

15-055-21502

22-23s-34w

**WELL NAME:** Garden City S-14  
**COMPANY:** Oxy USA, Inc.  
**LOCATION:** Sec. 22 Twp. 23S Rge. 34W  
Finney County Kansas  
**DATE:** 10-29-96

TRILOBITE TESTING L.L.C.

OPERATOR : OXY USA ,Inc. DATE 10-25-96  
 WELL NAME: Garden City S-14 KB 2952.00 ft TICKET NO: 9554 DST #1  
 LOCATION : 22-23s-34w Finney KS GR 2941.00 ft FORMATION: Morrow  
 INTERVAL : 4626.00 To 4720.00 ft TD 4720.00 ft TEST TYPE: CONVENTIONAL

RECORDER DATA

Mins	Field	1	2	3	4	TIME DATA-----
PF 30 Rec.	13339	13339	2341			PF Fr. 1810 to 1840 hr
SI 60 Range(Psi )	4025.0	4025.0	4995.0	0.0	0.0	IS Fr. 1840 to 1940 hr
SF 60 Clock(hrs)	12HR	12HR	elec.			SF Fr. 1940 to 2040 hr
FS 120 Depth(ft )	4715.0	4715.0	4628.0	0.0	0.0	FS Fr. 2040 to 2240 hr

	Field	1	2	3	4	
A. Init Hydro	2283.0	2280.0	2198.0	0.0	0.0	T STARTED 1540 hr
B. First Flow	62.0	108.0	22.0	0.0	0.0	T ON BOTM 1808 hr
B1. Final Flow	62.0	108.0	29.0	0.0	0.0	T OPEN 1810 hr
C. In Shut-in	104.0	144.0	71.0	0.0	0.0	T PULLED 2240 hr
D. Init Flow	72.0	111.0	32.0	0.0	0.0	T OUT 0130 hr
E. Final Flow	72.0	111.0	34.0	0.0	0.0	
F. Fl Shut-in	104.0	130.0	65.0	0.0	0.0	TOOL DATA-----
G. Final Hydro	2243.0	2260.0	2181.0	0.0	0.0	Tool Wt. 2500.00 lbs
Inside/Outside	0	0	I			Wt Set On Packer 30000.00 lbs
						Wt Pulled Loose 84000.00 lbs
						Initial Str Wt 80000.00 lbs
						Unseated Str Wt 80000.00 lbs
						Bot Choke 0.75 in
						Hole Size 7.88 in
						D Col. ID 2.25 in
						D. Pipe ID 3.80 in
						D.C. Length 563.00 ft
						D.P. Length 4056.00 ft
						H.W. I.D 2.70 in

RECOVERY

Tot Fluid 20.00 ft of 20.00 ft in DC and 0.00 ft in DP  
 20.00 ft of Drilling Mud  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of  
 0.00 ft of

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

BLOW DESCRIPTION

Initial Flow -  
 Weak surface blow - died in 15 min.

Final Flow -  
 No return blow

SAMPLES:  
 SENT TO:

MUD DATA-----  
 Mud Type Chemical  
 Weight 9.00 lb/cf  
 Vis. 46.00 S/L  
 W.L. 8.80 in3  
 F.C. 0.00 in  
 Mud Drop N  
 Amt. of fill 0.00 ft  
 Btm. H. Temp. 113.00 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. Tim Hedrick  
 Contr. Cheyenne  
 Rig # 1  
 Unit #  
 Pump T.

Test Successful: Y

\*\*\* TOOL DIAGRAM \*\*\* CONVENTIONAL

WELL NAME: Garden City S-14	P.O. SUB 1' above 120' DC	4479
	C.O. SUB 1'	4599
LOCATION : 22-23s-34w Finney KS	S.I. TOOL 5'	4605
TICKET No. 9554 D.S.T. No. 1 DATE 10-25-96		
TOTAL TOOL TO BOTTOM OF TOP PACKERS ..... 27	HMV 5'	4610
INTERVAL TOOL ..... 31		
BOTTOM PACKERS AND ANCHOR .....	JARS 5'	4615
TOTAL TOOL ..... 58		
DRILL COLLAR ANCHOR IN INTERVAL .....		
D.C. ANCHOR STND.Stands1 Single Total 63	SAFETY JOINT 2'	4617
D.P. ANCHOR STND.Stands Single Total	PACKER 5'	4622
TOTAL ASSEMBLY ..... 121	PACKER 4'	4626
D.C. ABOVE TOOLS.Stands9 Single 1 Total 563	DEPTH	
D.P. ABOVE TOOLS.Stands65 Single 1 Total 4056	STUBB 1'	4627
	ANCHOR	
TOTAL DRILL COLLARS DRILL PIPE & TOOLS .. 4740	Alp Rec. @	4628
	23' Perf	4650
TOTAL DEPTH ..... 4720	1' CO Sub	4651
	63' DC	4714
TOTAL DRILL PIPE ABOVE K.B. .... 20	1' CO Sub	4715
REMARKS:		
	T.C.	
	DEPTH	
	BULLNOSE 5' w/AK-1 Rec. @	4715
	T.D.	4720

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 ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9554 DST #1 Garden City S 14 OXY USA

DATE: 10/25/96

TIME: 15:40:48  
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	Time	Pressure PSig	delta P PSig	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
***** Initial Hydro.	148.00	2198.3	0.0	109.21		
***** Start Flow 1	0.00	22.9	0.0	109.16		
	1.00	24.0	1.1	109.16		
	2.00	24.6	1.8	109.14		
	3.00	25.1	2.2	109.10		
	4.00	25.3	2.5	109.04		
	5.00	25.6	2.7	109.01		
	6.00	25.8	2.9	108.98		
	7.00	26.0	3.2	108.96		
	8.00	26.3	3.4	108.94		
	9.00	26.5	3.6	108.93		
	10.00	26.7	3.8	108.93		
	11.00	26.9	4.0	108.93		
	12.00	27.0	4.1	108.94		
	13.00	27.2	4.3	108.94		
	14.00	27.3	4.4	108.95		
	15.00	27.6	4.7	108.97		
	16.00	27.6	4.7	108.98		
	17.00	27.7	4.8	109.00		
	18.00	27.9	5.0	109.01		
	19.00	28.0	5.1	109.03		
	20.00	28.1	5.2	109.05		
	21.00	28.2	5.3	109.07		
	22.00	28.3	5.4	109.09		
	23.00	28.4	5.5	109.11		
	24.00	28.5	5.6	109.13		
	25.00	28.7	5.8	109.15		
	26.00	28.7	5.9	109.17		
	27.00	28.9	6.0	109.19		
	28.00	29.0	6.1	109.21		
	29.00	29.1	6.2	109.23		
	30.00	29.0	6.1	109.25		
***** End Flow 1	31.00	29.8	7.0	109.26		
***** Start Shutin 1	0.00	29.8	0.0	109.26	0.0000	0.001
	1.00	30.5	0.6	109.30	32.0000	0.001
	2.00	31.3	1.4	109.32	16.5000	0.001
	3.00	31.9	2.1	109.34	11.3333	0.001
	4.00	32.8	2.9	109.35	8.7500	0.001
	5.00	33.4	3.6	109.38	7.2000	0.001
	6.00	34.2	4.3	109.40	6.1667	0.001
	7.00	34.9	5.0	109.42	5.4286	0.001
	8.00	35.6	5.7	109.44	4.8750	0.001
	9.00	36.3	6.5	109.46	4.4444	0.001
	10.00	37.0	7.1	109.47	4.1000	0.001
	11.00	37.6	7.8	109.49	3.8182	0.001
	12.00	38.3	8.5	109.51	3.5833	0.001
	13.00	39.0	9.2	109.54	3.3846	0.002
	14.00	39.7	9.9	109.56	3.2143	0.002
	15.00	40.4	10.6	109.58	3.0667	0.002
	16.00	41.3	11.4	109.61	2.9375	0.002
	17.00	41.9	12.1	109.62	2.8235	0.002

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18.00	42.5	12.7	109.65	2.7222	0.002	
19.00	43.2	13.4	109.67	2.6316	0.002	
20.00	43.9	14.1	109.68	2.5500	0.002	
21.00	44.6	14.8	109.71	2.4762	0.002	
22.00	45.3	15.4	109.73	2.4091	0.002	
23.00	46.0	16.1	109.75	2.3478	0.002	
24.00	46.6	16.8	109.77	2.2917	0.002	
25.00	47.4	17.5	109.80	2.2400	0.002	
26.00	48.0	18.2	109.82	2.1923	0.002	
27.00	48.8	18.9	109.85	2.1481	0.002	
28.00	49.4	19.6	109.87	2.1071	0.002	
29.00	50.2	20.3	109.89	2.0690	0.003	
30.00	50.7	20.9	109.90	2.0333	0.003	
31.00	51.4	21.6	109.93	2.0000	0.003	
32.00	52.1	22.3	109.95	1.9688	0.003	
33.00	52.8	23.0	109.98	1.9394	0.003	
34.00	53.5	23.7	110.00	1.9118	0.003	
35.00	54.2	24.4	110.02	1.8857	0.003	
36.00	54.9	25.1	110.04	1.8611	0.003	
37.00	55.6	25.7	110.06	1.8378	0.003	
38.00	56.3	26.5	110.09	1.8158	0.003	
39.00	56.9	27.1	110.11	1.7949	0.003	
40.00	57.6	27.8	110.12	1.7750	0.003	
41.00	58.3	28.5	110.15	1.7561	0.003	
42.00	59.1	29.2	110.17	1.7381	0.003	
43.00	59.7	29.9	110.19	1.7209	0.004	
44.00	60.5	30.6	110.20	1.7045	0.004	
45.00	61.1	31.3	110.23	1.6889	0.004	
46.00	62.0	32.1	110.25	1.6739	0.004	
47.00	62.6	32.7	110.27	1.6596	0.004	
48.00	63.4	33.5	110.29	1.6458	0.004	
49.00	64.1	34.2	110.32	1.6327	0.004	
50.00	64.8	35.0	110.34	1.6200	0.004	
51.00	65.5	35.6	110.35	1.6078	0.004	
52.00	66.2	36.4	110.38	1.5962	0.004	
53.00	66.9	37.1	110.40	1.5849	0.004	
54.00	67.7	37.8	110.42	1.5741	0.005	
55.00	68.4	38.5	110.44	1.5636	0.005	
56.00	69.1	39.3	110.45	1.5536	0.005	
57.00	69.8	40.0	110.48	1.5439	0.005	
58.00	70.6	40.7	110.49	1.5345	0.005	
***** End Shut-in 1	59.00	71.1	41.3	110.52	1.5254	0.005
***** Start Flow 2	0.00	32.0	0.0	110.53		
	1.00	32.3	0.3	110.49		
	2.00	32.5	0.5	110.46		
	3.00	32.6	0.6	110.42		
	4.00	32.7	0.6	110.40		
	5.00	32.7	0.7	110.38		
	6.00	32.8	0.7	110.39		
	7.00	32.9	0.9	110.39		
	8.00	33.0	1.0	110.39		

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9.00	33.0	1	110.41		
10.00	33.1	1.0	110.44		
11.00	33.1	1.1	110.48		
12.00	33.1	1.1	110.48		
13.00	33.1	1.1	110.51		
14.00	33.2	1.2	110.54		
15.00	33.2	1.2	110.55		
16.00	33.2	1.2	110.59		
17.00	33.3	1.2	110.60		
18.00	33.4	1.3	110.65		
19.00	33.4	1.3	110.66		
20.00	33.4	1.4	110.71		
21.00	33.4	1.4	110.71		
22.00	33.5	1.5	110.74		
23.00	33.5	1.5	110.78		
24.00	33.6	1.6	110.81		
25.00	33.7	1.7	110.82		
26.00	33.6	1.6	110.87		
27.00	33.7	1.7	110.89		
28.00	33.8	1.8	110.93		
29.00	33.8	1.7	110.93		
30.00	33.8	1.8	110.96		
31.00	33.9	1.9	110.98		
32.00	33.9	1.9	111.01		
33.00	34.0	1.9	111.03		
34.00	34.0	2.0	111.06		
35.00	34.0	2.0	111.08		
36.00	34.1	2.0	111.09		
37.00	34.1	2.1	111.13		
38.00	34.1	2.1	111.15		
39.00	34.2	2.1	111.17		
40.00	34.2	2.1	111.17		
41.00	34.2	2.2	111.21		
42.00	34.2	2.2	111.25		
43.00	34.4	2.4	111.27		
44.00	34.4	2.4	111.26		
45.00	34.4	2.4	111.30		
46.00	34.5	2.5	111.30		
47.00	34.5	2.5	111.32		
48.00	34.5	2.5	111.37		
49.00	34.5	2.5	111.38		
50.00	34.6	2.5	111.41		
51.00	34.6	2.6	111.42		
52.00	34.6	2.6	111.43		
53.00	34.7	2.7	111.47		
54.00	34.8	2.7	111.49		
55.00	34.8	2.7	111.49		
56.00	34.8	2.8	111.53		
57.00	34.8	2.8	111.54		
58.00	34.9	2.9	111.55		
59.00	34.6	2.5	111.58		

\*\*\*\*\* End Flow 2

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***** Start Shutin 2	0.00	34.6	0.0	111.58	0.0000	0.001
	1.00	35.1	0.5	111.59	91.0000	0.001
	2.00	35.4	0.8	111.62	46.0000	0.001
	3.00	35.7	1.1	111.65	31.0000	0.001
	4.00	35.9	1.4	111.65	23.5000	0.001
	5.00	36.2	1.6	111.67	19.0000	0.001
	6.00	36.5	1.9	111.70	16.0000	0.001
	7.00	36.7	2.2	111.70	13.8571	0.001
	8.00	36.9	2.4	111.72	12.2500	0.001
	9.00	37.2	2.7	111.73	11.0000	0.001
	10.00	37.5	3.0	111.76	10.0000	0.001
	11.00	37.8	3.2	111.78	9.1818	0.001
	12.00	38.1	3.5	111.80	8.5000	0.001
	13.00	38.3	3.7	111.81	7.9231	0.001
	14.00	38.6	4.0	111.83	7.4286	0.001
	15.00	38.9	4.3	111.85	7.0000	0.002
	16.00	39.1	4.5	111.85	6.6250	0.002
	17.00	39.3	4.8	111.87	6.2941	0.002
	18.00	39.6	5.0	111.90	6.0000	0.002
	19.00	39.9	5.3	111.91	5.7368	0.002
	20.00	40.1	5.5	111.93	5.5000	0.002
	21.00	40.3	5.8	111.94	5.2857	0.002
	22.00	40.6	6.1	111.96	5.0909	0.002
	23.00	40.8	6.3	111.98	4.9130	0.002
	24.00	41.2	6.6	112.00	4.7500	0.002
	25.00	41.4	6.9	112.03	4.6000	0.002
	26.00	41.8	7.2	112.03	4.4615	0.002
	27.00	41.9	7.3	112.04	4.3333	0.002
	28.00	42.1	7.6	112.07	4.2143	0.002
	29.00	42.4	7.8	112.07	4.1034	0.002
	30.00	42.6	8.0	112.08	4.0000	0.002
	31.00	42.9	8.4	112.11	3.9032	0.002
	32.00	43.2	8.7	112.13	3.8125	0.002
	33.00	43.5	9.0	112.14	3.7273	0.002
	34.00	43.8	9.2	112.16	3.6471	0.002
	35.00	44.0	9.4	112.17	3.5714	0.002
	36.00	44.2	9.7	112.19	3.5000	0.002
	37.00	44.6	10	112.21	3.4324	0.002
	38.00	44.8	10.3	112.23	3.3684	0.002
	39.00	45.0	10.5	112.23	3.3077	0.002
	40.00	45.3	10.7	112.26	3.2500	0.002
	41.00	45.6	11.0	112.27	3.1951	0.002
	42.00	45.9	11.3	112.30	3.1429	0.002
	43.00	46.1	11.5	112.30	3.0930	0.002
	44.00	46.4	11.8	112.32	3.0455	0.002
	45.00	46.6	12.0	112.34	3.0000	0.002
	46.00	46.9	12.4	112.36	2.9565	0.002
	47.00	47.2	12.6	112.36	2.9149	0.002
	48.00	47.3	12.8	112.38	2.8750	0.002
	49.00	47.7	13.1	112.39	2.8367	0.002
	50.00	47.9	13.4	112.42	2.8000	0.002

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51.00	48.2	13.6	112.43	2.7647	0.002
52.00	48.5	13.9	112.43	2.7308	0.002
53.00	48.7	14.2	112.45	2.6981	0.002
54.00	49.0	14.4	112.48	2.6667	0.002
55.00	49.2	14.7	112.49	2.6364	0.002
56.00	49.4	14.9	112.51	2.6071	0.002
57.00	49.7	15.2	112.52	2.5789	0.002
58.00	50.0	15.4	112.54	2.5517	0.002
59.00	50.3	15.8	112.55	2.5254	0.003
60.00	50.5	16.0	112.57	2.5000	0.003
61.00	50.8	16.3	112.58	2.4754	0.003
62.00	51.1	16.6	112.60	2.4516	0.003
63.00	51.4	16.8	112.61	2.4286	0.003
64.00	51.6	17.1	112.62	2.4062	0.003
65.00	51.9	17.3	112.64	2.3846	0.003
66.00	52.2	17.7	112.65	2.3636	0.003
67.00	52.5	18.0	112.67	2.3433	0.003
68.00	52.8	18.2	112.68	2.3235	0.003
69.00	53.0	18.5	112.70	2.3043	0.003
70.00	53.3	18.7	112.71	2.2857	0.003
71.00	53.5	19.0	112.73	2.2676	0.003
72.00	53.9	19.3	112.74	2.2500	0.003
73.00	54.1	19.5	112.75	2.2329	0.003
74.00	54.4	19.8	112.77	2.2162	0.003
75.00	54.7	20.1	112.78	2.2000	0.003
76.00	55.0	20.5	112.81	2.1842	0.003
77.00	55.3	20.7	112.81	2.1688	0.003
78.00	55.5	20.9	112.82	2.1538	0.003
79.00	55.8	21.3	112.84	2.1392	0.003
80.00	56.0	21.5	112.85	2.1250	0.003
81.00	56.4	21.8	112.87	2.1111	0.003
82.00	56.7	22.2	112.89	2.0976	0.003
83.00	56.9	22.3	112.90	2.0843	0.003
84.00	57.2	22.7	112.92	2.0714	0.003
85.00	57.5	23.0	112.92	2.0588	0.003
86.00	57.9	23.3	112.94	2.0465	0.003
87.00	58.1	23.5	112.96	2.0345	0.003
88.00	58.3	23.8	112.97	2.0227	0.003
89.00	58.7	24.1	112.98	2.0112	0.003
90.00	56.5	21.9	113.00	2.0000	0.003
91.00	56.8	22.2	113.01	1.9890	0.003
92.00	57.1	22.5	113.03	1.9783	0.003
93.00	57.3	22.7	113.04	1.9677	0.003
94.00	57.7	23.1	113.05	1.9574	0.003
95.00	57.9	23.4	113.07	1.9474	0.003
96.00	58.2	23.6	113.09	1.9375	0.003
97.00	58.5	24.0	113.10	1.9278	0.003
98.00	58.8	24.2	113.10	1.9184	0.003
99.00	59.2	24.6	113.11	1.9091	0.003
100.00	59.4	24.9	113.12	1.9000	0.004
101.00	59.7	25.2	113.11	1.8911	0.004

ALPINE SUBSURFACE ELECTRONICS PROBE INCREMENTS LISTING

TEST: 9554 DST #1 Garden City S 14 OXY USA

DATE: 10/25/96 TIME: 15:40:48

	Time	Pressure PSIg	delta P PSIg	Temp. DEG F	(T+dT)/dT	P <sup>2</sup> /10 <sup>6</sup>
	102.00	60.1	25.5	113.12	1.8824	0.004
	103.00	60.3	25.8	113.12	1.8738	0.004
	104.00	60.6	26.1	113.12	1.8654	0.004
	105.00	61.0	26.4	113.13	1.8571	0.004
	106.00	61.3	26.7	113.15	1.8491	0.004
	107.00	61.6	27.0	113.16	1.8411	0.004
	108.00	61.8	27.3	113.19	1.8333	0.004
	109.00	62.1	27.6	113.20	1.8257	0.004
	110.00	62.5	27.9	113.21	1.8182	0.004
	111.00	62.8	28.3	113.23	1.8108	0.004
	112.00	63.1	28.5	113.24	1.8036	0.004
	113.00	63.5	28.9	113.25	1.7965	0.004
	114.00	63.8	29.3	113.27	1.7895	0.004
	115.00	64.0	29.5	113.28	1.7826	0.004
	116.00	64.4	29.9	113.30	1.7759	0.004
	117.00	64.8	30.2	113.31	1.7692	0.004
	118.00	65.0	30.5	113.32	1.7627	0.004
	119.00	65.3	30.7	113.33	1.7563	0.004
***** End Shut-in 2	120.00	65.6	31.1	113.35	1.7500	0.004
***** Final Hydro.	421.00	2181.0	0.0	113.73		

# TEST HISTORY

9554 DST #1 Garden City S 14 OXY USA

## Flag Points

t (Min.)	P (PSig)
A: 0.00	2198.25
B: 0.00	22.89
C: 31.00	29.85
D: 59.00	71.11
E: 0.00	32.03
F: 59.00	34.56
G: 120.00	65.64
Q: 0.00	2181.04

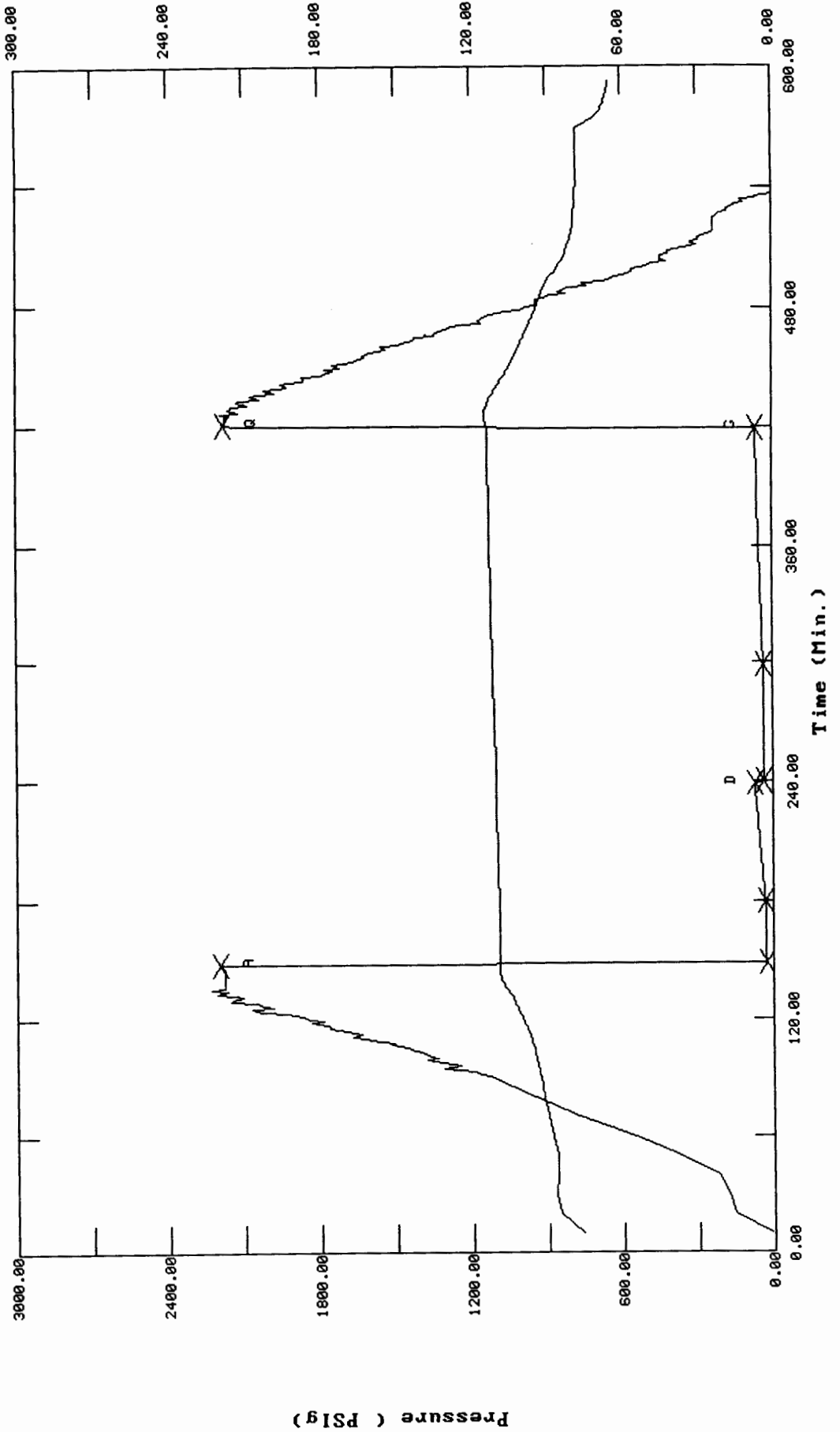
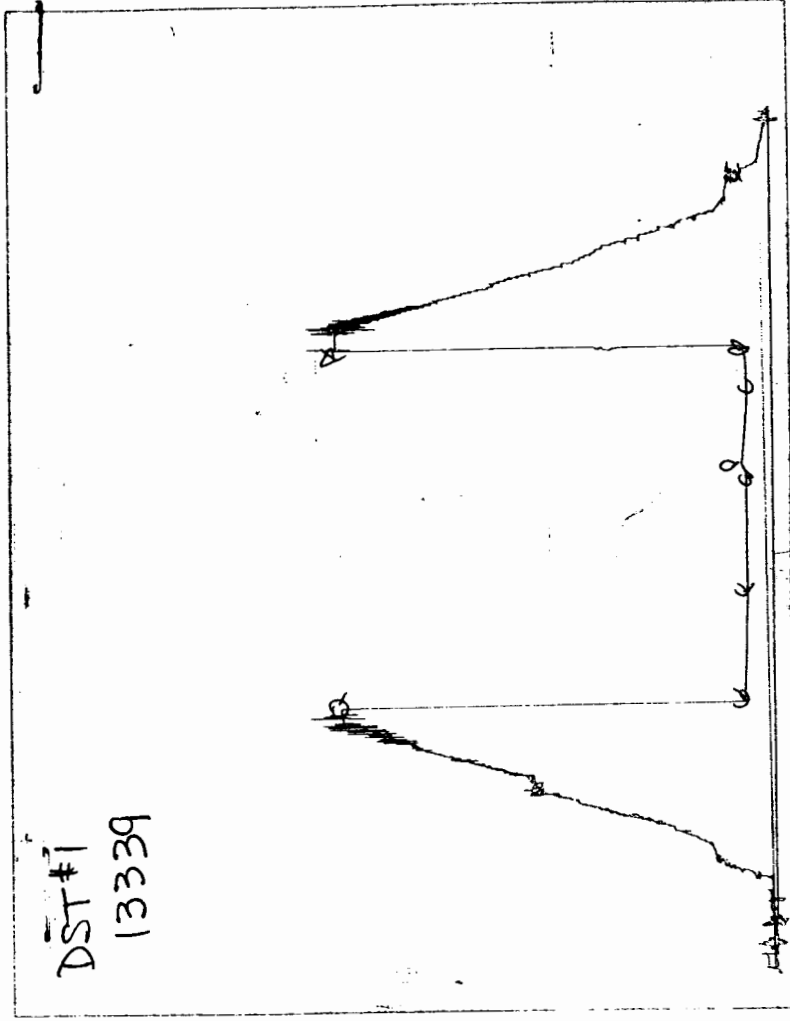


CHART PAGE



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

# TRILOBITE TESTING L.L.C.

P.O. Box 362 • Hays, Kansas 67601

## Test Ticket

No 9554

Well Name & No. Garden City S #14 Test No. 1 Date 10-25-96  
 Company OXY USA Inc Zone Tested Morrow  
 Address P.O. Box 300 Tulsa, OK 74102-2300 Elevation 2952 KB 2941 GL  
 Co. Rep / Geo. Tim Hedrick Cont. Cheyenne # Est. Ft. of Pay      Por.      %  
 Location: Sec. 22 Twp. 23<sup>S</sup> Rge. 34<sup>W</sup> Co. Finney State KS  
 No. of Copies      Distribution Sheet (Y, N) N Turnkey (Y, N) N Evaluation (Y, N)     

Interval Tested 4626 - 4720 Initial Str Wt./Lbs. 80,000 Unseated Str Wt./Lbs. 80,000  
 Anchor Length 94' Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 84,000  
 Top Packer Depth 4621 Tool Weight 2,500  
 Bottom Packer Depth 4626 Hole Size — 7 7/8" Rubber Size — 6 3/4"  
 Total Depth 4720 Wt. Pipe Run      Drill Collar Run XH 563'  
 Mud Wt. 9.0 LCM 2#/bbl Vis. 46 WL 8.8 Drill Pipe Size 4 1/2" XH Ft. Run 4056'  
 Blow Description IF: Weak surface blow died in 15 mins.

FF: No return blow.

Recovery — Total Feet 20' GIP      Ft. in DC 20' Ft. in DP     

Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec. <u>20'</u>	Feet Of <u>Drdg. Mud</u>	%gas	%oil	%water <u>100</u>	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud
Rec.	Feet Of	%gas	%oil	%water	%mud

BHT 113° °F Gravity      °API D@      °F Corrected Gravity      °API

RW      @      °F Chlorides      ppm Recovery Chlorides 2,000 ppm System

(A) Initial Hydrostatic Mud	<u>2283</u>	<u>2198</u>	PSI	Recorder No. <u>2341</u>	T-Started <u>1540</u>
(B) First Initial Flow Pressure	<u>62</u>	<u>22</u>	PSI	(depth) <u>4628</u>	T-Open <u>1810</u>
(C) First Final Flow Pressure	<u>62</u>	<u>29</u>	PSI	Recorder No. <u>13339</u>	T-Pulled <u>2240</u>
(D) Initial Shut-in Pressure	<u>104</u>	<u>71</u>	PSI	(depth) <u>4715</u>	T-Out <u>0130</u>
(E) Second Initial Flow Pressure	<u>72</u>	<u>32</u>	PSI	Recorder No. <u>    </u>	
(F) Second Final Flow Pressure	<u>72</u>	<u>34</u>	PSI	(depth) <u>    </u>	
(G) Final Shut-in Pressure	<u>104</u>	<u>65</u>	PSI	Initial Opening <u>30</u>	Test <u>600</u>
(H) Final Hydrostatic Mud	<u>2243</u>	<u>2181</u>	PSI	Initial Shut-in <u>60</u>	Jars <u>X 200</u>
	<u>AK-1</u>	<u>Alp.</u>		Final Flow <u>60</u>	Safety Joint <u>X 50</u>
				Final Shut-in <u>120</u>	Straddle <u>    </u>

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Approved By     

Our Representative Rod Steinbrink

Circ. Sub X N/C

Sampler     

Extra Packer     

Elect. Rec. X 150

Other     

TOTAL PRICE \$ 1000

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