

District I - (305) 393-6161
PO Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV

New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95
Submit Original
Plus 2 Copies
to appropriate
District Office

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

THREE COPIES OF THIS APPLICATION MUST BE FILED WITH THE APPROPRIATE DISTRICT OFFICE OF THE OIL CONSERVATION DIVISION.

I. Operator: Amoco Production Company OGRID #: 000778

Address: P.O. Box 800, Denver, Colorado 80201

Contact Party: Patricia J. Archuleta Phone: (303) 830-5217

II. Name of Well: Riddle #1A API #: 3004522121

Location of Well: Unit Letter E, 1756 Feet from the North line and 897 Feet from the West line, Section 21, Township 30N, Range 9W, NMPM, San Juan County.

III. Date Workover Procedures Commenced: 11/20/97

Date Workover Procedures were Completed: 11/20/97

IV. Attach a description of the Workover Procedures undertaken to increase the projection from the Well.

V. Attach an estimate of the production rate of the Well (a production decline curve or other acceptable method, and table showing monthly oil and/or gas Project Production) based on at least twelve (12) months of established production which shows the future rate of production based on well performance prior to performing Workover.

VI. Pool(s) on which Production Projection is based:

Blanco Mesaverde

VII. AFFIDAVIT:

State of Colorado)

) ss.

County of Denver)

Patricia J. Archuleta, being first duly sworn, upon oath states:

1. I am the Operator or authorized representative of the Operator of the above referenced Well.
2. I have made, or caused to be made, a diligent search of the production records which are reasonably available and contain information relevant to the production history of this Well.
3. To the best of my knowledge, the data used to prepare the Production Projection for this Well is complete and accurate and this projection was prepared using sound petroleum engineering principles.

Patricia J. Archuleta
(Name)

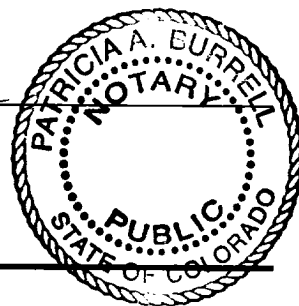
Staff Assistant

(Title)

RECEIVED
NOV 13 1998
OIL CON. DIV.
DIST. 3

SUBSCRIBED AND SWORN TO before me this 9th day of November, 1998.

Patricia A. Burrell
Notary Public



My Commission expires: 11-21-99

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby verifies the Production Projection for the Well Workover Project attached to this application. By copy of this Application and Certification of Approval, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project has been completed as of 11/20, 1998.

35.8
District Supervisor, District 3
Oil Conservation Division

Date: 11/30/98

IX. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT.

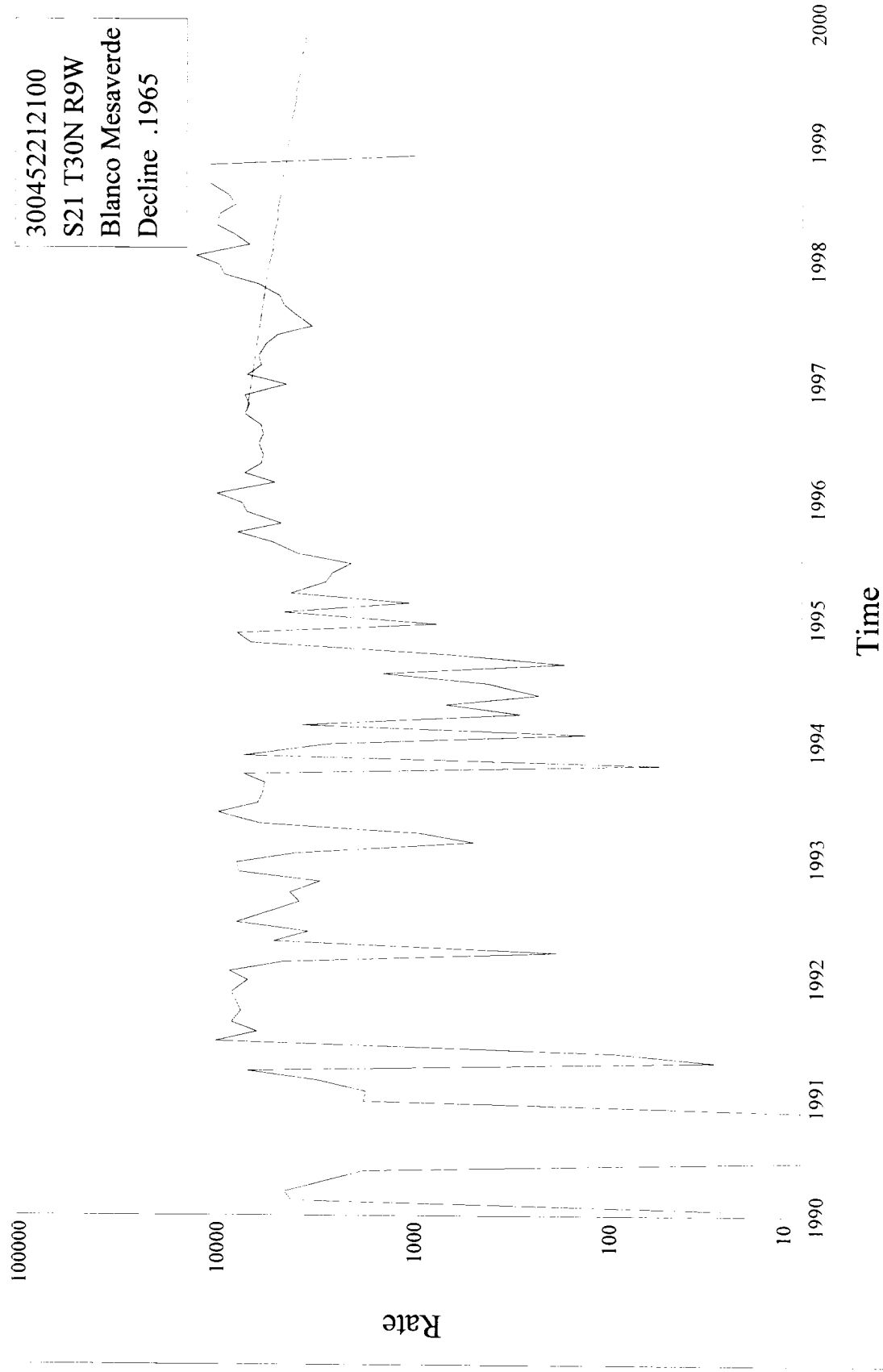
DATE: _____

Amoco Production Company installed a wellhead compressor on this well to increase well production.

Rate/Time Graph

Project: C:\Windows\Temp\rap31B5\RAP00004.mdb

Lease Name: Riddle #1A
County, ST: SAN JUAN, NEW MEXICO



WELL DECLINE TABLE TO SEND TO TULSA TAX GROUP		
WELLNAME	Riddle	
WELLNO	#1A	
POOL	Blanco Mesaverde	
FLAC	97928901	
API	3004522121	
LOCATION	E 21 30N 9W	
MONTH FINALED	11/97	
DECLINE RATE	0.1965	0.1965
Production Months - (Begin with the Month following the Month Finaled)	GAS	OIL
	' Prod. MCF/Month	' Prod. BBL/Month
12/1997	8738.0	23.0
01/1995	8596.1	22.6
02/1992	8456.5	22.3
03/1989	8319.1	21.9
04/1986	8184.0	21.5
05/1983	8051.1	21.2
06/1980	7920.3	20.8
07/1977	7791.7	20.5
08/1974	7665.1	20.2
09/1971	7540.6	19.8
10/1968	7418.2	19.5
11/1965	7297.7	19.2
12/1962	7179.2	18.9
01/1960	7062.6	18.6
02/1957	6947.8	18.3
03/1954	6835.0	18.0
04/1951	6724.0	17.7
05/1948	6614.8	17.4
06/1945	6507.3	17.1
07/1942	6401.7	16.9
08/1939	6297.7	16.6
09/1936	6195.4	16.3
10/1933	6094.8	16.0
11/1930	5995.8	15.8
12/1927	5898.4	15.5
01/1925	5802.6	15.3
02/1922	5708.4	15.0
03/1919	5615.6	14.8
04/1916	5524.4	14.5

WELLNAME	Riddle	
WELLNO	#1A	
05/1913	5434.7	14.3
06/1910	5346.4	14.1
07/1907	5259.6	13.8
08/1904	5174.2	13.6
09/1901	5090.1	13.4
12/1997	5007.5	13.2
01/1995	4926.1	13.0
12/1997	4846.1	12.8
01/1995	4767.4	12.5
12/1997	4690.0	12.3
01/1995	4613.8	12.1
12/1997	4538.9	11.9
01/1995	4465.2	11.8
12/1997	4392.6	11.6
01/1995	4321.3	11.4
12/1997	4251.1	11.2
01/1995	4182.1	11.0
12/1997	4114.1	10.8
01/1995	4047.3	10.7
12/1997	3981.6	10.5
01/1995	3916.9	10.3
12/1997	3853.3	10.1
01/1995	3790.7	10.0
12/1997	3729.2	9.8
01/1995	3668.6	9.7
12/1997	3609.0	9.5
01/1995	3550.4	9.3
12/1997	3492.7	9.2
01/1995	3436.0	9.0
12/1997	3380.2	8.9
01/1995	3325.3	8.8
12/1997	3271.3	8.6
01/1995	3218.1	8.5
12/1997	3165.9	8.3
01/1995	3114.5	8.2
12/1997	3063.9	8.1
01/1995	3014.1	7.9
12/1997	2965.2	7.8
01/1995	2917.0	7.7
12/1997	2869.6	7.6
01/1995	2823.0	7.4
12/1997	2777.2	7.3
01/1995	2732.1	7.2
12/1997	2687.7	7.1
01/1995	2644.0	7.0
12/1997	2601.1	6.8
01/1995	2558.8	6.7
12/1997	2517.3	6.6
01/1995	2476.4	6.5

WELLNAME	Riddle	
WELLNO	#1A	
12/1997	2436.2	6.4
01/1995	2396.6	6.3
12/1997	2357.7	6.2
01/1995	2319.4	6.1
12/1997	2281.7	6.0
01/1995	2244.7	5.9
12/1997	2208.2	5.8
01/1995	2172.3	5.7
12/1997	2137.1	5.6
01/1995	2102.4	5.5
12/1997	2068.2	5.4
01/1995	2034.6	5.4
12/1997	2001.6	5.3
01/1995	1969.1	5.2
12/1997	1937.1	5.1
01/1995	1905.6	5.0
12/1997	1874.7	4.9
01/1995	1844.2	4.9
12/1997	1814.3	4.8
01/1995	1784.8	4.7
12/1997	1755.8	4.6
01/1995	1727.3	4.5
12/1997	1699.2	4.5
01/1995	1671.6	4.4
12/1997	1644.5	4.3
01/1995	1617.8	4.3
12/1997	1591.5	4.2
01/1995	1565.7	4.1
12/1997	1540.2	4.1
01/1995	1515.2	4.0
12/1997	1490.6	3.9
01/1995	1466.4	3.9
12/1997	1442.6	3.8
01/1995	1419.1	3.7
12/1997	1396.1	3.7
01/1995	1373.4	3.6
12/1997	1351.1	3.6
01/1995	1329.2	3.5
12/1997	1307.6	3.4
01/1995	1286.3	3.4
12/1997	1265.5	3.3
01/1995	1244.9	3.3
12/1997	1224.7	3.2
01/1995	1204.8	3.2
12/1997	1185.2	3.1
01/1995	1166.0	3.1
12/1997	1147.0	3.0
01/1995	1128.4	3.0
12/1997	1110.1	2.9

WELLNAME	Riddle	
WELLNO	#1A	
01/1995	1092.0	2.9
12/1997	1074.3	2.8
01/1995	1056.9	2.8
12/1997	1039.7	2.7
01/1995	1022.8	2.7
12/1997	1006.2	2.6
01/1995	989.9	2.6
12/1997	973.8	2.6
01/1995	958.0	2.5
12/1997	942.4	2.5
01/1995	927.1	2.4
12/1997	912.0	2.4
01/1995	897.2	2.4
12/1997	882.7	2.3
01/1995	868.3	2.3
12/1997	854.2	2.2
01/1995	840.3	2.2
12/1997	826.7	2.2
01/1995	813.3	2.1
12/1997	800.1	2.1
01/1995	787.1	2.1
12/1997	774.3	2.0
01/1995	761.7	2.0
12/1997	749.3	2.0
01/1995	737.2	1.9
12/1997	725.2	1.9
01/1995	713.4	1.9
12/1997	701.8	1.8
01/1995	690.4	1.8
12/1997	679.2	1.8
01/1995	668.2	1.8
12/1997	657.3	1.7
01/1995	646.7	1.7
12/1997	636.2	1.7
01/1995	625.8	1.6
12/1997	615.7	1.6
01/1995	605.7	1.6
12/1997	595.8	1.6
01/1995	586.1	1.5
12/1997	576.6	1.5
01/1995	567.3	1.5
12/1997	558.0	1.5
01/1995	549.0	1.4
12/1997	540.1	1.4
01/1995	531.3	1.4
12/1997	522.7	1.4
01/1995	514.2	1.4
12/1997	505.8	1.3
01/1995	497.6	1.3

WELLNAME	Riddle	
WELLNO	#1A	
12/1997	489.5	1.3
01/1995	481.6	1.3
12/1997	473.8	1.2
01/1995	466.1	1.2
12/1997	458.5	1.2
01/1995	451.0	1.2
12/1997	443.7	1.2
01/1995	436.5	1.1
12/1997	429.4	1.1
01/1995	422.4	1.1
12/1997	415.6	1.1
01/1995	408.8	1.1
12/1997	402.2	1.1
01/1995	395.7	1.0
12/1997	389.2	1.0
01/1995	382.9	1.0
12/1997	376.7	1.0
01/1995	370.6	1.0
12/1997	364.6	1.0
01/1995	358.6	0.9
12/1997	352.8	0.9
01/1995	347.1	0.9
12/1997	341.4	0.9
01/1995	335.9	0.9
12/1997	330.4	0.9
01/1995	325.1	0.9
12/1997	319.8	0.8
01/1995	314.6	0.8
12/1997	309.5	0.8
01/1995	304.5	0.8
12/1997	299.5	0.8
01/1995	294.7	0.8
12/1997	289.9	0.8
01/1995	285.2	0.8
12/1997	280.5	0.7
01/1995	276.0	0.7
12/1997	271.5	0.7
01/1995	267.1	0.7
12/1997	262.7	0.7
01/1995	258.5	0.7
12/1997	254.3	0.7
01/1995	250.2	0.7
12/1997	246.1	0.6
01/1995	242.1	0.6
12/1997	238.2	0.6
01/1995	234.3	0.6
12/1997	230.5	0.6
01/1995	226.7	0.6
12/1997	223.1	0.6

WELLNAME	Riddle	
WELLNO	#1A	
01/1995	219.4	0.6
12/1997	215.9	0.6
01/1995	212.4	0.6
12/1997	208.9	0.5
01/1995	205.5	0.5
12/1997	202.2	0.5
01/1995	198.9	0.5
12/1997	195.7	0.5
01/1995	192.5	0.5
12/1997	189.4	0.5
01/1995	186.3	0.5
12/1997	183.3	0.5
01/1995	180.3	0.5
12/1997	177.4	0.5
01/1995	174.5	0.5
12/1997	171.6	0.5
01/1995	168.9	0.4
12/1997	166.1	0.4
01/1995	163.4	0.4
12/1997	160.8	0.4
01/1995	158.2	0.4
12/1997	155.6	0.4
01/1995	153.1	0.4
12/1997	150.6	0.4
01/1995	148.1	0.4
12/1997	145.7	0.4
01/1995	143.4	0.4
12/1997	141.0	0.4
01/1995	138.7	0.4
12/1997	136.5	0.4
01/1995	134.3	0.4
12/1997	132.1	0.3
01/1995	129.9	0.3
12/1997	127.8	0.3
01/1995	125.8	0.3
12/1997	123.7	0.3
01/1995	121.7	0.3
12/1997	119.7	0.3
01/1995	117.8	0.3
12/1997	115.9	0.3
01/1995	114.0	0.3
12/1997	112.1	0.3
01/1995	110.3	0.3
12/1997	108.5	0.3
01/1995	106.8	0.3
12/1997	105.0	0.3
01/1995	103.3	0.3
12/1997	101.6	0.3
01/1995	100.0	0.3

WELLNAME	Riddle	
WELLNO	#1A	
12/1997	98.4	0.3
01/1995	96.8	0.3
12/1997	95.2	0.3
01/1995	93.6	0.2
12/1997	92.1	0.2
01/1995	90.6	0.2
12/1997	89.2	0.2
01/1995	87.7	0.2
12/1997	86.3	0.2
01/1995	84.9	0.2
12/1997	83.5	0.2
01/1995	82.2	0.2
12/1997	80.8	0.2
01/1995	79.5	0.2
12/1997	78.2	0.2
01/1995	76.9	0.2
12/1997	75.7	0.2
01/1995	74.5	0.2
12/1997	73.3	0.2
01/1995	72.1	0.2
12/1997	70.9	0.2
01/1995	69.7	0.2
12/1997	68.6	0.2
01/1995	67.5	0.2
12/1997	66.4	0.2
01/1995	65.3	0.2
12/1997	64.3	0.2
01/1995	63.2	0.2
12/1997	62.2	0.2
01/1995	61.2	0.2
12/1997	60.2	0.2
01/1995	59.2	0.2
12/1997	58.2	0.2
01/1995	57.3	0.2
12/1997	56.4	0.1
01/1995	55.5	0.1
12/1997	54.6	0.1
01/1995	53.7	0.1
12/1997	52.8	0.1
01/1995	51.9	0.1
12/1997	51.1	0.1
01/1995	50.3	0.1
12/1997	49.4	0.1
01/1995	48.6	0.1
12/1997	47.9	0.1
01/1995	47.1	0.1
12/1997	46.3	0.1
01/1995	45.6	0.1
12/1997	44.8	0.1

WELLNAME	Riddle	
WELLNO	#1A	
01/1995	44.1	0.1
12/1997	43.4	0.1
01/1995	42.7	0.1
12/1997	42.0	0.1
01/1995	41.3	0.1
12/1997	40.6	0.1
01/1995	40.0	0.1
12/1997	39.3	0.1
01/1995	38.7	0.1
12/1997	38.1	0.1
01/1995	37.4	0.1
12/1997	36.8	0.1
01/1995	36.2	0.1
12/1997	35.6	0.1
01/1995	35.1	0.1
12/1997	34.5	0.1
01/1995	33.9	0.1
12/1997	33.4	0.1
01/1995	32.8	0.1
12/1997	32.3	0.1
01/1995	31.8	0.1
12/1997	31.3	0.1
01/1995	30.8	0.1
12/1997	30.3	0.1
01/1995	29.8	0.1
12/1997	29.3	0.1
01/1995	28.8	0.1
12/1997	28.3	0.1
01/1995	27.9	0.1
12/1997	27.4	0.1
01/1995	27.0	0.1
12/1997	26.5	0.1
01/1995	26.1	0.1
12/1997	25.7	0.1
01/1995	25.3	0.1
12/1997	24.9	0.1
01/1995	24.5	0.1
12/1997	24.1	0.1
01/1995	23.7	0.1
12/1997	23.3	0.1
01/1995	22.9	0.1
12/1997	22.5	0.1
01/1995	22.2	0.1
12/1997	21.8	0.1
01/1995	21.5	0.1
12/1997	21.1	0.1
01/1995	20.8	0.1
12/1997	20.4	0.1
01/1995	20.1	0.1

WELLNAME	Riddle	
WELLNO	#1A	
12/1997	19.8	0.1
01/1995	19.4	0.1
12/1997	19.1	0.1
01/1995	18.8	0.0
12/1997	18.5	0.0
01/1995	18.2	0.0
12/1997	17.9	0.0
01/1995	17.6	0.0
12/1997	17.3	0.0
01/1995	17.1	0.0
12/1997	16.8	0.0
01/1995	16.5	0.0
12/1997	16.2	0.0
01/1995	16.0	0.0
12/1997	15.7	0.0
01/1995	15.5	0.0
12/1997	15.2	0.0
01/1995	15.0	0.0
12/1997	14.7	0.0
01/1995	14.5	0.0
12/1997	14.2	0.0
01/1995	14.0	0.0
12/1997	13.8	0.0
01/1995	13.6	0.0
12/1997	13.3	0.0
01/1995	13.1	0.0
12/1997	12.9	0.0
01/1995	12.7	0.0
12/1997	12.5	0.0
01/1995	12.3	0.0
12/1997	12.1	0.0
01/1995	11.9	0.0
12/1997	11.7	0.0
01/1995	11.5	0.0
12/1997	11.3	0.0
01/1995	11.1	0.0
12/1997	11.0	0.0
01/1995	10.8	0.0
12/1997	10.6	0.0
01/1995	10.4	0.0
12/1997	10.3	0.0
01/1995	10.1	0.0
12/1997	9.9	0.0
01/1995	9.8	0.0
12/1997	9.6	0.0
01/1995	9.5	0.0
12/1997	9.3	0.0
01/1995	9.2	0.0
12/1997	9.0	0.0

WELLNAME	Riddle	
WELLNO	#1A	
01/1995	8.9	0.0
12/1997	8.7	0.0
01/1995	8.6	0.0
12/1997	8.4	0.0
01/1995	8.3	0.0
12/1997	8.2	0.0
01/1995	8.0	0.0
12/1997	7.9	0.0
01/1995	7.8	0.0
12/1997	7.6	0.0
01/1995	7.5	0.0
12/1997	7.4	0.0
01/1995	7.3	0.0
12/1997	7.2	0.0
01/1995	7.0	0.0
12/1997	6.9	0.0
01/1995	6.8	0.0
12/1997	6.7	0.0
01/1995	6.6	0.0
12/1997	6.5	0.0
01/1995	6.4	0.0
12/1997	6.3	0.0
01/1995	6.2	0.0
12/1997	6.1	0.0
01/1995	6.0	0.0
12/1997	5.9	0.0
01/1995	5.8	0.0
12/1997	5.7	0.0
01/1995	5.6	0.0
12/1997	5.5	0.0
01/1995	5.4	0.0
12/1997	5.3	0.0
01/1995	5.2	0.0
12/1997	5.2	0.0
01/1995	5.1	0.0
12/1997	5.0	0.0
01/1995	4.9	0.0
12/1997	4.8	0.0
01/1995	4.8	0.0
12/1997	4.7	0.0
01/1995	4.6	0.0
12/1997	4.5	0.0
01/1995	4.5	0.0
12/1997	4.4	0.0
01/1995	4.3	0.0
12/1997	4.2	0.0
01/1995	4.2	0.0
12/1997	4.1	0.0
01/1995	4.0	0.0

WELLNAME	Riddle	
WELLNO	#1A	
12/1997	4.0	0.0
01/1995	3.9	0.0
12/1997	3.8	0.0
01/1995	3.8	0.0
12/1997	3.7	0.0
01/1995	3.7	0.0
12/1997	3.6	0.0
01/1995	3.5	0.0
12/1997	3.5	0.0
01/1995	3.4	0.0
12/1997	3.4	0.0
01/1995	3.3	0.0
12/1997	3.3	0.0
01/1995	3.2	0.0
12/1997	3.2	0.0
01/1995	3.1	0.0
12/1997	3.1	0.0
01/1995	3.0	0.0
12/1997	3.0	0.0
01/1995	2.9	0.0
12/1997	2.9	0.0
01/1995	2.8	0.0
12/1997	2.8	0.0
01/1995	2.7	0.0
12/1997	2.7	0.0
01/1995	2.6	0.0
12/1997	2.6	0.0
01/1995	2.6	0.0
12/1997	2.5	0.0
01/1995	2.5	0.0
12/1997	2.4	0.0
01/1995	2.4	0.0
12/1997	2.4	0.0
01/1995	2.3	0.0
12/1997	2.3	0.0
01/1995	2.2	0.0
12/1997	2.2	0.0
01/1995	2.2	0.0
12/1997	2.1	0.0
01/1995	2.1	0.0
12/1997	2.1	0.0
01/1995	2.0	0.0
12/1997	2.0	0.0
01/1995	2.0	0.0
12/1997	1.9	0.0
01/1995	1.9	0.0
12/1997	1.9	0.0
01/1995	1.8	0.0
12/1997	1.8	0.0

WELLNAME	Riddle		
WELLNO	#1A		
01/1995	1.8	0.0	
12/1997	1.8	0.0	
01/1995	1.7	0.0	
12/1997	1.7	0.0	
01/1995	1.7	0.0	
12/1997	1.6	0.0	
01/1995	1.6	0.0	
12/1997	1.6	0.0	
01/1995	1.6	0.0	
12/1997	1.5	0.0	
01/1995	1.5	0.0	
12/1997	1.5	0.0	
01/1995	1.5	0.0	
12/1997	1.4	0.0	
01/1995	1.4	0.0	
12/1997	1.4	0.0	
01/1995	1.4	0.0	
12/1997	1.3	0.0	
01/1995	1.3	0.0	
12/1997	1.3	0.0	
01/1995	1.3	0.0	
12/1997	1.3	0.0	
01/1995	1.2	0.0	
12/1997	1.2	0.0	
01/1995	1.2	0.0	
12/1997	1.2	0.0	
01/1995	1.2	0.0	
12/1997	1.1	0.0	
01/1995	1.1	0.0	
12/1997	1.1	0.0	
01/1995	1.1	0.0	
12/1997	1.1	0.0	
01/1995	1.1	0.0	
12/1997	1.0	0.0	
01/1995	1.0	0.0	
12/1997	1.0	0.0	
01/1995	1.0	0.0	
12/1997	1.0	0.0	
01/1995	1.0	0.0	