

D.I.G., INC.

GECKO, INCORPORATED

GECKO STATE 35 #2

LEA COUNTY, NEW MEXICO

Unit 6 35 lbs-37e

Calculated by Minimum Curvature Method

Vert Sect Plane: S 0.00 E

30-025-32861

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
0.00	0.00	N 0.00 E	0.00	0.00	0.00 N	0.00 E	0.00	0.00 N	0.00 E	0.00
100.00	0.50	N 54.12 E	100.00	100.00	0.26 N	0.35 E	-0.26	0.44 N	54.12 E	0.50
200.00	0.50	N 20.40 E	100.00	200.00	0.92 N	0.86 E	-0.92	1.26 N	43.03 E	0.29
300.00	0.75	N 16.68 E	100.00	299.99	1.96 N	1.20 E	-1.96	2.29 N	31.51 E	0.25
400.00	0.75	N 24.96 E	100.00	399.98	3.18 N	1.66 E	-3.18	3.59 N	27.63 E	0.11
500.00	1.00	N 30.25 E	100.00	499.97	4.52 N	2.38 E	-4.52	5.11 N	27.74 E	0.26
600.00	1.00	N 25.53 E	100.00	599.95	6.06 N	3.19 E	-6.06	6.85 N	27.78 E	0.08
700.00	0.25	N 36.80 E	100.00	699.95	7.03 N	3.70 E	-7.03	7.94 N	27.78 E	0.76
800.00	0.50	N 34.08 E	100.00	799.94	7.56 N	4.08 E	-7.56	8.59 N	28.32 E	0.25
900.00	0.25	N 3.64 W	100.00	899.94	8.14 N	4.31 E	-8.14	9.21 N	27.88 E	0.34
1000.00	0.50	N 75.65 E	100.00	999.94	8.47 N	4.72 E	-8.47	9.69 N	29.11 E	0.52
1100.00	0.25	S 82.08 E	100.00	1099.94	8.55 N	5.35 E	-8.55	10.09 N	32.07 E	0.28
1200.00	0.25	S 65.79 E	100.00	1199.94	8.43 N	5.77 E	-8.43	10.21 N	34.40 E	0.07
1300.00	0.25	S 68.11 E	100.00	1299.94	8.26 N	6.17 E	-8.26	10.31 N	36.78 E	0.01
1400.00	0.50	S 48.83 E	100.00	1399.93	7.89 N	6.70 E	-7.89	10.35 N	40.36 E	0.28
1500.00	0.75	S 74.55 E	100.00	1499.93	7.43 N	7.66 E	-7.43	10.67 N	45.90 E	0.37
1600.00	1.00	S 50.27 E	100.00	1599.92	6.69 N	8.96 E	-6.69	11.19 N	53.25 E	0.44
1700.00	0.75	S 55.99 E	100.00	1699.91	5.77 N	10.18 E	-5.77	11.70 N	60.45 E	0.26
1800.00	0.50	S 61.71 E	100.00	1799.90	5.20 N	11.10 E	-5.20	12.26 N	64.92 E	0.26
1900.00	0.75	S 53.43 E	100.00	1899.89	4.60 N	12.01 E	-4.60	12.86 N	69.05 E	0.27
2000.00	0.75	S 37.15 E	100.00	1999.89	3.69 N	12.93 E	-3.69	13.45 N	74.08 E	0.21
2100.00	0.75	S 67.87 E	100.00	2099.88	2.92 N	13.94 E	-2.92	14.24 N	78.16 E	0.40
2200.00	0.25	S 15.59 E	100.00	2199.87	2.46 N	14.60 E	-2.46	14.81 N	80.42 E	0.63
2300.00	0.50	S 3.31 E	100.00	2299.87	1.82 N	14.68 E	-1.82	14.80 N	82.94 E	0.26
2400.00	0.00	S 0.00 E	100.00	2399.87	1.38 N	14.71 E	-1.38	14.77 N	84.63 E	0.50
2500.00	0.00	S 0.00 E	100.00	2499.87	1.38 N	14.71 E	-1.38	14.77 N	84.63 E	0.00
2600.00	0.00	S 0.00 E	100.00	2599.87	1.38 N	14.71 E	-1.38	14.77 N	84.63 E	0.00
2700.00	0.25	N 56.19 W	100.00	2699.87	1.50 N	14.53 E	-1.50	14.61 N	84.09 E	0.25
2800.00	0.50	N 30.09 E	100.00	2799.87	2.00 N	14.57 E	-2.00	14.70 N	82.17 E	0.54
2900.00	0.50	N 4.37 E	100.00	2899.86	2.82 N	14.82 E	-2.82	15.08 N	79.24 E	0.22
3000.00	0.50	N 24.65 E	100.00	2999.86	3.65 N	15.03 E	-3.65	15.47 N	76.36 E	0.18
3100.00	0.75	N 23.34 E	100.00	3099.85	4.64 N	15.47 E	-4.64	16.16 N	73.29 E	0.25

Survey Ref: Well Head Closure Ref: Well Head

Sun Apr 02 1995 00:21:49

Vert Sect Ref: Well Head

File: GECK352S.DAT

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D.I.G., INC.

GECKO, INCORPORATED
GECKO STATE 35 #2
LEA COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
Vert Sect Plane: S 0.00 E

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)		DOGLEG DIRECTION (DEG)	SEVERITY (DG/100')
3200.00	1.00	N 35.62 E	100.00	3199.84	5.95 N	16.24 E	-5.95	17.30	N 69.87 E	0.31	
3300.00	1.00	N 41.90 E	100.00	3299.83	7.31 N	17.33 E	-7.31	18.81	N 67.12 E	0.11	
3400.00	1.25	N 15.17 E	100.00	3399.81	9.02 N	18.20 E	-9.02	20.31	N 63.65 E	0.57	
3500.00	1.00	N 22.46 E	100.00	3499.79	10.87 N	18.82 E	-10.87	21.74	N 59.98 E	0.29	
3600.00	1.00	N 29.74 E	100.00	3599.77	12.44 N	19.59 E	-12.44	23.20	N 57.58 E	0.13	
3700.00	0.75	N 51.02 E	100.00	3699.76	13.61 N	20.53 E	-13.61	24.63	N 56.46 E	0.41	
3800.00	0.75	N 15.55 E	100.00	3799.75	14.65 N	21.21 E	-14.65	25.78	N 55.37 E	0.46	
3900.00	0.50	N 19.08 E	100.00	3899.75	15.69 N	21.53 E	-15.69	26.64	N 53.91 E	0.25	
4000.00	0.75	N 30.61 E	100.00	3999.74	16.67 N	22.01 E	-16.67	27.61	N 52.86 E	0.28	
4100.00	0.50	N 28.14 E	100.00	4099.74	17.62 N	22.55 E	-17.62	28.61	N 52.00 E	0.25	
4200.00	0.75	N 17.67 E	100.00	4199.73	18.63 N	22.95 E	-18.63	29.56	N 50.94 E	0.27	
4300.00	0.50	N 15.80 W	100.00	4299.72	19.67 N	23.03 E	-19.67	30.29	N 49.50 E	0.43	
4400.00	0.50	N 4.27 W	100.00	4399.72	20.52 N	22.88 E	-20.52	30.74	N 48.10 E	0.10	
4500.00	0.75	N 30.74 W	100.00	4499.71	21.52 N	22.51 E	-21.52	31.14	N 46.29 E	0.38	
4600.00	0.50	N 44.56 W	100.00	4599.71	22.40 N	21.87 E	-22.40	31.30	N 44.32 E	0.29	
4700.00	1.00	N 32.03 W	100.00	4699.70	23.45 N	21.10 E	-23.45	31.54	N 41.99 E	0.52	
4800.00	1.00	N 45.50 W	100.00	4799.68	24.80 N	20.02 E	-24.80	31.87	N 38.91 E	0.23	
4900.00	1.00	N 40.97 W	100.00	4899.67	26.07 N	18.82 E	-26.07	32.15	N 35.83 E	0.08	
5000.00	1.00	N 36.44 W	100.00	4999.65	27.43 N	17.73 E	-27.43	32.66	N 32.88 E	0.08	
5100.00	1.50	N 36.92 W	100.00	5099.63	29.18 N	16.43 E	-29.18	33.48	N 29.38 E	0.50	
5200.00	1.50	N 27.39 W	100.00	5199.60	31.39 N	15.04 E	-31.39	34.80	N 25.60 E	0.25	
5300.00	1.25	N 20.35 W	100.00	5299.57	33.57 N	14.06 E	-33.57	36.39	N 22.72 E	0.30	
5400.00	1.25	N 19.32 W	100.00	5399.54	35.62 N	13.32 E	-35.62	38.03	N 20.50 E	0.02	
5500.00	1.00	N 33.29 W	100.00	5499.52	37.38 N	12.48 E	-37.38	39.41	N 18.46 E	0.37	
5600.00	1.25	N 14.26 W	100.00	5599.51	39.17 N	11.73 E	-39.17	40.89	N 16.67 E	0.45	
5700.00	1.00	N 9.23 W	100.00	5699.49	41.09 N	11.32 E	-41.09	42.62	N 15.41 E	0.27	
5800.00	1.00	N 18.20 W	100.00	5799.47	42.78 N	10.91 E	-42.78	44.15	N 14.31 E	0.16	
5900.00	1.25	N 24.17 W	100.00	5899.45	44.60 N	10.19 E	-44.60	45.75	N 12.87 E	0.28	
6000.00	1.25	N 4.14 W	100.00	5999.43	46.68 N	9.66 E	-46.68	47.67	N 11.70 E	0.43	
6100.00	1.25	N 18.96 W	100.00	6099.40	48.80 N	9.23 E	-48.80	49.67	N 10.71 E	0.32	
6200.00	1.00	N 11.92 W	100.00	6199.39	50.69 N	8.70 E	-50.69	51.43	N 9.73 E	0.29	
6300.00	1.00	N 15.89 W	100.00	6299.37	52.38 N	8.28 E	-52.38	53.03	N 8.98 E	0.07	
6400.00	1.25	N 11.86 W	100.00	6399.35	54.29 N	7.81 E	-54.29	54.85	N 8.19 E	0.26	

D.I.G., INC.

GECKO, INCORPORATED
GECKO STATE 35 #2
LEA COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
Vert Sect Plane: S 0.00 E

- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE DIRECTION (FT) (DEG)		DOGLEG SEVERITY (DG/100')
6500.00	1.00	N 23.83 W	100.00	6499.33	56.15 N	7.24 E	-56.15	56.62 N	7.34 E	0.34
6600.00	1.25	N 8.80 W	100.00	6599.31	58.03 N	6.72 E	-58.03	58.42 N	6.60 E	0.38
6700.00	1.00	N 2.23 E	100.00	6699.29	59.98 N	6.58 E	-59.98	60.34 N	6.27 E	0.33
6800.00	1.00	N 15.64 E	100.00	6799.28	61.69 N	6.85 E	-61.69	62.07 N	6.34 E	0.23
6900.00	1.25	N 0.96 W	100.00	6899.26	63.62 N	7.07 E	-63.62	64.01 N	6.34 E	0.41
7000.00	1.00	N 13.45 E	100.00	6999.24	65.56 N	7.26 E	-65.56	65.96 N	6.32 E	0.38
7100.00	1.00	N 13.85 E	100.00	7099.22	67.26 N	7.67 E	-67.26	67.69 N	6.50 E	0.01
7200.00	1.50	N 0.75 W	100.00	7199.20	69.41 N	7.86 E	-69.41	69.86 N	6.46 E	0.59
7300.00	1.75	N 0.34 W	100.00	7299.16	72.25 N	7.83 E	-72.25	72.67 N	6.19 E	0.25
7400.00	2.00	N 2.06 E	100.00	7399.11	75.52 N	7.89 E	-75.52	75.93 N	5.96 E	0.26
7500.00	2.00	N 4.54 W	100.00	7499.05	79.00 N	7.81 E	-79.00	79.39 N	5.65 E	0.23
7600.00	2.00	N 1.90 E	100.00	7598.98	82.49 N	7.73 E	-82.49	82.85 N	5.35 E	0.22
7700.00	2.00	N 2.30 E	100.00	7698.92	85.98 N	7.86 E	-85.98	86.33 N	5.22 E	0.01
7800.00	2.00	N 1.29 W	100.00	7798.86	89.46 N	7.89 E	-89.46	89.81 N	5.04 E	0.13
7900.00	2.00	N 4.89 W	100.00	7898.80	92.95 N	7.70 E	-92.95	93.26 N	4.74 E	0.13
8000.00	2.50	N 5.52 E	100.00	7998.73	96.86 N	7.76 E	-96.86	97.17 N	4.58 E	0.64
8100.00	2.50	N 7.92 E	100.00	8098.63	101.19 N	8.27 E	-101.19	101.52 N	4.67 E	0.10
8200.00	2.25	N 3.33 E	100.00	8198.54	105.31 N	8.69 E	-105.31	105.66 N	4.72 E	0.31
8300.00	2.00	N 1.61 E	100.00	8298.48	109.01 N	8.85 E	-109.01	109.37 N	4.64 E	0.26
8400.00	2.25	N 0.24 W	100.00	8398.41	112.72 N	8.89 E	-112.72	113.07 N	4.51 E	0.26
8500.00	2.25	N 2.08 W	100.00	8498.33	116.64 N	8.81 E	-116.64	116.97 N	4.32 E	0.07
8600.00	2.25	N 17.08 E	100.00	8598.25	120.48 N	9.32 E	-120.48	120.84 N	4.42 E	0.75
8700.00	2.00	N 20.24 E	100.00	8698.18	123.99 N	10.50 E	-123.99	124.44 N	4.84 E	0.28
8800.00	2.25	N 10.39 E	100.00	8798.12	127.56 N	11.46 E	-127.56	128.08 N	5.13 E	0.44
8900.00	2.75	N 7.54 E	100.00	8898.02	131.87 N	12.12 E	-131.87	132.43 N	5.25 E	0.52
9000.00	2.75	N 7.69 E	100.00	8997.91	136.63 N	12.76 E	-136.63	137.22 N	5.34 E	0.01
9100.00	3.00	N 11.85 E	100.00	9097.78	141.57 N	13.62 E	-141.57	142.22 N	5.49 E	0.33
9200.00	3.50	N 13.78 E	100.00	9197.62	147.09 N	14.88 E	-147.09	147.84 N	5.78 E	0.51
9300.00	4.00	N 10.92 E	100.00	9297.40	153.48 N	16.27 E	-153.48	154.34 N	6.05 E	0.53
MULTISHOT SURVEY 9414' - 11731'										
9414.00	3.75	N 11.00 E	114.00	9411.14	161.04 N	17.73 E	-161.04	162.02 N	6.28 E	0.22
9506.00	2.00	N 67.00 E	92.00	9503.04	164.63 N	19.79 E	-164.63	165.81 N	6.85 E	3.38
9599.00	3.00	S 54.00 E	93.00	9595.96	163.83 N	23.25 E	-163.83	165.47 N	8.08 E	2.81

Survey Ref: Well Head Closure Ref: Well Head
Sun Apr 02 1995 00:21:49

Vert Sect Ref: Well Head
File: GECK352S.DAT

D.I.G., INC.

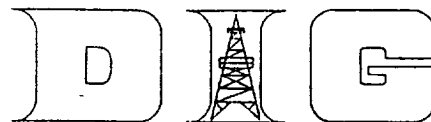
GECKO, INCORPORATED
GECKO STATE 35 #2
LEA COUNTY, NEW MEXICO

Calculated by Minimum Curvature Method
Vert Sect Plane:- S 0.00 E

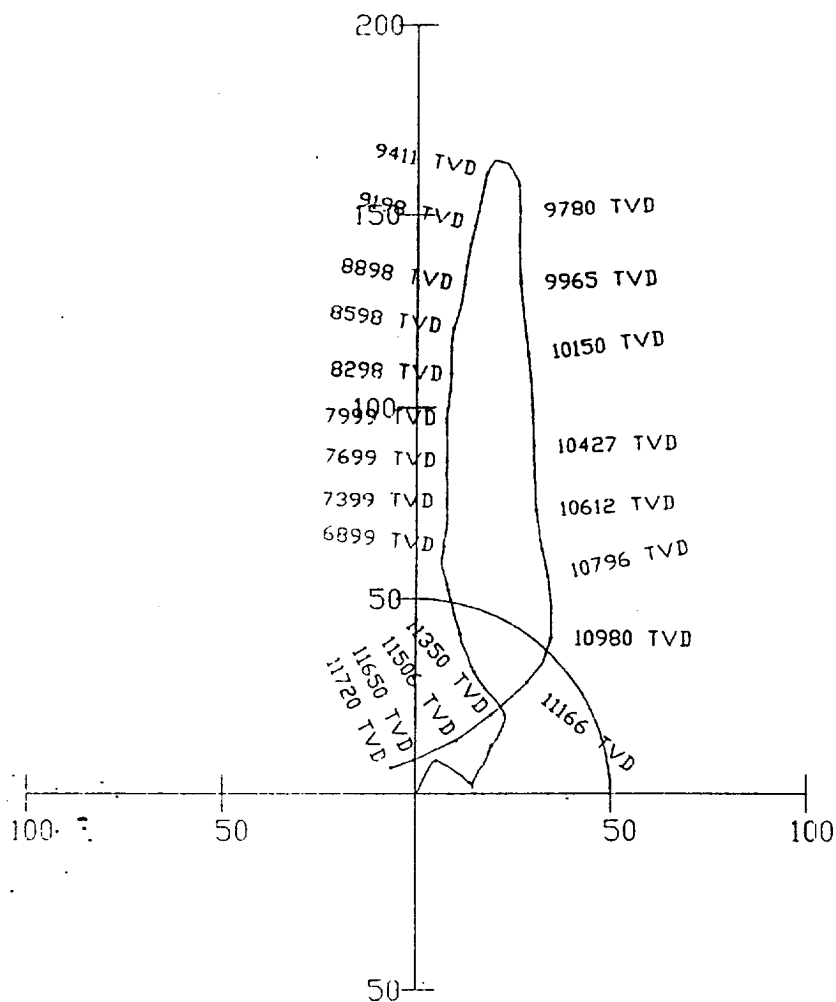
- RECORD OF SURVEY -

MEASURED DEPTH (FT)	INCL ANGLE (DEG)	D R I F T DIRECTION (DEG)	COURSE LENGTH (FT)	TRUE VERTICAL DEPTH	T O T A L RECTANGULAR COORDINATES (FT)		VERTICAL SECTION (FT)	C L O S U R E DISTANCE (FT)		DIRECTION (DEG)	DOGLEG SEVERITY (DG/100')
9692.00	4.50	S 12.00 E	93.00	9688.78	158.83 N	25.98 E	-158.83	160.94	N 9.29 E		3.26
9784.00	5.50	S 4.00 W	92.00	9780.43	150.90 N	26.42 E	-150.90	153.20	N 9.93 E		1.86
9877.00	6.00	S 1.00 E	93.00	9872.96	141.59 N	26.20 E	-141.59	144.00	N 10.48 E		0.76
9970.00	5.50	S 4.00 E	93.00	9965.50	132.29 N	26.59 E	-132.29	134.93	N 11.37 E		0.63
10062.00	6.25	S 8.00 E	92.00	10057.01	122.93 N	27.60 E	-122.93	125.99	N 12.65 E		0.93
10155.00	5.00	S 6.00 E	93.00	10149.56	113.89 N	28.72 E	-113.89	117.45	N 14.16 E		1.36
10248.00	5.00	S 6.00 E	93.00	10242.21	105.83 N	29.57 E	-105.83	109.88	N 15.61 E		0.00
10433.00	5.00	S 2.00 W	185.00	10426.51	89.75 N	30.13 E	-89.75	94.67	N 18.56 E		0.38
10526.00	5.25	S 5.00 E	93.00	10519.14	81.46 N	30.36 E	-81.46	86.94	N 20.44 E		0.72
10619.00	5.25	S 2.00 E	93.00	10611.75	72.97 N	30.88 E	-72.97	79.24	N 22.94 E		0.30
10711.00	5.50	S 14.00 E	92.00	10703.34	64.49 N	32.09 E	-64.49	72.03	N 26.46 E		1.25
10804.00	5.25	S 10.00 E	93.00	10795.94	55.97 N	33.91 E	-55.97	65.44	N 31.21 E		0.48
10897.00	5.00	S 3.00 E	93.00	10888.56	47.73 N	34.86 E	-47.73	59.11	N 36.14 E		0.72
10989.00	4.50	S 4.00 W	92.00	10980.25	40.13 N	34.82 E	-40.13	53.13	N 40.95 E		0.83
11082.00	4.00	S 34.00 W	93.00	11073.00	33.80 N	32.75 E	-33.80	47.07	N 44.10 E		2.42
11175.00	4.00	S 44.00 W	93.00	11165.78	28.78 N	28.68 E	-28.78	40.63	N 44.91 E		0.75
11267.00	3.75	S 49.00 W	92.00	11257.57	24.50 N	24.19 E	-24.50	34.42	N 44.63 E		0.46
11360.00	4.00	S 51.00 W	93.00	11350.36	20.46 N	19.37 E	-20.46	28.17	N 43.43 E		0.31
11453.00	4.00	S 52.00 W	93.00	11443.13	16.42 N	14.29 E	-16.42	21.77	N 41.04 E		0.08
11516.00	4.50	S 59.00 W	63.00	11505.96	13.79 N	10.44 E	-13.79	17.30	N 37.12 E		1.14
11638.00	5.00	S 69.00 W	122.00	11627.54	9.42 N	1.38 E	-9.42	9.52	N 8.31 E		0.79
Interpolated TARGET DEPTH											
11660.55	5.00	S 69.73 W	22.55	11650.00	8.73 N	0.46 W	-8.73	8.74	N 3.03 W		0.28
11731.00	5.00	S 72.00 W	70.45	11720.19	6.72 N	6.26 W	-6.72	9.18	N 42.98 W		0.28

GECKO, INCORPORATED
 GECKO STATE 35 #2
 LEA COUNTY, NEW MEXICO



HORIZONTAL PLAN
 SCALE: 50 FEET/DIVISION
 REFERENCE: WELL HEAD



FIELD REPORT

TYPE OF SERVICE
OPEN HOLE DET

DATE
30-MAR-1995

DISTRICT
HOBBS

Page
1 of 2

WELL OWNER: GECKO, INC.

SERVICE ORDER NUMBER: 139553

REPORTS ADDRESS: 310 W. WALL / SUITE 702-LR106 / MIDLAND, TX 79701

WELL NAME & NO.: GECKO STATE "35" #2

FIELD: CASEY

LEASE.

LOCATION: S35T16SR37E

COUNTY: LEA

STATE: NEW MEXICO

TEST NO. ONE

TEST INTERVAL FROM 11516 FT TO 11666 FT = 144 FT

[illegible]

SERVICE ORDER NUMBER:

139553

SCHLUMBERGER ENGINEER/TECHNICIAN

EUGENE HARVILL



FIELD REPORT

TYPE OF SERVICE
OPEN HOLE DSTDATE
30-MAR-1995DISTRICT
MOBES

Page

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INSTRUMENT DATA

INSTRUMENT NO.	SB-20243	J-1998	J-1845		
CAPACITY (PSIG)	10000	6400	6400		
DEPTH	11495	11655			
INSIDE-OUTSIDE	I	O	REC		
CLOCK CAP	ELECTRONIC	48 HR.	48 HR.		
TEMPERATURE °F	167	170			
I. HYD. PSIG	5254	5395			
I. FLOW PSIG	1033-1581	1098-1700			
I.S.I. PSIG	2381	2376			
2nd FLOW PSIG					
2nd S.I. PSIG					
F. FLOW PSIG	1500-2322				
F.S.I. PSIG					
F. HYD. PSIG	5184	5370			

MUD DATA

MUD TYPE	F W GEL	MUD WT	8.7	#/gal
VISCOSITY	14	WATER LOSS	6	CC
RESISTIVITY: OF MUD	2.332	° 60 °F		
RESISTIVITY: OF FILTRATE		° °F		
CHLORIDES	2000	PPM		
H2S DURING TEST	0	PPM		

WELL BORE DATA

FORMATION TESTED	STRAWN			
NET PRODUCTIVE INTERVAL	25	ft	EST. POROSITY	6
ELEVATION	3773	ft	DEPTH MEASURED FROM KB	
TOTAL MEASURED DEPTH			11660/11660	ft
C H SIZE	7.875	in		
CASING SIZE	9.625			
LINER SIZE				
PERF INTERVAL FROM		ft	TO	ft
SHOT DENSITY				

CUSHION	LENGTH	AMOUNT	SURFACE PRESS	BOTTOM CHOKER SIZE
NONE				.94

SAMPLER DATA

RECOVERY			RESISTIVITY			CHLORIDES	
GAS	1.35	C.F.	RECOVERED WATER	°	deg F	PPM	
OIL	1400	C.C.	RECOVERED MUD	°	deg F		
WATER	20	C.C.	REC. MUD FILTRATE	°	deg F	PPM	
MUD		C.C.	PIT MUD	2.332	° 60 deg F		
GRAVITY 45	°API 60 °F		PIT MUD FILTRATE	°	deg F	PPM	
GOR 153	C.F./BBL		SAMPLER PRESSURE	1500	psig		

REMARKS:

There were mechanical difficulties during this test, but flow and shutin data was obtained. The reservoir produced 54 bbls. of fluid. Thank you for using SCHLUMBERGER.

SERVICE ORDER NUMBER:

139553

SCHLUMBERGER ENGINEER/TECHNICIAN

EUGENE HARVILL