	1.018
54.00	1008.9	60.9	139.21	2.1296	1.018
55.00	1009.0	61.0	139.17	2.1091	1.018
56.00	1009.0	61.0	139.13	2.0893	1.018
57.00	1009.0	61.0	139.07	2.0702	1.018
58.00	1009.0	61.0	139.03	2.0517	1.018
59.00	1009.1	61.0	138.98	2.0339	1.018
60.00	1009.1	61.1	138.94	2.0167	1.018
61.00	1009.1	61.1	138.89	2.0000	1.018
62.00	1009.1	61.1	138.85	1.9839	1.018
63.00	1009.2	61.1	138.81	1.9683	1.018
64.00	1009.2	61.1	138.77	1.9531	1.018
65.00	1009.2	61.2	138.71	1.9385	1.019
66.00	1009.2	61.2	138.68	1.9242	1.019
67.00	1009.2	61.2	138.64	1.9104	1.019
68.00	1009.3	61.2	138.60	1.8971	1.019
69.00	1009.3	61.3	138.57	1.8841	1.019
70.00	1009.3	61.3	138.52	1.8714	1.019
71.00	1009.3	61.3	138.49	1.8592	1.019
72.00	1009.3	61.3	138.45	1.8472	1.019
73.00	1009.4	61.3	138.41	1.8356	1.019
74.00	1009.4	61.4	138.37	1.8243	1.019
75.00	1009.4	61.4	138.33	1.8133	1.019
76.00	1009.4	61.4	138.30	1.8026	1.019
77.00	1009.4	61.4	138.26	1.7922	1.019
78.00	1009.5	61.4	138.23	1.7821	1.019

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DATE: 04/06/98 TIME: 23:40:20

	Time	Pressure PSIg	delta P PSig	Temp. DEG F	(T+dT)/dT	P^2/10^6
	79.00	1009.5	61.4	138.21	1.7722	1.019
	80.00	1009.5	61.5	138.17	1.7625	1.019
	81.00	1009.5	61.5	138.14	1.7531	1.019
	82.00	1009.5	61.5	138.10	1.7439	1.019
	83.00	1009.5	61.5	138.07	1.7349	1.019
	84.00	1009.5	61.5	138.04	1.7262	1.019
	85.00	1009.6	61.5	138.01	1.7176	1.019
	86.00	1009.6	61.5	137.98	1.7093	1.019
	87.00	1009.6	61.5	137.96	1.7011	1.019
	88.00	1009.6	61.5	137.93	1.6932	1.019
	89.00	1009.6	61.6	137.90	1.6854	1.019
	90.00	1009.6	61.6	137.87	1.6778	1.019
	91.00	1009.6	61.6	137.84	1.6703	1.019
***** End Shut-in 2	92.00	1009.6	61.6	137.81	1.6630	1.019
***** Final Hydro.	376.00	2361.9	0.0	137.30		



**TRILOBITE
TESTING, INC.**

TRANSIENT GAUGE REPORT

Starlite Oil Company

Koehn #1

Initial Gradient tes

Licence No:

ATTN:

Test Start: 2003.07.15 @ 10:09:59

GENERAL INFORMATION:

Formation: Morrow Field:

Well Status: Water

Deviated: No Whipstock: ft (CF)

Shut In Date:

Perforations: ft (CF) To ft (CF) (TVD)

Tubing Press: Initial psig Final psig inches @ ft (CF)

Casing Press: Initial psig Final psig inches @ ft (CF)

Open Hole: 7.88 inches

Packer Depth: ft (CF)

Bottom Hole Build-up

Company Rep: Paul Simpson

Unit No.:

Reference Elevations: ft (KB)

ft (CF)

KB to CF: ft

MPP: 5117 ft (CF)

Press@MPP: 1023.64 psig

B.H. Temp: deg C

Assumed Gradient: 1 psig/ft

Serial #: 3027 Inside

Press@RunDepth: psig @ 5117 ft (CF)

Start Date: 2003.07.15 End Date: 2003.07.26

Capacity: 7000 psig

Last Calib.:

Start Time: 10:10:09 End Time: 04:48:58

Time On Btm: 2003.07.15 @ 11:41:49

Time Off Btm:

TEST COMMENT:

RESULTS SUMMARY

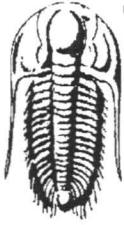
Relative Time (Hours)	Pressure (psig)	Temperature (deg C)	Annotation
630.29046	873.51	33.28	0
630.29059	959.69	30.76	3000
630.29067	989.49	41.79	4000
630.29078	1005.15	51.49	4500
630.29087	1011.34	56.48	4750
630.29096	1013.01	59.64	4850
630.29104	1018.61	60.92	4950
630.29110	1020.07	62.71	5000
630.29117	1021.51	64.31	5050
630.29123	1023.00	65.41	5100
630.29130	1023.58	66.55	5117
630.29146	1023.64	67.57	Recorder On Bottom
630.29157	1023.64	67.77	Pressure @ MPP
630.29164	1023.46	67.84	lit pak
630.29174	1018.98	67.59	started 4pt test
630.29234	995.64	67.95	1st pt
630.29303	918.07	67.67	2nd pt
630.29373	867.20	67.44	3rd pt
630.29443	842.21	67.32	4th pt
630.30924	803.56	67.30	1 pt
630.39169	697.15	67.51	Shut-In(1)
630.46998	967.96	69.04	End Shut-In(1)

630.47001

967.98

69.04

battery quit



**TRILOBITE
TESTING, INC**

STATIC GRADIENT REPORT

Starlite Oil Company

Koehn #1

ATTN:

Licence No:

Test Start: 2003.07.29 @ 13:30:00

GENERAL INFORMATION:

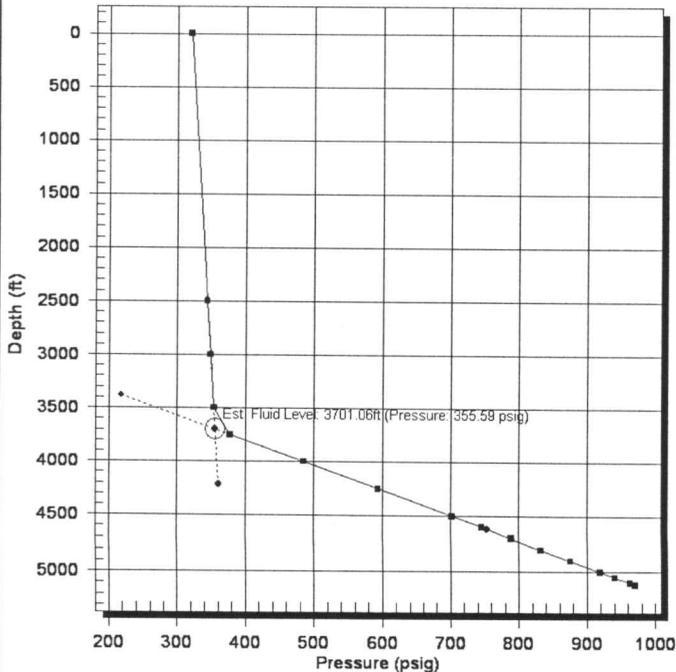
Formation: Morrow Field: Company Rep: Trilobite Testing, I
 Well Status: Unit No.: Rod
 Deviated: No Whipstock: ft (CF) Reference Elevations: ft (KB)
 Shut In Date: ft (CF)
 Perforations: ft (CF) To ft (CF) (TVD) KB to CF: ft
 Tubing Press: Initial psig Final psig inches @ ft (CF) **MPP:** ft (CF)
 Casing Press: Initial psig Final psig inches @ ft (CF) **Press@MPP:** psig
 Open Hole: inches **B.H. Temp:** 153.85 deg F
 Packer Depth: ft (CF) **Assumed Gradient:** psig/ft

RECORDER INFORMATION:

Serial #: 3027 Capacity: 7000 psig
 Press@RunDepth: 970.34 psig @ 5117 ft (CF) Last Calib.:
 Start Date: 2003.07.29 @ 13:30:00 Time On Btm:
 End Date: 2003.07.29 @ 14:38:20 Time Off Btm: 2003.07.29 @ 14:22:00

TEST COMMENT:

Static Gradient Graph
3027



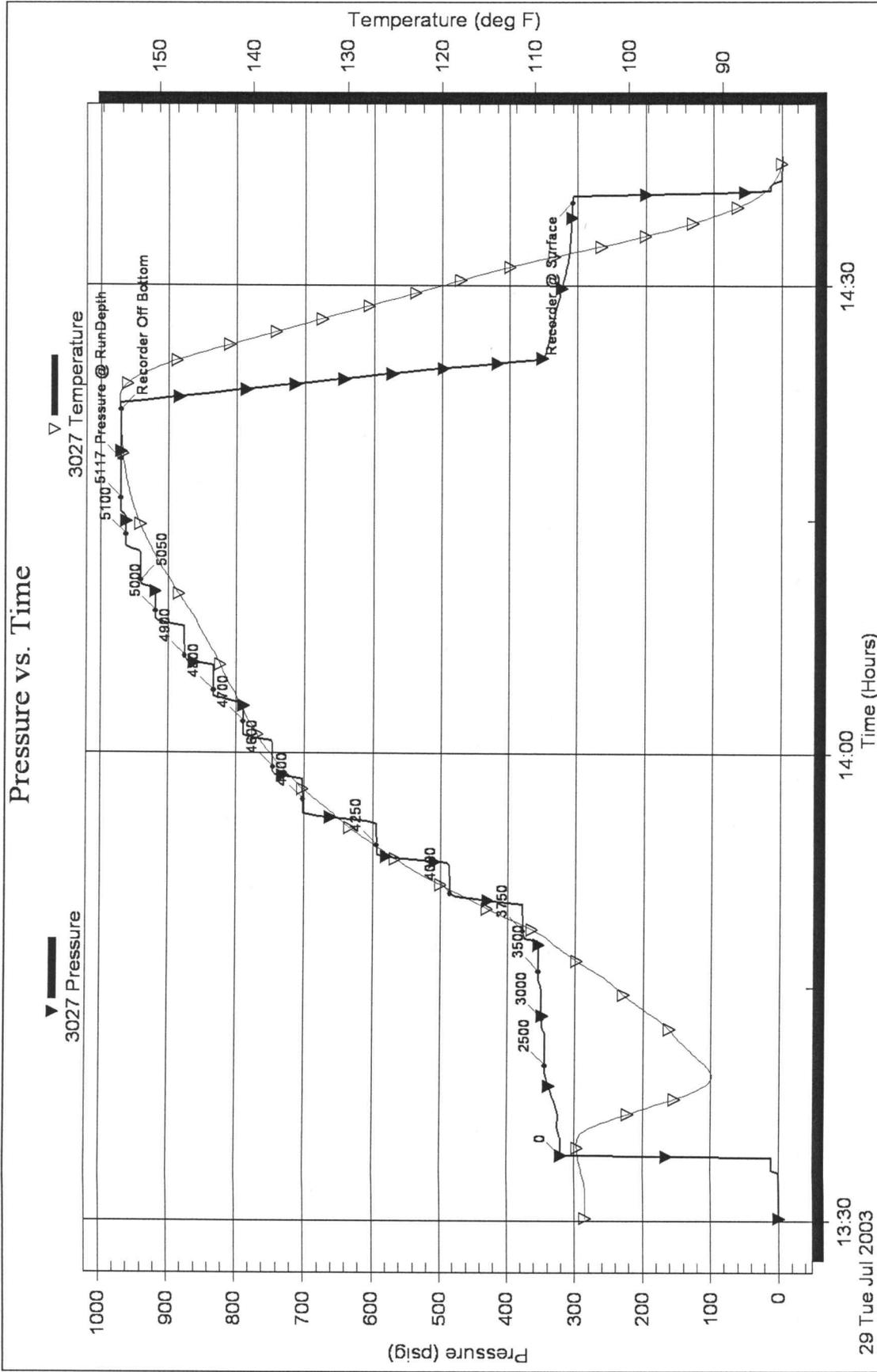
GRADIENT SUMMARY

Relative Time (Hours)	Depth (ft)	Pressure (psig)	Gradient (psig/ft)
0.06944	0.00	319.69	0.00
0.16667	2500.00	343.83	0.01
0.21667	3000.00	348.69	0.01
0.26667	3500.00	353.62	0.01
0.30972	3750.00	377.23	0.09
0.35000	4000.00	485.28	0.43
0.40139	4250.00	593.83	0.43
0.45000	4500.00	701.67	0.43
0.48472	4600.00	745.57	0.44
0.53333	4700.00	788.98	0.43
0.56667	4800.00	832.26	0.43
0.60417	4900.00	875.37	0.43
0.65139	5000.00	918.93	0.44
0.68472	5050.00	940.64	0.43
0.73333	5100.00	962.47	0.44
0.77222	5117.00	970.09	0.45
0.81389	5117.00	970.34	0.00

Serial #: 3027

Starlite Oil Company

Pressure vs. Time



Trilobite Testing, Inc

Ref. No:



**TRILOBITE
TESTING, INC.**

STATIC GRADIENT DATA LISTING

Starlite Oil Company

Koehn #1

Licence No:

ATTN:

Test Start: 2003.07.29 @ 13:30:00

Serial # 3027

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2003.07.29 @ 13:30:05	0.00139		-0.20	104.37	
2003.07.29 @ 13:32:10	0.03611		-0.40	104.45	
2003.07.29 @ 13:34:00	0.06667		9.89	105.08	
2003.07.29 @ 13:34:05	0.06806		9.89	105.12	
2003.07.29 @ 13:34:10	0.06944	0.00	319.69	105.26	0
2003.07.29 @ 13:34:15	0.07083		319.49	105.18	
2003.07.29 @ 13:34:20	0.07222		319.89	105.17	
2003.07.29 @ 13:34:25	0.07361		320.19	105.19	
2003.07.29 @ 13:36:30	0.10833		324.58	101.47	
2003.07.29 @ 13:38:35	0.14306		337.98	91.90	
2003.07.29 @ 13:39:50	0.16389		343.85	91.33	
2003.07.29 @ 13:39:55	0.16528		343.85	91.45	
2003.07.29 @ 13:40:00	0.16667	2500.00	343.83	91.59	2500
2003.07.29 @ 13:40:05	0.16806		343.89	91.73	
2003.07.29 @ 13:40:10	0.16944		343.91	91.87	
2003.07.29 @ 13:40:15	0.17083		343.91	92.02	
2003.07.29 @ 13:42:20	0.20556		347.27	95.47	
2003.07.29 @ 13:42:50	0.21389		348.67	96.43	
2003.07.29 @ 13:42:55	0.21528		348.67	96.63	
2003.07.29 @ 13:43:00	0.21667	3000.00	348.69	96.82	3000
2003.07.29 @ 13:43:05	0.21806		348.69	97.02	
2003.07.29 @ 13:43:10	0.21944		348.63	97.23	
2003.07.29 @ 13:43:15	0.22083		348.65	97.44	
2003.07.29 @ 13:45:20	0.25556		352.90	101.88	
2003.07.29 @ 13:45:50	0.26389		353.64	103.07	
2003.07.29 @ 13:45:55	0.26528		353.60	103.28	
2003.07.29 @ 13:46:00	0.26667	3500.00	353.62	103.51	3500
2003.07.29 @ 13:46:05	0.26806		353.62	103.76	
2003.07.29 @ 13:46:10	0.26944		353.66	103.99	
2003.07.29 @ 13:46:15	0.27083		353.68	104.22	
2003.07.29 @ 13:48:20	0.30556		376.63	109.12	
2003.07.29 @ 13:48:25	0.30694		377.19	109.35	
2003.07.29 @ 13:48:30	0.30833		377.43	109.60	

Printing every 25 samples

Serial # 3027

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2003.07.29 @ 13:48:35	0.30972	3750.00	377.23	109.87	3750
2003.07.29 @ 13:48:40	0.31111		376.81	110.14	
2003.07.29 @ 13:48:45	0.31250		376.53	110.42	
2003.07.29 @ 13:48:50	0.31389		376.55	110.71	
2003.07.29 @ 13:50:50	0.34722		485.02	117.72	
2003.07.29 @ 13:50:55	0.34861		485.20	118.00	
2003.07.29 @ 13:51:00	0.35000	4000.00	485.28	118.29	4000
2003.07.29 @ 13:51:05	0.35139		485.16	118.58	
2003.07.29 @ 13:51:10	0.35278		484.94	118.86	
2003.07.29 @ 13:51:15	0.35417		484.82	119.15	
2003.07.29 @ 13:53:20	0.38889		584.43	125.24	
2003.07.29 @ 13:53:55	0.39861		593.23	126.71	
2003.07.29 @ 13:54:00	0.40000		593.49	126.92	
2003.07.29 @ 13:54:05	0.40139	4250.00	593.83	127.14	4250
2003.07.29 @ 13:54:10	0.40278		594.01	127.37	
2003.07.29 @ 13:54:15	0.40417		593.93	127.53	
2003.07.29 @ 13:54:20	0.40556		593.77	127.76	
2003.07.29 @ 13:56:25	0.44028		701.49	132.15	
2003.07.29 @ 13:56:50	0.44722		701.75	133.02	
2003.07.29 @ 13:56:55	0.44861		701.73	133.21	
2003.07.29 @ 13:57:00	0.45000	4500.00	701.67	133.37	4500
2003.07.29 @ 13:57:05	0.45139		701.67	133.56	
2003.07.29 @ 13:57:10	0.45278		701.69	133.72	
2003.07.29 @ 13:57:15	0.45417		701.79	133.89	
2003.07.29 @ 13:58:55	0.48194		745.79	136.70	
2003.07.29 @ 13:59:00	0.48333		745.69	136.83	
2003.07.29 @ 13:59:05	0.48472	4600.00	745.57	136.94	4600
2003.07.29 @ 13:59:10	0.48611		745.57	137.08	
2003.07.29 @ 13:59:15	0.48750		745.67	137.19	
2003.07.29 @ 13:59:20	0.48889		745.79	137.35	
2003.07.29 @ 14:01:25	0.52361		788.91	139.76	
2003.07.29 @ 14:01:50	0.53056		788.96	140.19	
2003.07.29 @ 14:01:55	0.53194		788.96	140.26	
2003.07.29 @ 14:02:00	0.53333	4700.00	788.98	140.35	4700
2003.07.29 @ 14:02:05	0.53472		788.93	140.45	
2003.07.29 @ 14:02:10	0.53611		788.91	140.52	
2003.07.29 @ 14:02:15	0.53750		788.95	140.62	
2003.07.29 @ 14:03:50	0.56389		832.30	141.91	
2003.07.29 @ 14:03:55	0.56528		832.26	141.99	
2003.07.29 @ 14:04:00	0.56667	4800.00	832.26	142.06	4800
2003.07.29 @ 14:04:05	0.56806		832.26	142.13	

Printing every 25 samples

Serial # 3027

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2003.07.29 @ 14:04:10	0.56944		832.29	142.24	
2003.07.29 @ 14:04:15	0.57083		832.31	142.27	
2003.07.29 @ 14:06:05	0.60139		875.49	143.77	
2003.07.29 @ 14:06:10	0.60278		875.41	143.84	
2003.07.29 @ 14:06:15	0.60417	4900.00	875.37	143.91	4900
2003.07.29 @ 14:06:20	0.60556		875.43	143.99	
2003.07.29 @ 14:06:25	0.60694		875.45	144.07	
2003.07.29 @ 14:06:30	0.60833		875.50	144.16	
2003.07.29 @ 14:08:35	0.64306		918.87	146.12	
2003.07.29 @ 14:08:55	0.64861		918.89	146.47	
2003.07.29 @ 14:09:00	0.65000		918.95	146.58	
2003.07.29 @ 14:09:05	0.65139	5000.00	918.93	146.67	5000
2003.07.29 @ 14:09:10	0.65278		918.87	146.77	
2003.07.29 @ 14:09:15	0.65417		918.83	146.85	
2003.07.29 @ 14:09:20	0.65556		918.83	146.96	
2003.07.29 @ 14:10:55	0.68194		940.78	148.64	
2003.07.29 @ 14:11:00	0.68333		940.66	148.72	
2003.07.29 @ 14:11:05	0.68472	5050.00	940.64	148.81	5050
2003.07.29 @ 14:11:10	0.68611		940.70	148.90	
2003.07.29 @ 14:11:15	0.68750		940.80	148.99	
2003.07.29 @ 14:11:20	0.68889		940.86	149.10	
2003.07.29 @ 14:13:25	0.72361		962.39	151.09	
2003.07.29 @ 14:13:50	0.73056		962.56	151.44	
2003.07.29 @ 14:13:55	0.73194		962.49	151.52	
2003.07.29 @ 14:14:00	0.73333	5100.00	962.47	151.59	5100
2003.07.29 @ 14:14:05	0.73472		962.51	151.64	
2003.07.29 @ 14:14:10	0.73611		962.53	151.70	
2003.07.29 @ 14:14:15	0.73750		962.60	151.78	
2003.07.29 @ 14:16:10	0.76944		970.07	152.96	
2003.07.29 @ 14:16:15	0.77083		970.09	153.00	
2003.07.29 @ 14:16:20	0.77222	5117.00	970.09	153.04	5117
2003.07.29 @ 14:16:25	0.77361		970.10	153.07	
2003.07.29 @ 14:16:30	0.77500		970.12	153.11	
2003.07.29 @ 14:16:35	0.77639		970.14	153.16	
2003.07.29 @ 14:18:40	0.81111		970.32	153.82	
2003.07.29 @ 14:18:45	0.81250		970.32	153.83	
2003.07.29 @ 14:18:50	0.81389	5117.00	970.34	153.85	Pressure @ RunDepth
2003.07.29 @ 14:18:55	0.81528		970.34	153.87	
2003.07.29 @ 14:19:00	0.81667		970.36	153.88	
2003.07.29 @ 14:19:05	0.81806		970.34	153.89	
2003.07.29 @ 14:21:10	0.85278		970.22	154.15	
Printing every 25 samples					

Serial # 3027

Actual Time (Date/Time)	Relative Time (Hours)	Depth (ft)	Pressure (psig)	Temperature (deg F)	Comments
2003.07.29 @ 14:21:50	0.86389		970.28	154.22	
2003.07.29 @ 14:21:55	0.86528		970.32	154.22	
2003.07.29 @ 14:22:00	0.86667		970.32	154.22	Recorder Off Bottom
2003.07.29 @ 14:22:05	0.86806		970.34	154.23	
2003.07.29 @ 14:22:10	0.86944		971.30	154.22	
2003.07.29 @ 14:22:15	0.87083		972.02	154.22	
2003.07.29 @ 14:24:20	0.90556		573.32	151.64	
2003.07.29 @ 14:26:25	0.94028		342.23	141.01	
2003.07.29 @ 14:28:30	0.97500		331.01	128.73	
2003.07.29 @ 14:30:35	1.00972		319.01	116.41	
2003.07.29 @ 14:32:40	1.04444		310.84	101.72	
2003.07.29 @ 14:34:45	1.07917		307.84	89.48	
2003.07.29 @ 14:35:10	1.08611		307.36	87.85	
2003.07.29 @ 14:35:15	1.08750		307.32	87.58	
2003.07.29 @ 14:35:20	1.08889	0.00	307.24	87.30	Recorder @ Surface
2003.07.29 @ 14:35:25	1.09028		306.86	87.05	
2003.07.29 @ 14:35:30	1.09167		306.80	86.81	
2003.07.29 @ 14:35:35	1.09306		306.76	86.58	
2003.07.29 @ 14:37:40	1.12778		-1.12	83.79	
2003.07.29 @ 14:38:20	1.13889		-1.30	83.66	

Printing every 25 samples



TRILOBITE
TESTING, INC

STATIC GRADIENT REPORT

Starlite Oil Company

Koehn #1

Initial Gradient tes

Licence No:

ATTN:

Test Start: 2003.07.15 @ 10:09:59

GENERAL INFORMATION:

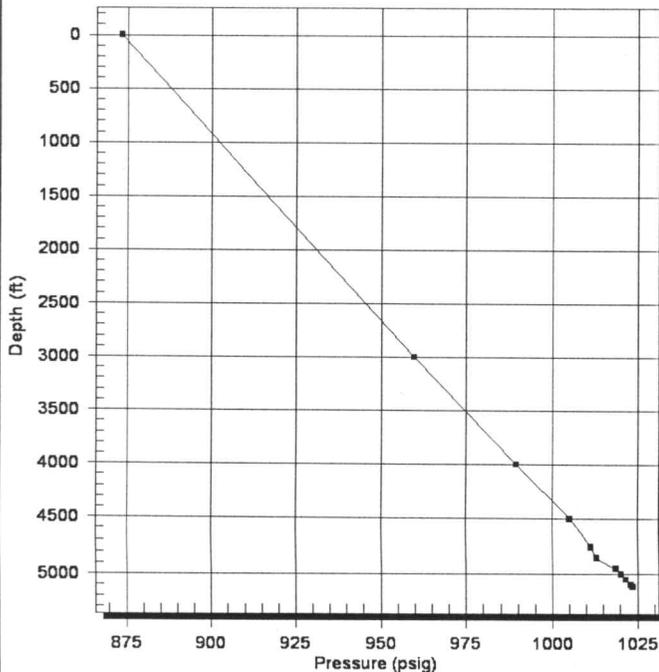
Formation: Morrow Field: Company Rep: Paul Simpson
 Well Status: Water Unit No.:
 Deviated: No Whipstock: ft (CF) Reference Elevations: ft (KB)
 Shut In Date: ft (CF)
 Perforations: ft (CF) To ft (CF) (TVD) KB to CF: ft
 Tubing Press: Initial psig Final psig inches @ ft (CF) **MPP: 5117 ft (CF)**
 Casing Press: Initial psig Final psig inches @ ft (CF) **Press@MPP: 1023.64 psig**
 Open Hole: 7.88 inches **B.H. Temp: deg C**
 Packer Depth: ft (CF) **Assumed Gradient: 1 psig/ft**

RECORDER INFORMATION:

Serial #: 3027 Inside Capacity: 7000 psig
 Press@RunDepth: psig @ 5117 ft (CF) Last Calib.:
 Start Date: 2003.07.15 @ 10:10:09 Time On Btm: 2003.07.15 @ 11:41:49
 End Date: 2003.07.26 @ 04:48:58 Time Off Btm:

TEST COMMENT:

Static Gradient Graph
3027



GRADIENT SUMMARY

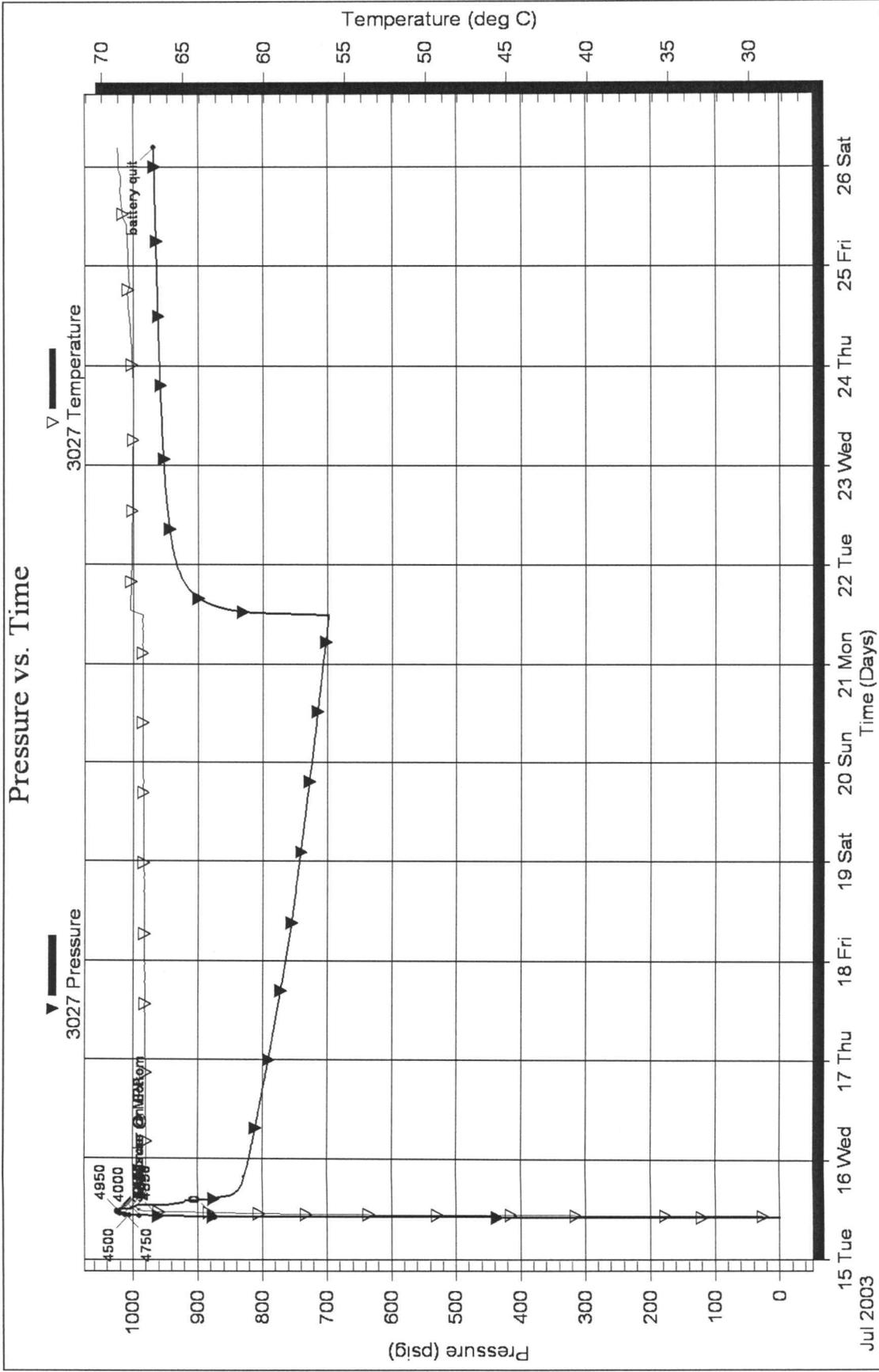
Relative Time (Hours)	Depth (ft)	Pressure (psig)	Gradient (psig/ft)
0.08889	0.00	873.51	0.00
0.27778	3000.00	959.69	0.03
0.40000	4000.00	989.49	0.03
0.56111	4500.00	1005.15	0.03
0.68333	4750.00	1011.34	0.02
0.81111	4850.00	1013.01	0.02
0.93056	4950.00	1018.61	0.06
1.01111	5000.00	1020.07	0.03
1.11389	5050.00	1021.51	0.03
1.19722	5100.00	1023.00	0.03
1.69167	5117.00	1023.64	0.04
1.29722	5117.00	1023.58	0.00

Serial #: 3027

Inside

Starlite Oil Company

Initial Gradient tes



FieldNotes

Field Measurements

Date	Clock	Time	Comments	Tubing		Casing		Meter1	Static1	Orifice1	Gas1	Cum.
				Pres	psi(g)	Pres	psi(g)	°F	Pres	psi(g)	in	MMCF/D
2003/07/15	10:10:00		battery on									
	10:15:00	0										
	10:26:00	3000										
	10:34:00	4000										
	10:43:00	4500										
	10:49:00	4700										
	10:57:00	4750										
	11:05:00	4950										
	11:10:00	5000										
	11:16:00	5050										
	11:22:00	5100										
	11:28:00	5117										
	12:13:00			888.00	854.00	98.00	131.00	0.500	0.665	0.057		
	12:28:00			852.00	851.00	99.00	108.00		0.558	0.063		
	12:43:00			806.00	845.00	97.00	121.00		0.619	0.069		
	12:58:00	1st pt										
	12:58:00			764.00	847.11	101.00	114.00		0.585	0.076		
	13:13:00			504.00	806.70	90.00	117.40	0.750	1.340	0.086		
	13:28:00			484.00	791.00	92.30	126.70		1.433	0.100		
	13:43:00			500.00	787.50	97.10	125.50		1.415	0.115		
	13:58:00	2nd pt										
	13:58:00			506.00	784.60	96.00	125.60		1.417	0.130		
	14:13:00			376.00	756.00	89.00	48.00	1.250	1.830	0.147		
	14:28:00			366.00	749.00	88.00	46.00		1.772	0.165		
	14:43:00			366.00	744.90	87.40	47.14		1.807	0.184		
	14:58:00	3rd pt										
	14:58:00			365.00	741.50	86.90	47.50		1.819	0.203		
	15:13:00			297.00	728.00	87.00	51.00		1.924	0.222		

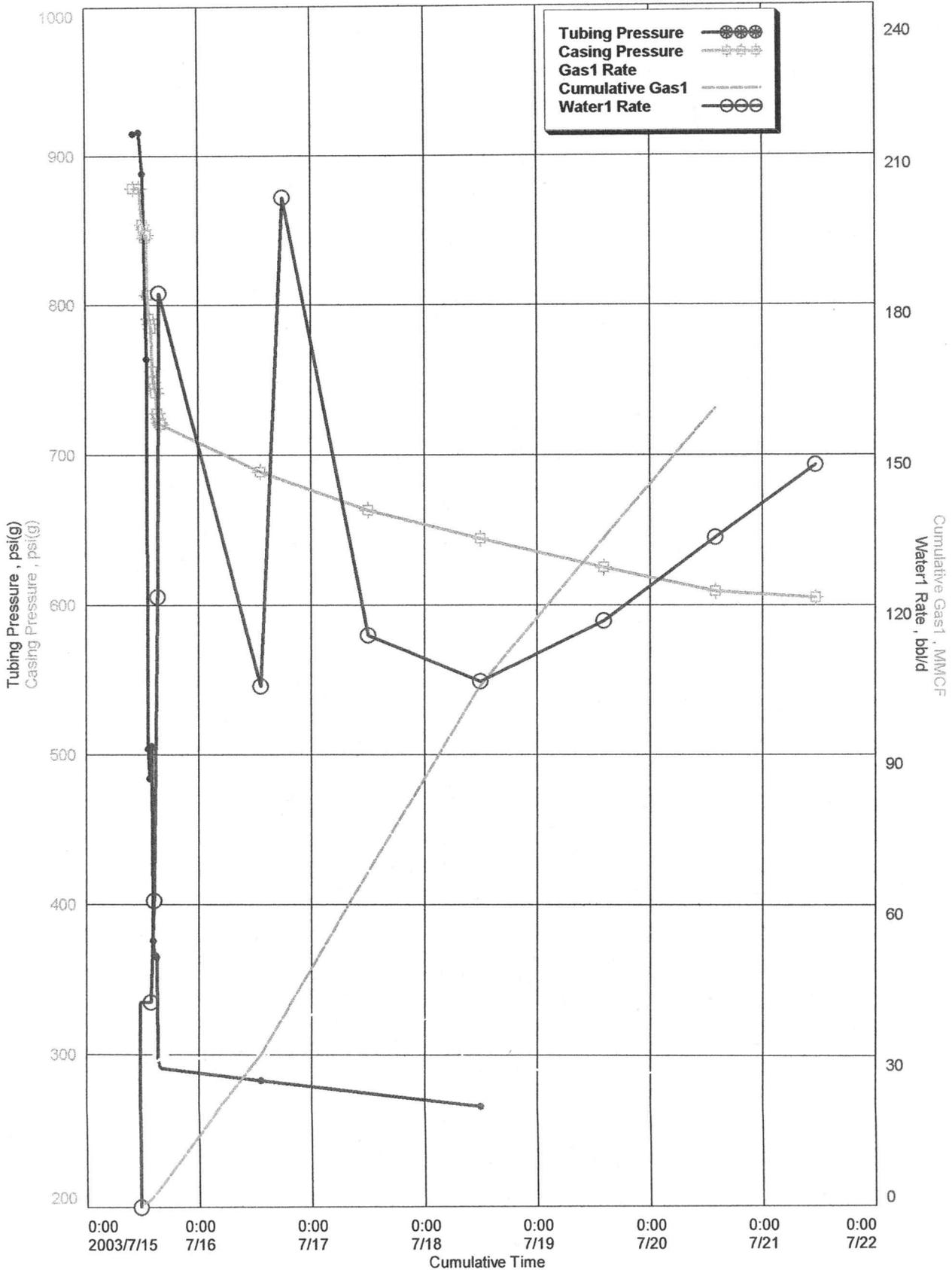
2003/07/15 10:10:00 To 2003/07/16 13:15:00
Gas 0.283 Cum. 0.283 MMCF

FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing		Casing		Meter1	Static1	Orifice1	Gas1	Cum.
			Pres	psi(g)	Pres	psi(g)	Temp °F	Pres		psi(g)	
yyyy/mm/dd	hh:mm:ss								in	MMCF/D	MMCF
29	2003/07/15	15:28:00		293.00	725.00	86.40	51.80			1.949	0.243
30		15:43:00		292.00	722.00	86.70	51.60			1.943	0.263
31		15:58:00	4th pt								
32		15:58:00		291.00	720.69	86.20	52.57			1.973	0.283
33	2003/07/16	13:15:00	1pt								
34		13:15:00		283.00	688.59	88.14	50.84			1.917	2.008
35											

2003/07/15 10:10:00 To 2003/07/16 13:15:00
 Gas 0.283 Cum. 0.283 MMCF

Plot



Starlite Oil Company
 11-19s-43w Greeley KS
 Start Test Date: 2003/07/15
 Final Test Date: 2003/07/30

Koehn #1

	From Date		Clock Time		To Date		Daily Cum.		Daily Cum.		Daily Cum.		Daily Cum.		Daily Cum.	
	yyyy/mm/dd	hh:mm:ss	yyyy/mm/dd	hh:mm:ss	Time	Time	yyyy/mm/dd	MMCF	Gas	Oil	Water	Cond.	MMCF	Gas	Oil	Water
1	2003/07/15	10:10:00	2003/07/16	13:15:00	13:15:00	13:15:00	0.283	0.283			13.300					13.300
2	2003/07/16	13:15:00	2003/07/17	12:00:00	12:00:00	12:00:00	1.725	2.008			218.500					231.800
3	2003/07/17	12:00:00	2003/07/18	11:57:00	11:57:00	11:57:00	3.566	5.574			104.500					336.300
4	2003/07/18	11:57:00	2003/07/19	12:00:00	12:00:00	12:00:00	0.000	5.574			127.300					463.600
5	2003/07/19	12:00:00	2003/07/20	12:00:00	12:00:00	12:00:00	0.000	5.574			133.000					596.600
6	2003/07/20	12:00:00	2003/07/21	12:00:00	12:00:00	12:00:00	0.000	5.574			142.500					739.100

Print Filter Used: Nth Line = -1.000



FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing Pres	Casing Pres	Static1 Pres	Meter1 Temp	Orifice1 in	Gas1 Rate	Cum. Gas1
yyyy/mm/dd	hh:mm:ss		psi(g)	psi(g)	psi(g)	°F		MMCF/D	MMCF
1	2003/07/15	09:50:10		878.27	-0.64	86.24			
2	2003/07/15	10:09:55		877.81	-0.81	90.44			
3	2003/07/15	10:10:00	battery on gauge						
4	2003/07/15	10:10:05		877.80	-0.81	90.48			
5	2003/07/15	10:15:00		877.98	-0.82	91.18			
6	2003/07/15	10:15:05	0						
7	2003/07/15	10:15:10		877.99	-0.82	91.24			
8	2003/07/15	10:25:55		878.01	-0.81	94.92			
9	2003/07/15	10:26:00	3000'						
10	2003/07/15	10:26:05		877.90	-0.81	94.83			
11	2003/07/15	10:33:55		877.84	-0.81	96.49			
12	2003/07/15	10:34:00	4000'						
13	2003/07/15	10:34:05		877.89	-0.82	96.49			
14	2003/07/15	10:42:55		878.19	-0.77	94.35		0.000	0.000
15	2003/07/15	10:43:00	4500'						
16	2003/07/15	10:43:05		878.20	-0.76	94.12		0.000	0.000
17	2003/07/15	10:48:55		878.21	-0.76	94.23		0.000	0.000
18	2003/07/15	10:49:00	4700'						
19	2003/07/15	10:49:05		878.21	-0.75	94.28		0.000	0.000
20	2003/07/15	10:56:55		878.20	-0.75	96.03		0.000	0.000
21	2003/07/15	10:57:00	4750						
22	2003/07/15	10:57:05		878.20	-0.74	95.99		0.000	0.000
23	2003/07/15	11:04:55		878.24	-0.74	96.05		0.000	0.000
24	2003/07/15	11:05:00	4950						
25	2003/07/15	11:05:05		878.25	-0.75	96.06		0.000	0.000
26	2003/07/15	11:09:55		878.24	-0.76	96.85		0.000	0.000
27	2003/07/15	11:10:00	5000						
28	2003/07/15	11:10:05		878.24	-0.75	96.91		0.000	0.000

2003/07/15 09:50:10 To 2003/07/16 06:00:00
Gas 1.397 Cum. 1.397 MMCF

FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing Pres psi(g)	Casing Pres psi(g)	Static1 Pres psi(g)	Meter1 Temp °F	Orifice1 in	Gas1 Rate MMCF/D	Cum. Gas1 MMCF
29	2003/07/15	11:16:00		878.29	-0.72	95.83		0.000	0.000
30	2003/07/15	11:16:05 5050							
31	2003/07/15	11:16:10		878.27	-0.73	95.81		0.000	0.000
32	2003/07/15	11:21:55		878.29	-0.76	96.61		0.000	0.000
33	2003/07/15	11:22:00 5100							
34	2003/07/15	11:22:05		878.30	-0.74	96.65		0.000	0.000
35	2003/07/15	11:27:55		878.31	-0.77	97.61		0.000	0.000
36	2003/07/15	11:28:00 5117							
37	2003/07/15	11:28:05	915.00	878.31	-0.74	97.64		0.000	0.000
38	2003/07/15	11:54:15		878.17	-0.75	103.56		0.000	0.000
39	2003/07/15	11:54:20 opened well							
40	2003/07/15	11:54:25		877.65	6.74	103.54	0.500	0.069	3.989e-6
41	2003/07/15	12:57:55		807.50	106.74	94.61		1.209	0.031
42	2003/07/15	12:58:00 1st pt							
43	2003/07/15	12:58:05	764.00	807.67	105.99	94.46		1.202	0.031
44	2003/07/15	13:14:25		173.23	126.85	90.29		1.419	0.047
45	2003/07/15	13:14:30 hose came unhooked							
46	2003/07/15	13:14:35		-0.64	127.66	90.38		1.427	0.047
47	2003/07/15	13:16:50		-0.54	124.92	91.52		1.398	0.049
48	2003/07/15	13:16:55 attached hose							
49	2003/07/15	13:17:00		790.35	125.15	91.60		1.400	0.049
50	2003/07/15	13:47:20		784.51	125.57	95.82		1.399	0.079
51	2003/07/15	13:47:25 2nd pt							
52	2003/07/15	13:47:30		784.47	59.51	95.57		0.731	0.079
53	2003/07/15	13:50:10		794.35	35.70	90.76		1.440	0.081
54	2003/07/15	14:48:10	365.00	741.46	47.50	86.91		1.795	0.151
55	2003/07/15	14:48:15 3rd pt							
56	2003/07/15	14:48:20		741.42	50.75	86.91		1.892	0.152

2003/07/15 09:50:10 To 2003/07/16 06:00:00
Gas 1.397 Cum. 1.397 MMCF

FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing Pres	Casing Pres	Static1 Pres	Meter1 Temp	Orifice1 in	Gas1 Rate	Cum. Gas1
57	2003/07/15	17:50:15		711.60	52.73	83.06		1.958	0.397
58	2003/07/15	21:50:15		704.80	53.06	74.14		1.985	0.725
59	2003/07/16	01:50:20		700.26	52.08	71.15		1.961	1.055
60	2003/07/16	05:50:20		695.89	52.26	67.37		1.973	1.384
61	2003/07/16	09:50:20		691.66	52.21	78.05		1.952	1.709
62	2003/07/16	13:50:20		687.35	51.36	89.12		1.906	2.030
63	2003/07/16	17:50:20		683.35	51.30	85.82		1.910	2.348
64	2003/07/16	21:50:25		679.06	50.30	75.58		1.899	2.664
65	2003/07/17	01:50:25		675.05	49.19	72.60		1.871	2.977
66	2003/07/17	05:50:25		671.09	48.76	68.82		1.865	3.288
67	2003/07/17	09:50:25		667.29	48.27	82.52		1.826	3.595
68	2003/07/17	13:51:00		663.72	48.14	89.89		1.810	3.898
69	2003/07/17	17:52:00		659.73	47.45	86.27		1.795	4.200
70	2003/07/17	21:53:00		655.94	46.51	74.36		1.787	4.499
71	2003/07/18	01:54:00		652.03	44.96	72.25		1.744	4.795
72	2003/07/18	05:55:00		648.47	44.61	67.94		1.741	5.088
73	2003/07/18	09:56:00		645.60	44.82	82.33		1.723	5.378
74	2003/07/18	13:57:00		642.51	46.48	89.79		1.761	5.668
75	2003/07/18	17:58:00		639.69	46.46	86.54		1.765	5.965
76	2003/07/18	21:59:00		636.70	43.84	74.73		1.706	6.259
77	2003/07/19	02:00:00		633.99	43.29	70.60		1.696	6.544
78	2003/07/19	06:01:00		631.30	42.78	71.75		1.679	6.828
79	2003/07/19	10:02:00		628.63	43.83	78.79		1.699	7.110
80	2003/07/19	14:03:00		625.83	49.12	90.54		1.837	7.403
81	2003/07/19	18:04:00		622.88	51.29	89.65		1.903	7.720
82	2003/07/19	22:05:00		619.98	51.65	78.96		1.933	8.040
83	2003/07/20	02:06:00		617.26	50.15	74.71		1.896	8.352
84	2003/07/20	06:07:00		614.55	48.70	72.79		1.856	8.672

2003/07/15 09:50:10 To 2003/07/16 06:00:00
Gas 1.397 Cum. 1.397 MMCF

FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing Pres	Casing Pres	Static Pres	Meter1 Temp	Orifice1 in	Gas1 Rate	Cum. Gas1
yyyy/mm/dd	hh:mm:ss		psi(g)	psi(g)	psi(g)	°F		MMCF/D	MMCF
85	2003/07/20	10:08:00		612.50	47.20	87.37		1.786	8.976
86	2003/07/20	14:09:00		609.90	41.73	91.98		1.616	9.256
87	2003/07/20	18:10:00		607.24	39.83	87.14		1.567	9.527
88	2003/07/20	22:10:00		604.82	39.27	75.09		1.568	9.789
89	2003/07/21	02:10:00		602.03	42.82	71.74		1.680	10.061
90	2003/07/21	06:10:00		599.51	45.23	72.20		1.752	10.347
91	2003/07/21	10:10:00		597.30	43.27	87.94		1.668	10.649
92	2003/07/21	11:15:00		605.20	-0.55	90.84		0.000	10.722
93	2003/07/21	11:16:00	shutin well						
94	2003/07/21	11:17:00		-0.42					
95	2003/07/21	14:10:00	653.14	697.91					
96	2003/07/21	18:10:00	656.76	701.90					
97	2003/07/21	22:10:00	658.01	703.26					
98	2003/07/22	02:10:00	658.86	704.04					
99	2003/07/22	06:10:00	659.44	704.60					
100	2003/07/22	10:10:00	660.12	705.09					
101	2003/07/22	14:10:00	660.42	705.38					
102	2003/07/22	18:10:00	660.77	705.64					
103	2003/07/22	22:10:00	660.84	705.64					
104	2003/07/23	02:10:00	661.07	705.77					
105	2003/07/23	06:10:00	661.32	705.91					
106	2003/07/23	10:10:00	661.74	706.18					
107	2003/07/23	14:10:00	661.94	706.38					
108	2003/07/23	18:10:00	662.09	706.40					
109	2003/07/23	22:10:00	662.10	706.33					
110	2003/07/24	02:10:00	662.27	706.41					
111	2003/07/24	06:10:00	662.49	706.55					
112	2003/07/24	10:10:00	662.83	706.69					

2003/07/20 06:00:00 To 2003/07/21 06:00:00
 Gas 1.672 Cum. 10.335 MMCF



FieldNotes Field Measurements

Date	Clock Time	Comments	Tubing Pres	Casing Pres	Static1 Pres	Meter1 Temp	Orifice1	Gas1 Rate	Cum. Gas1
yyyy/mm/dd	hh:mm:ss		psi(g)	psi(g)	psi(g)	°F	in	MMCF/D	MMCF
113	2003/07/24	14:10:00	662.94	706.82					
114	2003/07/24	18:10:00	663.21	706.93					
115	2003/07/24	22:10:00	663.21	706.88					
116	2003/07/25	02:10:00	663.36	706.93					
117	2003/07/25	06:10:00	663.53	706.98					
118	2003/07/25	10:10:00	663.80	707.11					
119	2003/07/25	14:10:00	664.01	707.26					
120	2003/07/25	18:10:00	664.23	707.29					
121	2003/07/25	22:10:00	664.24	707.23					
122	2003/07/26	02:10:00	664.37	707.26					
123	2003/07/26	06:11:00	664.53	707.31					
124	2003/07/26	10:12:00	664.76	707.33					
125	2003/07/26	14:13:00	664.94	707.51					
126	2003/07/26	18:14:00	665.15	707.57					
127	2003/07/26	22:15:00	665.17	707.48					
128	2003/07/27	02:16:00	665.31	707.53					
129	2003/07/27	06:17:00	665.46	707.57					
130	2003/07/27	10:18:00	665.75	707.65					
131	2003/07/27	14:19:00	665.98	707.80					
132	2003/07/27	18:20:00	665.94	707.73					
133	2003/07/27	22:21:00	666.06	707.72					
134	2003/07/28	02:22:00	666.17	707.75					
135	2003/07/28	06:23:00	666.33	707.83					
136	2003/07/28	10:25:00	666.55	707.90					
137	2003/07/28	14:25:00	666.73	708.02					
138	2003/07/28	18:25:00	666.70	707.92					
139	2003/07/28	22:25:00	666.85	707.97					
140	2003/07/29	02:27:00	666.99	707.98					

2003/07/24 06:00:00 To 2003/07/25 06:00:00
Gas 0.000 Cum. 10.722 MMCF

Starlite Oil Company
Surface pressure readings

FieldNotes Field Measurements

Date	Clock	Time	Comments	Tubing	Casing	Static1	Meter1	Orifice1	Gas1	Cum.
yyyy/mm/dd	hh:mm:ss			Pres	Pres	Pres	Temp	in	Rate	Gas1
				psi(g)	psi(g)	psi(g)	°F		MMCF/D	MMCF
141	2003/07/29	06:27:00		667.14	708.02					
142	2003/07/29	07:59:00		667.25	708.05					

2003/07/29 06:01:00 To 2003/07/29 07:59:00
Gas 0.000 Cum. 10.722 MMCF