

46285 mwp psi
 700 FSL 12/1/06 SUD-1055 → 7310-3565
 1715 FUL 30-045-33771
 Monoflex (R.L.O.)

JUNIPER WEST SMD NO. 1
 SAN JUAN COUNTY, NM
 F227125-RED

COLEMAN OIL & GAS, INC.

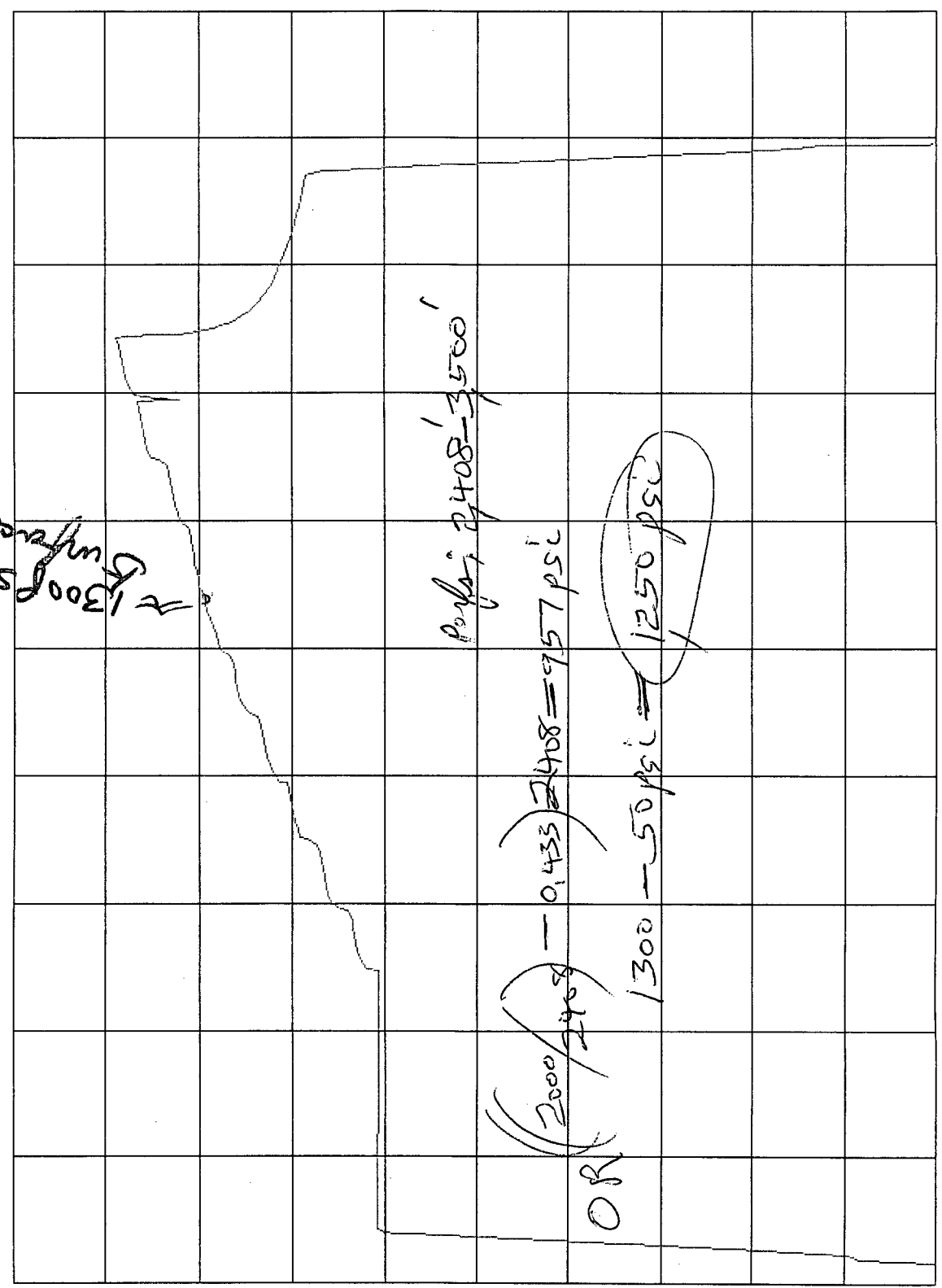
Pressure vs dt

TEFTLELLER, INC.

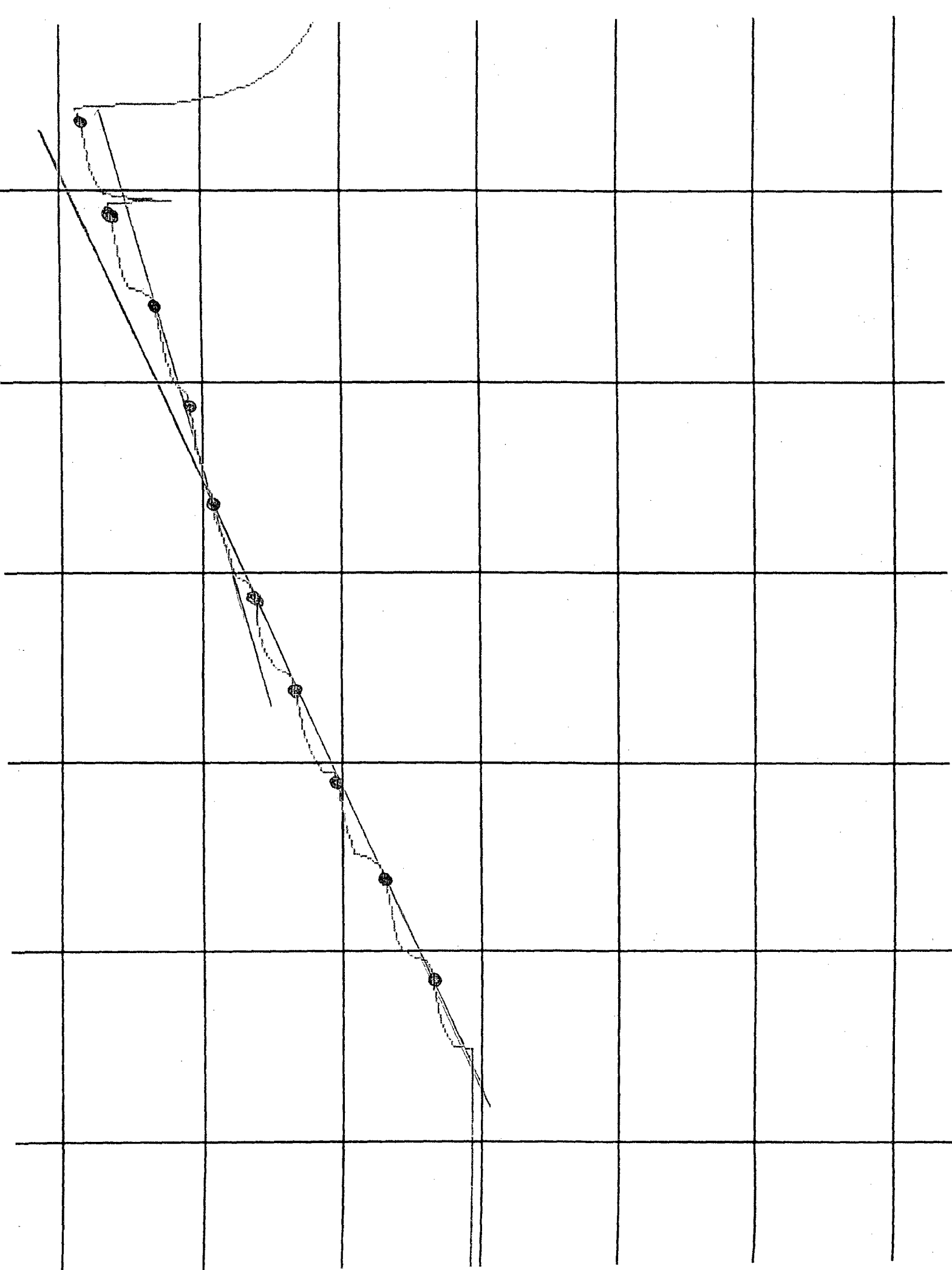
1-24-08

STEP RATE & FALL-OFF TEST

TPI-293
 3/11/08



Bottom Hole



Coleman Oil & Gas, Inc.
P.O. Drawer 3337
Farmington, NM 87499-3337

VIA US MAIL

Tuesday, February 26, 2008

Mr. William Jones
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

Attn: Mr. Jones

Re: Juniper West SWD #1; API #30-045-33771, Sec24, T24N, R11W

RECEIVED
2008 MAR 3 PM 1 27

Dear Mr. Jones:

Coleman Oil & Gas, Inc. recently ran a Step Rate Test on the Juniper West SWD #1; API #30-045-33771, Sec24, T24N, R11W to determine the parting pressure of this disposal well currently operated by Coleman Oil & Gas, Inc. After review of the bottom-hole pressure and surface pressure with corresponding rates, I would like to request an increase in the maximum surface pressure from 462 psig to a maximum pressure of 1300 psig.

Step rate test was run with tandem bottom-hole pressure recorders landed at 3000 feet. The rate of water injection was started out at 1 barrel per minute with 30 minute intervals and increased to a maximum of 10 barrels per minute. After review of the data I feel confident that the parting pressure is above the requested increased maximum surface pressure reading of 1300 psig.

If you have any questions, please give me a call at the phone number listed below.

Sincerely,

Coleman Oil & Gas, Inc.



Michael T. Hanson
Operations Engineer
(505) 327-0356

XC: Oil Conservation Office - Aztec
Bureau of Land Management – Farmington
Chris Coleman
Well File

Submit 3 Copies To Appropriate District
Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
May 27, 2004

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-045-33771
1. Type of Well: Oil Well ☐ Gas Well ☐ Other ☒ Disposal		5. Indicate Type of Lease STATE ☐ FEE ☐
2. Name of Operator Coleman Oil & Gas, Inc.		6. State Oil & Gas Lease No. Federal Lease NMNM 104609
3. Address of Operator P.O. Drawer 3337 Farmington, NM 87499		7. Lease Name or Unit Agreement Name Juniper West SWD; Blanco Mesa Verde
4. Well Location Unit Letter : N : 700 feet from the South line and 1715 feet from the West line Section 24 Township 24N Range 11W NMPM County San Juan		8. Well Number #1
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 6436' GR.		9. OGRID Number 004838
Pit or Below-grade Tank Application ☐ or Closure ☐		
Pit type: LINED EARTHEN Depth to Groundwater: feet. Distance from nearest fresh water well . Distance from nearest surface water .		
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material		

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER Step rate Test ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

ATTACHED IS THE BOTTOM-HOLE PRESSURE INFORMATION FROM THE STEP RATE TEST THAT WAS RUN ON JANUARY 24, 2008. COLEMAN OIL & GAS, INC. WOULD LIKE TO PROPOSE AN INCREASE IN THE MAXIMUM SURFACE INJECTION PRESSURE TO 1200 PSIG.

1250

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed and closed according to NMOCD guidelines ☐ a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Michael T. Hanson TITLE: Operations Engineer DATE: February 20, 2008

Michael T. Hanson cogmhanson@sprynet.com (505) 327-0356

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Weatherford Fracturing Technologies										TREATMENT REPORT				
Operator Coleman Oil & Gas						Service Order No.: 0		Date: January 24, 2008						
Lease Blanco/Mesa Verde						Well No. Juniper West SWD #1		Stage 1		Maximum Pressure 2,500				
County San Juan						State NM		Legal Sec 24, T24N, R11W		Previous Treatment:				
BHT, °F 105		BHP, psi 0		Hole Angle 0		Wellbore Fluid 2% KCL		Formation 0		Top, MD 2408'				
								Bottom, MD 3500'		Perfs 711				
								Size, in. 0.34						
Field Representative Mike Hanson			Phone Number (505) 327-0356			Mobile Number (505) 330-2903			0		0			
Service Location Farmington			Phone Number (505) 327-9329			Fax Number (505) 564-2813			0		0			
Service Supervisor f - Fitz, John			Field Engineer 1/0/1900			Fluid Technician 0			Mechanic 0			Special Notes		
TUBULAR DATA														
		Size		Wt (#/ft)		Grade		Top		Bottom		Capacities		
Casing		5.5		15.5 #/ft				0		0		0.0 bbls		
Tubing		2.875		6.5 #/ft				0		2376		13.8 bbls		
0		2.375		4.7 #/ft				2376		3000		0.1 bbls		
0								0		0		#VALUE! bbls		
0								0		0		#VALUE! bbls		
PACKER ASSEMBLY														
Description		Depth		Length		OD (in)		ID (in)		Pressure Rating				
0		2.375						0.000		0				
FLUID AND PROPPANT DESCRIPTION														
Fluid in Tanks:		f - McKinley, Jonathan		Before:		2,000 bbls		After:		354 bbls		Fluid Additives		
								Fluid Used:		1,646 bbls		Gel 0		
												WFR-55LA 0		
Acid								Amount:		bbls		WNE-341LN 0		
												Add 3 0		
Pad Fluid:								Amount:		bbls		Add 4 0		
Sand Laden:								Amount:		bbls		Add 5 0		
Flush								Amount:		bbls		Add 6 0		
Other								Amount:		scfm		Add 7 0		
												Dry 1 0		
Proppant 1								Amount:		lbs		Dry 2 0		
Proppant 2								Amount:		lbs				
Proppant 3								Amount:		lbs				
Diverter								Amount:						
Proposed Treatment														
Treatment Summary Continued Below														



TREATMENT REPORT

Operator

Service Order No.: 0

Date: January 24, 2008

Purchase Order No.: 0

Page: 2 of 2

Lease

Well No.

Stage

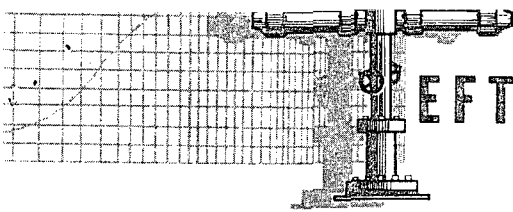
Blanco/Mesa Verde

Juniper West SWD #1

1

[illegible]

15 min ISIP: 538 psi



BHP • BU • PI • DD • GWT • RFS • GOR • FL • TS

EFTELLER, INC.

reservoir engineering data

FARMINGTON, NEW MEXICO/
GRAND JUNCTION, COLORADO

P. O. Box 1198
Farmington, New Mexico 87499
(505) 325-1731
Fax (505) 325-1148

2332 Interstate Ave., Ste. A
Grand Junction, CO 81505
(970) 241-0403
Fax (970) 241-7634

COLEMAN OIL & GAS, INC.

JUNIPER WEST SWD NO. 1

JANUARY 24, 2008

Serving the Rocky Mountain Area

Gauge Identification

Gauge Setup Parameters

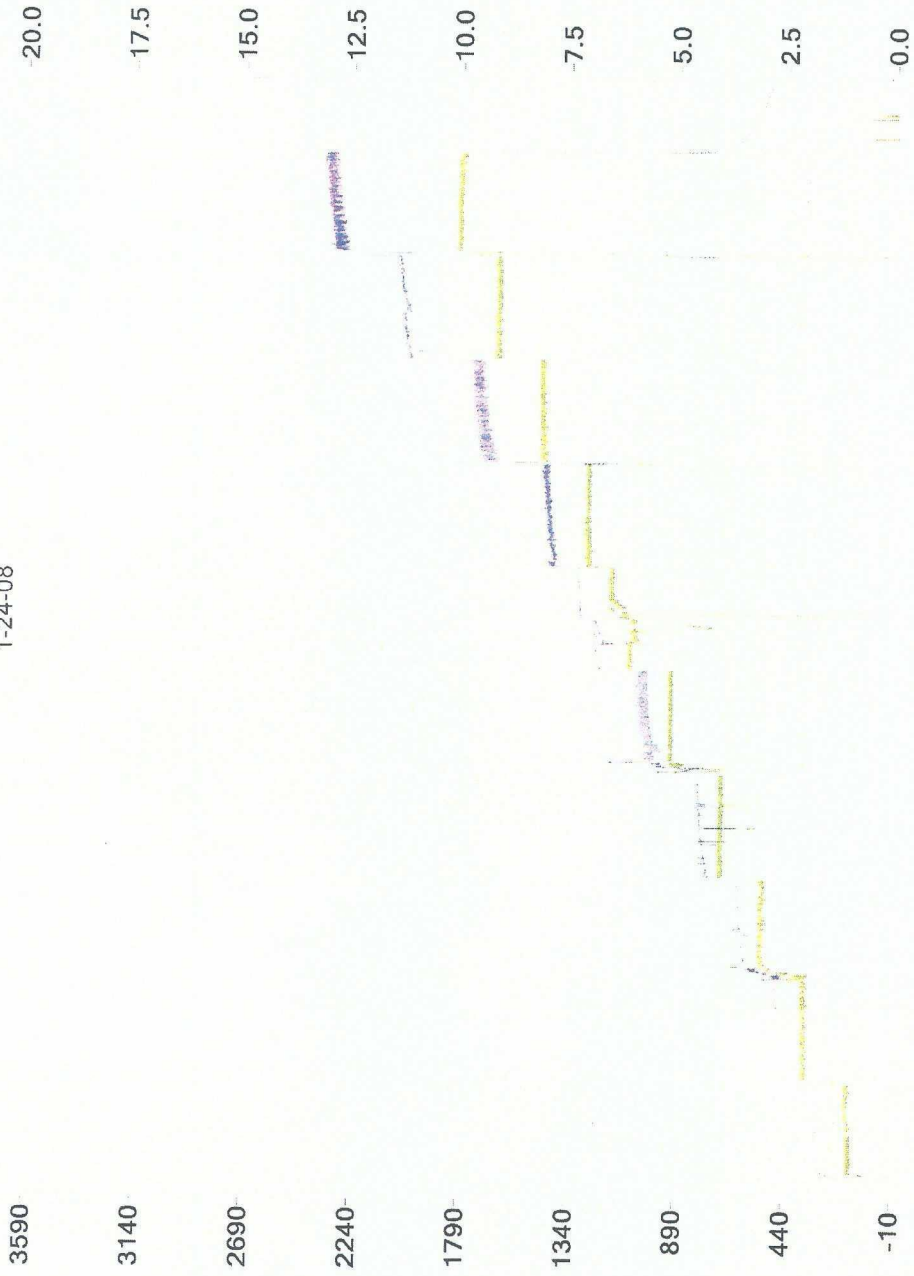
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Probe Set Up Time ..... 1/24/ 8   9:48: 0
Time Delay to First Reading .....
Test Type Selection ..... STEP RATE & FALL-OFF TEST
Test Duration Selection ..... 9 HRS. TANDEM ELEC. MEMORY INST. TIME
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1-10BPM STEP TEST

COLEMAN OIL & GAS

JUNIPER WEST SWD #1.

1-24-08



 *
 * EVENT SUMMARY *
 *

COMPANY : COLEMAN OIL & GAS, INC.

PAGE : B1

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date	Time	Test Time	Key Event	Pressure	Temp
MM/DD	hh:mm:ss	mmmmmm.mmmm		Psig	Deg F
01/24	09:59:00	11.0000	PRESSURED UP LUBRICATOR	204.59	51.75
01/24	10:00:15	12.2500	R.I.H. W/TANDEM ELEC. MEMORY INST.	206.70	51.01
01/24	10:13:00	25.0000	TANDEM ELEC. MEMORY INST. @ 3000'	1518.37	65.87
01/24	12:17:00	149.0000	BEGIN STEP RATE TEST	1513.43	63.00
01/24	12:18:00	150.0000	RATE #1	1547.72	63.01
01/24	12:43:00	175.0000	END RATE #1 - 1. BPM	1589.88	62.97
01/24	12:45:00	177.0000	RATE #2	1600.25	63.86
01/24	13:16:45	208.7500	END RATE #2 - 2. BPM	1685.32	71.16
01/24	13:18:30	210.5000	RATE #3	1708.26	71.50
01/24	13:43:45	235.7500	END RATE #3 - 3. BPM	1761.99	74.36
01/24	13:45:00	237.0000	RATE #4	1773.98	74.28
01/24	14:14:30	266.5000	END RATE #4 - 4. BPM	1835.17	76.36
01/24	14:15:00	267.0000	RATE #5	1851.22	76.37
01/24	14:45:00	297.0000	END RATE #5 - 5. BPM	1918.88	74.63
01/24	14:45:30	297.5000	RATE #6	1929.12	74.70
01/24	15:13:15	325.2500	END RATE #6 - 6. BPM	1983.88	74.61
01/24	15:15:45	327.7500	RATE #7	1995.71	75.39
01/24	15:44:00	356.0000	END RATE #7 - 7. BPM	2022.89	75.37
01/24	15:45:00	357.0000	RATE #8	2009.64	75.38
01/24	16:14:00	386.0000	END RATE #8 - 8. BPM	2082.34	75.86
01/24	16:15:00	387.0000	RATE #9	2091.00	75.94
01/24	16:43:00	415.0000	END RATE #9 - 9. BPM	2161.39	74.33
01/24	16:45:00	417.0000	RATE #10	2070.46	74.54
01/24	17:14:00	446.0000	END RATE #10 - 10. BPM	2220.19	72.08
01/24	17:14:45	446.7500	SHUT DOWN PUMP	2221.15	72.05
01/24	17:15:00	447.0000	BEGIN PRESSURE FALL-OFF	2188.47	72.03
01/24	17:20:30	452.5000	5 MINUTES	1924.51	71.99
01/24	17:25:30	457.5000	10 MINUTES	1874.72	72.02
01/24	17:30:30	462.5000	15 MINUTES	1843.43	72.01
01/24	17:35:30	467.5000	20 MINUTES	1820.78	72.00
01/24	17:40:30	472.5000	25 MINUTES	1802.66	72.02
01/24	17:45:30	477.5000	30 MINUTES	1788.37	72.06
01/24	17:50:30	482.5000	35 MINUTES	1775.86	72.08
01/24	17:55:30	487.5000	40 MINUTES	1764.84	72.05
01/24	18:00:30	492.5000	45 MINUTES	1755.02	72.00
01/24	18:05:30	497.5000	50 MINUTES	1746.27	71.94
01/24	18:10:30	502.5000	55 MINUTES	1738.58	71.84
01/24	18:15:30	507.5000	1 HOUR	1731.11	71.74
01/24	18:30:30	522.5000	TANDEM ELEC. MEMORY INST. OFF BOTTOM	1700.43	71.49

COMPANY: COLEMAN OIL & GAS, INC.

PAGE 1 OF 8

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
01/24	09:48:00	.0000	.01	57.06		
01/24	09:50:15	2.2500	.01	57.06	.00	
01/24	09:58:00	10.0000	.01	52.20	.00	
01/24	09:59:00	11.0000	204.59	51.75	204.58	PRESSURED UP LUBRICATOR
01/24	10:00:15	12.2500	206.70	51.01	2.12	R.I.H. W/TANDEM ELEC. MEMORY INST.
01/24	10:00:30	12.5000	213.67	50.87	6.97	
01/24	10:00:45	12.7500	223.02	50.73	9.35	
01/24	10:01:00	13.0000	239.63	50.58	16.61	
01/24	10:01:15	13.2500	258.94	50.44	19.32	
01/24	10:01:30	13.5000	279.68	50.29	20.74	
01/24	10:01:45	13.7500	300.14	50.15	20.46	
01/24	10:02:00	14.0000	322.45	50.01	22.31	
01/24	10:02:15	14.2500	344.54	50.04	22.09	
01/24	10:02:30	14.5000	366.40	50.24	21.86	
01/24	10:02:45	14.7500	391.25	50.44	24.85	
01/24	10:03:00	15.0000	418.23	50.64	26.99	
01/24	10:03:15	15.2500	445.50	50.84	27.27	
01/24	10:03:30	15.5000	472.63	51.04	27.13	
01/24	10:03:45	15.7500	500.61	51.24	27.98	
01/24	10:04:00	16.0000	530.30	51.44	29.69	
01/24	10:04:15	16.2500	559.85	51.64	29.55	
01/24	10:04:30	16.5000	592.25	51.84	32.40	
01/24	10:04:45	16.7500	622.23	52.04	29.98	
01/24	10:05:00	17.0000	653.06	52.24	30.83	
01/24	10:05:15	17.2500	684.65	52.63	31.59	
01/24	10:05:30	17.5000	715.30	53.20	30.65	
01/24	10:05:45	17.7500	745.66	53.77	30.36	
01/24	10:06:00	18.0000	777.30	54.34	31.64	
01/24	10:06:15	18.2500	814.07	54.91	36.76	
01/24	10:06:30	18.5000	852.68	55.48	38.61	
01/24	10:06:45	18.7500	885.16	56.06	32.49	
01/24	10:07:00	19.0000	920.21	56.63	35.04	
01/24	10:07:15	19.2500	955.96	57.20	35.75	
01/24	10:07:30	19.5000	986.86	57.77	30.90	
01/24	10:07:45	19.7500	1021.89	58.35	35.03	
01/24	10:08:00	20.0000	1052.93	58.92	31.04	
01/24	10:08:15	20.2500	1085.84	59.60	32.91	
01/24	10:08:30	20.5000	1112.60	60.17	26.76	
01/24	10:08:45	20.7500	1142.77	60.74	30.17	
01/24	10:09:00	21.0000	1177.06	61.32	34.30	
01/24	10:09:15	21.2500	1210.07	61.89	33.01	
01/24	10:09:30	21.5000	1243.22	62.47	33.15	
01/24	10:09:45	21.7500	1276.50	63.05	33.29	
01/24	10:10:00	22.0000	1313.05	63.62	36.55	
01/24	10:10:15	22.2500	1343.62	64.20	30.57	
01/24	10:10:30	22.5000	1372.19	64.77	28.57	
01/24	10:10:45	22.7500	1402.18	65.35	29.99	
01/24	10:11:00	23.0000	1433.88	65.92	31.69	
01/24	10:11:15	23.2500	1467.49	66.09	33.61	
01/24	10:11:30	23.5000	1497.08	66.06	29.60	
01/24	10:11:45	23.7500	1516.01	66.03	18.92	
01/24	10:13:00	25.0000	1518.37	65.87	2.36	TANDEM ELEC. MEMORY INST. @ 3000'
01/24	10:14:15	26.2500	1519.21	65.63	.84	
01/24	10:15:30	27.5000	1519.58	65.11	.37	
01/24	10:16:45	28.7500	1519.66	64.60	.08	
01/24	10:18:00	30.0000	1519.73	64.22	.07	
01/24	10:19:15	31.2500	1519.71	63.88	-.02	
01/24	10:21:00	33.0000	1519.46	63.51	-.25	
01/24	10:23:00	35.0000	1519.36	63.26	-.10	
01/24	10:25:00	37.0000	1519.24	63.05	-.12	
01/24	10:27:00	39.0000	1519.07	62.95	-.17	
01/24	10:29:00	41.0000	1518.93	62.87	-.15	
01/24	10:31:00	43.0000	1518.79	62.83	-.14	
01/24	10:33:00	45.0000	1518.69	62.81	-.09	
01/24	10:35:00	47.0000	1518.58	62.79	-.11	

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
01/24	10:37:00	49.0000	1518.48	62.78	-.10	
01/24	10:39:00	51.0000	1518.36	62.78	-.12	
01/24	10:41:00	53.0000	1518.24	62.78	-.12	
01/24	10:43:00	55.0000	1518.13	62.78	-.12	
01/24	10:45:00	57.0000	1518.01	62.79	-.12	
01/24	10:47:00	59.0000	1517.91	62.80	-.10	
01/24	10:49:00	61.0000	1517.81	62.82	-.10	
01/24	10:51:00	63.0000	1517.71	62.83	-.10	
01/24	10:53:00	65.0000	1517.59	62.83	-.12	
01/24	10:55:00	67.0000	1517.48	62.84	-.11	
01/24	10:57:00	69.0000	1517.38	62.85	-.11	
01/24	10:59:00	71.0000	1517.29	62.85	-.08	
01/24	11:01:00	73.0000	1517.20	62.85	-.09	
01/24	11:03:00	75.0000	1517.11	62.85	-.09	
01/24	11:05:00	77.0000	1517.00	62.86	-.11	
01/24	11:07:00	79.0000	1516.89	62.87	-.11	
01/24	11:09:00	81.0000	1516.78	62.87	-.11	
01/24	11:11:00	83.0000	1516.67	62.88	-.12	
01/24	11:13:00	85.0000	1516.58	62.88	-.09	
01/24	11:15:00	87.0000	1516.47	62.89	-.11	
01/24	11:17:00	89.0000	1516.37	62.90	-.10	
01/24	11:19:00	91.0000	1516.27	62.91	-.10	
01/24	11:21:00	93.0000	1516.17	62.90	-.10	
01/24	11:23:00	95.0000	1516.06	62.91	-.11	
01/24	11:25:00	97.0000	1515.95	62.91	-.11	
01/24	11:27:00	99.0000	1515.88	62.91	-.08	
01/24	11:29:00	101.0000	1515.80	62.91	-.08	
01/24	11:31:00	103.0000	1515.70	62.91	-.10	
01/24	11:33:00	105.0000	1515.58	62.91	-.12	
01/24	11:35:00	107.0000	1515.46	62.92	-.12	
01/24	11:37:00	109.0000	1515.33	62.93	-.12	
01/24	11:39:00	111.0000	1515.23	62.93	-.11	
01/24	11:41:00	113.0000	1515.15	62.93	-.07	
01/24	11:43:00	115.0000	1515.08	62.93	-.07	
01/24	11:45:00	117.0000	1514.98	62.93	-.09	
01/24	11:47:00	119.0000	1514.88	62.94	-.11	
01/24	11:49:00	121.0000	1514.76	62.94	-.12	
01/24	11:51:00	123.0000	1514.66	62.95	-.10	
01/24	11:53:00	125.0000	1514.54	62.95	-.12	
01/24	11:55:00	127.0000	1514.46	62.95	-.08	
01/24	11:57:00	129.0000	1514.37	62.95	-.09	
01/24	11:59:00	131.0000	1514.29	62.96	-.07	
01/24	12:01:00	133.0000	1514.19	62.97	-.10	
01/24	12:03:00	135.0000	1514.09	62.97	-.10	
01/24	12:05:00	137.0000	1514.00	62.99	-.10	
01/24	12:07:00	139.0000	1513.92	62.98	-.08	
01/24	12:09:00	141.0000	1513.83	62.99	-.09	
01/24	12:11:00	143.0000	1513.72	62.99	-.11	
01/24	12:13:00	145.0000	1513.62	62.99	-.10	
01/24	12:15:00	147.0000	1513.52	62.99	-.10	
01/24	12:17:00	149.0000	1513.43	63.00	-.09	BEGIN STEP RATE TEST
01/24	12:18:00	150.0000	1547.72	63.01	34.30	RATE #1
01/24	12:19:15	151.2500	1558.27	63.04	10.54	
01/24	12:20:30	152.5000	1562.86	63.08	4.59	
01/24	12:21:45	153.7500	1566.84	63.12	3.98	
01/24	12:23:00	155.0000	1569.77	63.15	2.93	
01/24	12:24:15	156.2500	1572.25	63.16	2.48	
01/24	12:25:30	157.5000	1574.32	63.17	2.07	
01/24	12:26:45	158.7500	1576.16	63.17	1.84	
01/24	12:28:00	160.0000	1577.81	63.17	1.64	
01/24	12:29:15	161.2500	1579.33	63.16	1.52	
01/24	12:30:30	162.5000	1580.57	63.14	1.24	
01/24	12:31:45	163.7500	1582.03	63.10	1.45	
01/24	12:33:00	165.0000	1583.08	63.05	1.06	
01/24	12:34:15	166.2500	1584.11	62.96	1.03	

COMPANY: COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
01/24	12:35:30	167.5000	1585.10	62.86	.99	
01/24	12:36:45	168.7500	1586.18	62.74	1.08	
01/24	12:38:00	170.0000	1587.07	62.60	.88	
01/24	12:39:15	171.2500	1587.94	62.45	.88	
01/24	12:40:30	172.5000	1588.81	62.55	.87	
01/24	12:41:45	173.7500	1589.44	62.65	.63	
01/24	12:43:00	175.0000	1589.88	62.97	.45	END RATE #1 - 1. BMP
01/24	12:45:00	177.0000	1600.25	63.86	10.37	RATE #2
01/24	12:45:15	177.2500	1610.67	63.99	10.41	
01/24	12:45:30	177.5000	1620.51	64.12	9.84	
01/24	12:46:15	178.2500	1630.67	64.51	10.16	
01/24	12:46:30	178.5000	1632.68	64.64	2.01	
01/24	12:47:45	179.7500	1639.21	65.30	6.53	
01/24	12:49:00	181.0000	1643.60	65.76	4.39	
01/24	12:50:15	182.2500	1647.13	66.12	3.53	
01/24	12:51:30	183.5000	1650.16	66.42	3.03	
01/24	12:52:45	184.7500	1652.74	66.58	2.58	
01/24	12:54:00	186.0000	1654.96	66.74	2.22	
01/24	12:55:15	187.2500	1657.04	66.88	2.08	
01/24	12:56:30	188.5000	1658.82	67.02	1.78	
01/24	12:57:45	189.7500	1660.74	67.17	1.92	
01/24	12:59:00	191.0000	1662.29	67.34	1.55	
01/24	13:00:15	192.2500	1663.73	67.51	1.44	
01/24	13:01:30	193.5000	1664.89	67.70	1.16	
01/24	13:02:45	194.7500	1666.08	67.88	1.19	
01/24	13:04:00	196.0000	1667.49	68.11	1.40	
01/24	13:05:15	197.2500	1668.61	68.37	1.12	
01/24	13:06:30	198.5000	1669.61	68.65	1.01	
01/24	13:07:45	199.7500	1670.77	68.98	1.16	
01/24	13:09:00	201.0000	1671.79	69.31	1.02	
01/24	13:10:15	202.2500	1672.76	69.64	.97	
01/24	13:11:30	203.5000	1673.78	69.98	1.02	
01/24	13:13:00	205.0000	1674.86	70.35	1.08	
01/24	13:14:00	206.0000	1675.67	70.58	.81	
01/24	13:15:00	207.0000	1691.82	70.81	16.15	
01/24	13:15:15	207.2500	1684.14	70.86	-7.68	
01/24	13:15:30	207.5000	1676.75	70.92	-7.39	
01/24	13:16:45	208.7500	1685.32	71.16	8.56	END RATE #2 - 2. BPM
01/24	13:17:15	209.2500	1694.57	71.26	9.26	
01/24	13:17:30	209.5000	1701.27	71.31	6.69	
01/24	13:18:30	210.5000	1708.26	71.50	6.99	RATE #3
01/24	13:18:45	210.7500	1730.16	71.55	21.91	
01/24	13:20:00	212.0000	1727.65	71.77	-2.51	
01/24	13:21:15	213.2500	1731.66	71.99	4.01	
01/24	13:22:30	214.5000	1734.81	72.20	3.15	
01/24	13:23:45	215.7500	1737.88	72.41	3.07	
01/24	13:25:00	217.0000	1739.54	72.61	1.66	
01/24	13:26:15	218.2500	1741.77	72.78	2.23	
01/24	13:27:30	219.5000	1743.63	72.96	1.87	
01/24	13:28:45	220.7500	1745.53	73.13	1.89	
01/24	13:30:00	222.0000	1746.63	73.31	1.10	
01/24	13:31:15	223.2500	1748.98	73.50	2.35	
01/24	13:32:30	224.5000	1750.32	73.68	1.34	
01/24	13:33:45	225.7500	1752.26	73.87	1.94	
01/24	13:35:00	227.0000	1753.75	74.04	1.49	
01/24	13:36:15	228.2500	1755.07	74.21	1.32	
01/24	13:37:30	229.5000	1756.36	74.36	1.29	
01/24	13:38:45	230.7500	1757.55	74.49	1.19	
01/24	13:40:00	232.0000	1758.70	74.53	1.15	
01/24	13:41:15	233.2500	1759.81	74.51	1.11	
01/24	13:42:30	234.5000	1760.87	74.44	1.05	
01/24	13:43:45	235.7500	1761.99	74.36	1.12	END RATE #3 - 3. BPM
01/24	13:44:45	236.7500	1763.28	74.30	1.29	
01/24	13:45:00	237.0000	1773.98	74.28	10.70	RATE #4
01/24	13:45:15	237.2500	1783.93	74.29	9.95	

COMPANY: COLEMAN OIL & GAS, INC.

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WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
01/24	13:45:30	237.5000	1787.34	74.30	3.41	
01/24	13:46:45	238.7500	1794.77	74.38	7.42	
01/24	13:48:00	240.0000	1798.96	74.45	4.20	
01/24	13:49:15	241.2500	1801.88	74.57	2.91	
01/24	13:50:30	242.5000	1805.62	74.68	3.74	
01/24	13:51:45	243.7500	1808.09	74.81	2.47	
01/24	13:53:00	245.0000	1810.28	74.93	2.19	
01/24	13:54:15	246.2500	1812.51	75.05	2.24	
01/24	13:55:30	247.5000	1811.74	75.18	-.77	
01/24	13:56:45	248.7500	1816.88	75.31	5.14	
01/24	13:58:00	250.0000	1817.87	75.44	.99	
01/24	13:59:15	251.2500	1808.08	75.57	-9.79	
01/24	14:00:00	252.0000	1819.03	75.64	10.95	
01/24	14:00:15	252.2500	1820.46	75.66	1.42	
01/24	14:01:30	253.5000	1822.31	75.76	1.86	
01/24	14:02:45	254.7500	1824.04	75.86	1.72	
01/24	14:04:00	256.0000	1825.62	75.94	1.59	
01/24	14:05:15	257.2500	1827.17	76.01	1.54	
01/24	14:07:00	259.0000	1828.74	76.11	1.57	
01/24	14:08:15	260.2500	1829.82	76.15	1.07	
01/24	14:09:30	261.5000	1830.96	76.19	1.14	
01/24	14:10:45	262.7500	1832.14	76.24	1.18	
01/24	14:12:00	264.0000	1833.12	76.28	.98	
01/24	14:13:15	265.2500	1834.07	76.32	.95	
01/24	14:14:30	266.5000	1835.17	76.36	1.10	END RATE #4 - 4. BPM
01/24	14:14:45	266.7500	1839.85	76.37	4.68	
01/24	14:15:00	267.0000	1851.22	76.37	11.37	RATE #5
01/24	14:16:15	268.2500	1842.98	76.41	-8.24	
01/24	14:16:45	268.7500	1843.66	76.42	.68	
01/24	14:17:00	269.0000	1857.76	76.43	14.10	
01/24	14:18:00	270.0000	1866.04	76.46	8.28	
01/24	14:18:15	270.2500	1880.08	76.47	14.04	
01/24	14:19:30	271.5000	1879.21	76.51	-.87	
01/24	14:20:45	272.7500	1882.45	76.57	3.24	
01/24	14:22:00	274.0000	1885.16	76.63	2.71	
01/24	14:23:15	275.2500	1887.51	76.71	2.35	
01/24	14:24:30	276.5000	1889.78	76.80	2.27	
01/24	14:25:45	277.7500	1891.92	76.90	2.14	
01/24	14:27:00	279.0000	1893.70	77.01	1.78	
01/24	14:28:15	280.2500	1895.40	77.12	1.70	
01/24	14:29:30	281.5000	1897.10	76.93	1.71	
01/24	14:30:45	282.7500	1898.59	76.75	1.48	
01/24	14:32:00	284.0000	1899.96	76.21	1.38	
01/24	14:33:15	285.2500	1901.43	75.55	1.47	
01/24	14:35:00	287.0000	1902.54	74.72	1.10	
01/24	14:37:00	289.0000	1904.16	74.30	1.62	
01/24	14:39:00	291.0000	1905.78	74.06	1.62	
01/24	14:41:00	293.0000	1907.33	74.19	1.56	
01/24	14:43:00	295.0000	1908.08	74.37	.74	
01/24	14:45:00	297.0000	1918.88	74.63	10.80	END RATE #5 - 5. BPM
01/24	14:45:30	297.5000	1929.12	74.70	10.24	RATE #6
01/24	14:45:45	297.7500	1931.68	74.73	2.56	
01/24	14:47:00	299.0000	1938.52	74.90	6.84	
01/24	14:48:15	300.2500	1941.96	75.07	3.44	
01/24	14:49:30	301.5000	1944.81	75.24	2.85	
01/24	14:50:45	302.7500	1946.68	75.40	1.87	
01/24	14:52:00	304.0000	1949.11	75.58	2.43	
01/24	14:53:15	305.2500	1951.23	75.76	2.13	
01/24	14:54:30	306.5000	1953.40	75.94	2.16	
01/24	14:55:45	307.7500	1956.07	76.11	2.67	
01/24	14:57:00	309.0000	1958.25	76.28	2.19	
01/24	14:58:15	310.2500	1960.38	76.31	2.13	
01/24	14:59:30	311.5000	1963.02	76.31	2.64	
01/24	15:00:45	312.7500	1968.90	76.08	5.88	
01/24	15:02:00	314.0000	1967.72	75.68	-1.18	

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
01/24	15:03:15	315.2500	1976.24	75.22	8.52	
01/24	15:04:30	316.5000	1978.46	74.53	2.22	
01/24	15:05:45	317.7500	1979.27	73.83	.81	
01/24	15:07:00	319.0000	1981.02	73.47	1.76	
01/24	15:08:15	320.2500	1982.26	73.29	1.23	
01/24	15:09:30	321.5000	1982.75	73.32	.49	
01/24	15:10:45	322.7500	1984.17	73.75	1.43	
01/24	15:12:00	324.0000	1983.11	74.17	-1.06	
01/24	15:13:15	325.2500	1983.88	74.61	.77	END RATE #6 - 6. BPM
01/24	15:14:30	326.5000	1985.32	75.04	1.43	
01/24	15:15:45	327.7500	1995.71	75.39	10.39	RATE #7
01/24	15:17:00	329.0000	1998.03	75.69	2.32	
01/24	15:18:15	330.2500	1995.84	75.97	-2.19	
01/24	15:19:30	331.5000	1998.26	76.19	2.42	
01/24	15:20:45	332.7500	2000.29	76.40	2.03	
01/24	15:22:00	334.0000	2001.96	76.50	1.68	
01/24	15:23:15	335.2500	2003.10	76.53	1.14	
01/24	15:24:30	336.5000	2005.26	76.43	2.16	
01/24	15:25:45	337.7500	2006.52	76.08	1.26	
01/24	15:27:00	339.0000	2008.21	75.74	1.69	
01/24	15:28:15	340.2500	2009.76	75.51	1.55	
01/24	15:29:30	341.5000	2010.74	75.31	.98	
01/24	15:30:45	342.7500	2012.06	75.18	1.31	
01/24	15:32:00	344.0000	2013.52	75.13	1.46	
01/24	15:33:15	345.2500	2014.92	75.10	1.40	
01/24	15:34:30	346.5000	2015.62	75.12	.70	
01/24	15:35:45	347.7500	2017.15	75.14	1.52	
01/24	15:37:00	349.0000	2018.02	75.18	.87	
01/24	15:38:15	350.2500	2018.89	75.22	.87	
01/24	15:40:00	352.0000	2020.03	75.29	1.14	
01/24	15:42:00	354.0000	2022.02	75.33	1.98	
01/24	15:44:00	356.0000	2022.89	75.37	.87	END RATE #7 - 7. BPM
01/24	15:45:00	357.0000	2009.64	75.38	-13.25	RATE #8
01/24	15:45:15	357.2500	2031.40	75.38	21.75	
01/24	15:46:15	358.2500	2041.92	75.39	10.52	
01/24	15:46:30	358.5000	2043.34	75.39	1.42	
01/24	15:47:45	359.7500	2047.85	75.42	4.51	
01/24	15:49:00	361.0000	2050.89	75.46	3.04	
01/24	15:50:15	362.2500	2053.41	75.50	2.52	
01/24	15:51:30	363.5000	2055.66	75.56	2.25	
01/24	15:52:45	364.7500	2057.80	75.61	2.14	
01/24	15:54:00	366.0000	2059.30	75.65	1.50	
01/24	15:55:15	367.2500	2060.99	75.43	1.69	
01/24	15:56:30	368.5000	2062.82	75.19	1.84	
01/24	15:57:45	369.7500	2064.90	74.96	2.08	
01/24	15:59:00	371.0000	2066.08	74.79	1.18	
01/24	16:00:15	372.2500	2067.67	74.63	1.59	
01/24	16:01:30	373.5000	2069.30	74.64	1.62	
01/24	16:02:45	374.7500	2070.86	74.65	1.57	
01/24	16:04:00	376.0000	2072.19	74.73	1.32	
01/24	16:05:15	377.2500	2073.62	74.83	1.44	
01/24	16:06:30	378.5000	2074.90	74.96	1.28	
01/24	16:07:45	379.7500	2076.51	75.14	1.61	
01/24	16:09:00	381.0000	2077.52	75.32	1.01	
01/24	16:10:15	382.2500	2078.47	75.48	.95	
01/24	16:11:30	383.5000	2080.15	75.63	1.68	
01/24	16:12:45	384.7500	2080.97	75.76	.83	
01/24	16:14:00	386.0000	2082.34	75.86	1.37	END RATE #8 - 8. BPM
01/24	16:15:00	387.0000	2091.00	75.94	8.66	RATE #9
01/24	16:15:15	387.2500	2094.70	75.96	3.70	
01/24	16:16:30	388.5000	2102.05	76.02	7.35	
01/24	16:17:00	389.0000	2104.61	76.05	2.56	
01/24	16:17:15	389.2500	2116.03	76.07	11.42	
01/24	16:17:45	389.7500	2126.59	76.09	10.56	
01/24	16:18:00	390.0000	2127.58	76.11	.99	

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WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD	hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.
01/24	16:19:15	391.2500	2130.77	76.17	3.19	
01/24	16:20:30	392.5000	2133.89	76.25	3.12	
01/24	16:21:45	393.7500	2136.17	76.29	2.29	
01/24	16:23:00	395.0000	2138.94	76.23	2.77	
01/24	16:24:15	396.2500	2141.15	76.15	2.21	
01/24	16:25:30	397.5000	2143.25	76.20	2.10	
01/24	16:26:45	398.7500	2145.26	76.25	2.02	
01/24	16:28:00	400.0000	2146.41	76.39	1.14	
01/24	16:29:15	401.2500	2147.91	76.53	1.50	
01/24	16:30:30	402.5000	2148.49	76.67	.58	
01/24	16:31:45	403.7500	2150.83	76.78	2.34	
01/24	16:33:00	405.0000	2151.68	76.87	.85	
01/24	16:34:15	406.2500	2152.53	76.54	.84	
01/24	16:35:30	407.5000	2153.99	76.11	1.46	
01/24	16:36:45	408.7500	2155.91	75.57	1.92	
01/24	16:38:00	410.0000	2156.66	75.02	.75	
01/24	16:39:15	411.2500	2157.77	74.51	1.11	
01/24	16:40:30	412.5000	2158.79	74.39	1.02	
01/24	16:41:45	413.7500	2159.88	74.27	1.09	
01/24	16:43:00	415.0000	2161.39	74.33	1.51	END RATE #9 - 9. BPM
01/24	16:44:15	416.2500	2161.77	74.46	.38	
01/24	16:44:45	416.7500	2163.49	74.51	1.72	
01/24	16:45:00	417.0000	2070.46	74.54	-93.02	RATE #10
01/24	16:45:15	417.2500	2050.27	74.58	-20.19	
01/24	16:45:30	417.5000	2064.21	74.61	13.94	
01/24	16:45:45	417.7500	2113.56	74.65	49.35	
01/24	16:46:00	418.0000	2129.78	74.68	16.22	
01/24	16:46:15	418.2500	2145.28	74.73	15.51	
01/24	16:46:30	418.5000	2154.25	74.76	8.96	
01/24	16:46:45	418.7500	2160.08	74.80	5.83	
01/24	16:47:30	419.5000	2169.76	74.91	9.68	
01/24	16:47:45	419.7500	2172.03	74.95	2.28	
01/24	16:49:00	421.0000	2179.86	75.14	7.83	
01/24	16:50:15	422.2500	2185.37	75.32	5.51	
01/24	16:51:30	423.5000	2188.35	75.51	2.98	
01/24	16:52:45	424.7500	2190.91	75.65	2.55	
01/24	16:54:00	426.0000	2193.40	75.78	2.50	
01/24	16:55:15	427.2500	2196.30	75.48	2.90	
01/24	16:56:30	428.5000	2198.18	75.12	1.88	
01/24	16:57:45	429.7500	2200.06	74.70	1.88	
01/24	16:59:00	431.0000	2201.97	74.24	1.92	
01/24	17:00:15	432.2500	2204.27	73.78	2.29	
01/24	17:01:30	433.5000	2205.65	73.42	1.38	
01/24	17:02:45	434.7500	2206.65	73.06	1.00	
01/24	17:04:00	436.0000	2208.49	72.84	1.85	
01/24	17:05:15	437.2500	2209.98	72.67	1.49	
01/24	17:06:30	438.5000	2211.70	72.53	1.72	
01/24	17:07:45	439.7500	2212.81	72.45	1.11	
01/24	17:09:00	441.0000	2213.73	72.36	.92	
01/24	17:10:15	442.2500	2215.67	72.29	1.93	
01/24	17:11:30	443.5000	2216.95	72.20	1.28	
01/24	17:12:45	444.7500	2218.44	72.13	1.49	
01/24	17:14:00	446.0000	2220.19	72.08	1.76	END RATE #10 - 10. BPM
01/24	17:14:45	446.7500	2221.15	72.05	.95	SHUT DOWN PUMP
01/24	17:15:00	447.0000	2188.47	72.03	-32.68	BEGIN PRESSURE FALL-OFF
01/24	17:15:15	447.2500	2110.05	72.03	-78.42	
01/24	17:15:30	447.5000	2074.61	72.02	-35.44	
01/24	17:15:45	447.7500	2053.13	72.01	-21.49	
01/24	17:16:00	448.0000	2037.05	72.01	-16.08	
01/24	17:16:15	448.2500	2024.24	72.00	-12.81	
01/24	17:16:30	448.5000	2013.43	72.00	-10.81	
01/24	17:16:45	448.7500	2003.89	72.00	-9.53	
01/24	17:17:00	449.0000	1995.50	71.99	-8.40	
01/24	17:17:15	449.2500	1987.81	71.99	-7.68	
01/24	17:17:30	449.5000	1980.70	71.99	-7.11	

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date MM/DD	Time hh:mm:ss	Test Time mmmmmm.mmmmm	Pressure Psig	Temp Deg F	deltaP Psi	Comment Ga. Press Ref. to 14.7 Psi Atm.
01/24	17:17:45	449.7500	1974.16	71.98	-6.54	
01/24	17:18:00	450.0000	1968.18	71.97	-5.98	
01/24	17:18:15	450.2500	1962.49	71.98	-5.69	
01/24	17:18:45	450.7500	1952.53	71.99	-9.96	
01/24	17:19:00	451.0000	1947.84	71.99	-4.69	
01/24	17:19:30	451.5000	1939.30	71.99	-8.54	
01/24	17:19:45	451.7500	1935.46	71.99	-3.84	
01/24	17:20:30	452.5000	1924.51	71.99	-10.95	5 MINUTES
01/24	17:20:45	452.7500	1921.38	71.99	-3.13	
01/24	17:21:30	453.5000	1911.99	72.00	-9.39	
01/24	17:21:45	453.7500	1909.14	72.00	-2.85	
01/24	17:22:45	454.7500	1898.47	72.00	-10.67	
01/24	17:23:00	455.0000	1896.06	72.00	-2.42	
01/24	17:24:00	456.0000	1886.95	72.02	-9.10	
01/24	17:24:15	456.2500	1884.82	72.01	-2.13	
01/24	17:25:30	457.5000	1874.72	72.02	-10.10	10 MINUTES
01/24	17:26:45	458.7500	1865.76	72.02	-8.96	
01/24	17:28:00	460.0000	1857.65	72.02	-8.11	
01/24	17:29:15	461.2500	1850.25	72.02	-7.40	
01/24	17:30:30	462.5000	1843.43	72.01	-6.83	15 MINUTES
01/24	17:31:45	463.7500	1837.02	72.00	-6.40	
01/24	17:33:00	465.0000	1831.66	72.00	-5.36	
01/24	17:34:15	466.2500	1826.11	72.00	-5.55	
01/24	17:35:30	467.5000	1820.78	72.00	-5.34	20 MINUTES
01/24	17:36:45	468.7500	1815.87	72.00	-4.90	
01/24	17:38:00	470.0000	1811.26	72.00	-4.62	
01/24	17:39:15	471.2500	1806.85	72.01	-4.41	
01/24	17:40:30	472.5000	1802.66	72.02	-4.19	25 MINUTES
01/24	17:41:45	473.7500	1798.96	72.03	-3.70	
01/24	17:43:00	475.0000	1795.26	72.04	-3.70	
01/24	17:44:15	476.2500	1791.78	72.05	-3.48	
01/24	17:45:30	477.5000	1788.37	72.06	-3.41	30 MINUTES
01/24	17:46:45	478.7500	1785.03	72.07	-3.34	
01/24	17:48:00	480.0000	1781.97	72.08	-3.05	
01/24	17:49:15	481.2500	1778.84	72.08	-3.13	
01/24	17:50:30	482.5000	1775.86	72.08	-2.99	35 MINUTES
01/24	17:51:45	483.7500	1773.01	72.07	-2.85	
01/24	17:53:00	485.0000	1770.17	72.07	-2.84	
01/24	17:54:15	486.2500	1767.47	72.07	-2.70	
01/24	17:55:30	487.5000	1764.84	72.05	-2.63	40 MINUTES
01/24	17:56:45	488.7500	1762.28	72.05	-2.56	
01/24	17:58:00	490.0000	1759.78	72.03	-2.49	
01/24	17:59:15	491.2500	1757.44	72.02	-2.34	
01/24	18:00:30	492.5000	1755.02	72.00	-2.42	45 MINUTES
01/24	18:01:45	493.7500	1752.81	71.99	-2.21	
01/24	18:03:00	495.0000	1750.33	71.97	-2.48	
01/24	18:04:15	496.2500	1748.41	71.95	-1.93	
01/24	18:05:30	497.5000	1746.27	71.94	-2.14	50 MINUTES
01/24	18:06:45	498.7500	1744.28	71.91	-1.99	
01/24	18:08:00	500.0000	1742.35	71.89	-1.93	
01/24	18:09:15	501.2500	1740.43	71.86	-1.92	
01/24	18:10:30	502.5000	1738.58	71.84	-1.85	55 MINUTES
01/24	18:11:45	503.7500	1736.73	71.81	-1.85	
01/24	18:13:00	505.0000	1734.88	71.79	-1.85	
01/24	18:14:15	506.2500	1732.92	71.76	-1.95	
01/24	18:15:30	507.5000	1731.11	71.74	-1.82	1 HOUR
01/24	18:16:45	508.7500	1729.36	71.72	-1.74	
01/24	18:18:00	510.0000	1727.90	71.69	-1.47	
01/24	18:19:15	511.2500	1726.26	71.67	-1.63	
01/24	18:20:30	512.5000	1724.41	71.65	-1.85	
01/24	18:21:45	513.7500	1723.05	71.62	-1.36	
01/24	18:23:00	515.0000	1721.62	71.60	-1.43	
01/24	18:24:15	516.2500	1719.94	71.57	-1.68	
01/24	18:25:30	517.5000	1718.29	71.56	-1.66	
01/24	18:26:45	518.7500	1717.12	71.54	-1.17	

COMPANY: COLEMAN OIL & GAS, INC.

PAGE 8 OF 8

WELL NAME : JUNIPER WEST SWD NO. 1

DATE : 01/30/08

WELL LOCATION : SAN JUAN COUNTY, NM

FILE REF: F227125.RED

Date	Time	Test Time	Pressure	Temp	deltaP	Comment
MM/DD hh:mm:ss	mmmmmm.mmmmm	Psig	Deg F	Psi	Ga. Press Ref. to 14.7 Psi Atm.	
01/24 18:28:00	520.0000	1715.79	71.52	-1.33		
01/24 18:29:15	521.2500	1714.36	71.51	-1.42		
01/24 18:30:15	522.2500	1713.08	71.50	-1.28		
01/24 18:30:30	522.5000	1700.43	71.49	-12.65		TANDEM ELEC. MEMORY INST. OFF BOTTOM
01/24 18:31:45	523.7500	1694.16	71.43	-6.27		
01/24 18:32:00	524.0000	1683.64	71.42	-10.52		
01/24 18:32:15	524.2500	1663.73	71.41	-19.91		
01/24 18:32:30	524.5000	1630.03	71.40	-33.70		
01/24 18:32:45	524.7500	1603.15	71.39	-26.88		
01/24 18:33:00	525.0000	1575.42	71.37	-27.73		
01/24 18:33:15	525.2500	1543.71	71.35	-31.71		
01/24 18:33:30	525.5000	1517.41	71.37	-26.30		
01/24 18:33:45	525.7500	1485.15	71.39	-32.27		
01/24 18:34:00	526.0000	1457.57	71.41	-27.58		
01/24 18:34:15	526.2500	1431.56	71.43	-26.01		
01/24 18:34:30	526.5000	1407.54	71.45	-24.02		
01/24 18:34:45	526.7500	1386.65	71.46	-20.89		
01/24 18:35:00	527.0000	1361.49	71.48	-25.15		
01/24 18:35:15	527.2500	1331.65	71.50	-29.84		
01/24 18:35:30	527.5000	1298.11	71.51	-33.54		
01/24 18:35:45	527.7500	1262.73	71.54	-35.38		
01/24 18:36:00	528.0000	1227.78	71.56	-34.95		
01/24 18:36:15	528.2500	1190.73	71.71	-37.05		
01/24 18:36:30	528.5000	1152.68	71.82	-38.05		
01/24 18:36:45	528.7500	1117.05	71.93	-35.63		
01/24 18:37:00	529.0000	1086.25	72.04	-30.80		
01/24 18:37:15	529.2500	1050.19	72.15	-36.05		
01/24 18:37:30	529.5000	1021.82	72.26	-28.38		
01/24 18:37:45	529.7500	993.01	72.37	-28.80		
01/24 18:38:00	530.0000	963.08	72.48	-29.94		
01/24 18:38:15	530.2500	930.59	72.59	-32.49		
01/24 18:38:30	530.5000	899.52	72.70	-31.07		
01/24 18:38:45	530.7500	861.92	72.81	-37.60		
01/24 18:39:00	531.0000	823.34	72.92	-38.58		
01/24 18:39:15	531.2500	800.49	72.94	-22.85		
01/24 18:39:30	531.5000	775.74	72.80	-24.74		
01/24 18:39:45	531.7500	744.04	72.67	-31.70		
01/24 18:40:00	532.0000	709.93	72.54	-34.11		
01/24 18:40:15	532.2500	672.55	72.41	-37.38		
01/24 18:40:30	532.5000	631.20	72.27	-41.35		
01/24 18:40:45	532.7500	586.72	72.14	-44.48		
01/24 18:41:00	533.0000	551.05	72.00	-35.68		
01/24 18:41:15	533.2500	528.58	71.88	-22.47		
01/24 18:41:30	533.5000	508.94	71.74	-19.64		
01/24 18:41:45	533.7500	484.20	71.61	-24.74		
01/24 18:42:00	534.0000	458.31	71.47	-25.89		
01/24 18:42:15	534.2500	435.65	71.22	-22.66		
01/24 18:42:30	534.5000	410.35	70.75	-25.30		
01/24 18:42:45	534.7500	396.12	70.28	-14.23		
01/24 18:43:00	535.0000	380.33	69.81	-15.79		
01/24 18:43:15	535.2500	367.37	69.33	-12.96		
01/24 18:44:00	536.0000	361.44	67.92	-5.93		
01/24 18:44:15	536.2500	316.66	67.44	-44.78		
01/24 18:44:30	536.5000	19.52	66.97	-297.14		
01/24 18:44:45	536.7500	5.12	66.50	-14.40		
01/24 18:45:45	537.7500	.01	63.47	-5.11		
01/24 18:46:45	538.7500	.01	60.08	.00		
01/24 18:47:45	539.7500	.01	56.71	.00		
01/24 18:49:00	541.0000	.01	53.51	.00		

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, testis, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MAP

NAME	MEAS. DEP.
Ojo Alamo	320'
Kirtland	465'
Fruitland	897'
Pictured Cliffs	1200'
Lewis	1345'
Chacra	1526'
Cliff House	1932'
Menefee	2100'
Lower Cliff House	2273'
Lower Menefee	2472'
Point Lookout	3615'
Mancos	3820'
Gallup	4460'

Coleman Oil Gas, Inc.
Juniper West SWD #1

SURFACE CASING
8 5/8" CSG. @ 235 FT. KB
CEMENT WITH 165 SXS

**CEMENT TO BE CIRCULATED
TO SURFACE ON SURFACE AND
PRODUCTION CASING**

PRODUCTION CASING
5 1/2", 15.50#, J-55, @ 3640 FT KB.
STAGE #1
CEMENT WITH 146 SXS LITE
TAILED WITH 180 SXS POZ
STAGE #2
CEMENT WITH 133 SXS LITE
TAILED WITH 50 SXS POZ

STAGE COLLAR @ $\pm$ 1255

TUBING STRING
71 JOINTS 2230 FT.
ON/OFF TOOL
ARROW SET IX
PROFILE NIPPLE
BOTTOM OF PACKER @ $\pm$ 2230

PACKER FLUID

2 7/8" INTERNALLY
COATED TUBING

ARROW SET IX PACKER

PERFORATIONS @

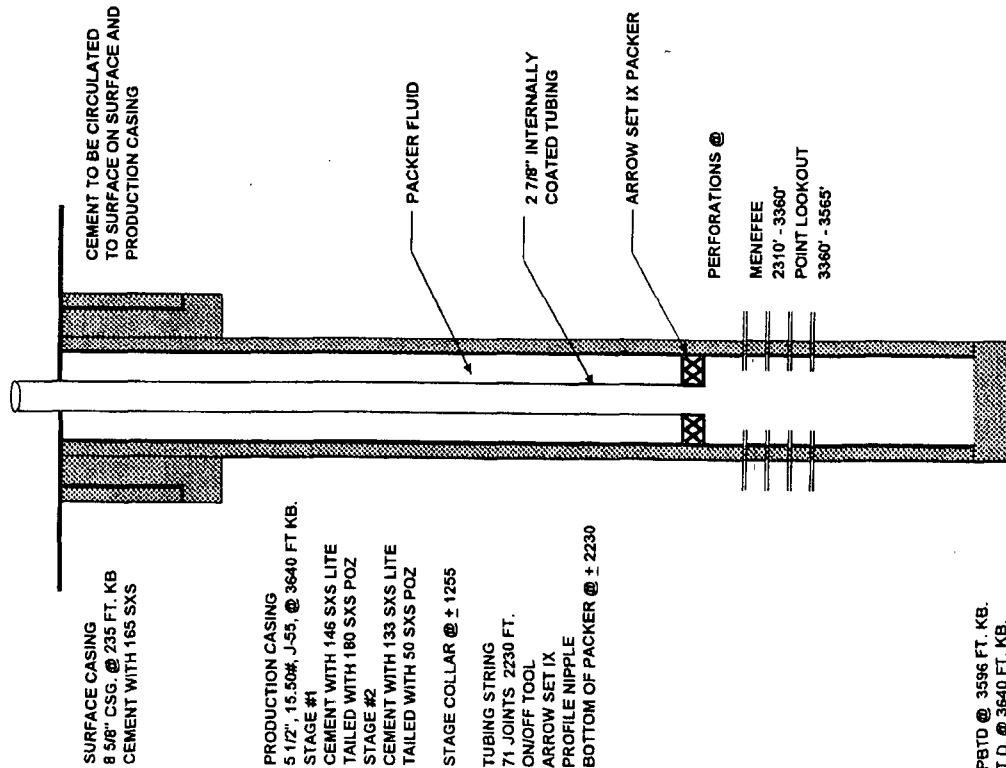
MENEFEE
2310' - 3360'
POINT LOOKOUT
3360' - 3565'

PBTD @ 3596 FT. KB.
T.D. @ 3640 FT. KB.

INJECTION WELL DATA SHEET

OPERATOR: Coleman Oil & Gas, Inc.WELL NAME & NUMBER: Juniper West SWD #1WELL LOCATION: 700 FNL and 1715 FWL
FOOTAGE LOCATIONUNIT LETTER N SECTION 24 TOWNSHIP 24N RANGE 11WWELLBORE SCHEMATICWELL CONSTRUCTION DATA
Surface CasingSURFACE CASING
8 5/8" CSG. @ 235 FT. KB
CEMENT WITH 165 SXSPRODUCTION CASING
5 1/2", 15.50#, J-55, @ 3640 FT KB.
STAGE #1
CEMENT WITH 146 SXS LITE
TAILED WITH 180 SXS POZ
STAGE #2
CEMENT WITH 133 SXS LITE
TAILED WITH 50 SXS POZ

STAGE COLLAR @ ± 1255

TUBING STRING
71 JOINTS 2230 FT.
ON/OFF TOOL
ARROW SET IX
PROFILE NIPPLE
BOTTOM OF PACKER @ ± 2230

Hole Size: 12 1/4" Casing Size: 8 5/8"
 Cemented with: 165 sx. or 195 ft³
 Top of Cement: Surface Method Determined: Observed

Intermediate Casing

Hole Size: Casing Size:
 Cemented with: sx. or ft³
 Top of Cement: Method Determined:

Production Casing

Hole Size: 7 7/8" Casing Size: 5 1/2"
 Cemented with: 146, 180, 133, 50 sx. or 381, 227, 347, 63 ft³
 Top of Cement: Surface Method Determined: Observed

Total Depth: 3640 Ft.Injection Interval

Menefee and Point Lookout
2310 feet to 3565 feet

(Perforated or Open Hole; indicate which) Perforated