

District I - (505) 393-6161
1625 N. French Dr, Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 So. St. Francis Dr., Santa Fe, NM 87505

New Mexico
Energy Minerals and Natural Resources Department

Form C-140
Revised June 10, 2003

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

14-05-00020

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address CHEVRON U.S.A. INC. 15 SMITH ROAD MIDLAND, TX 79705						OGRID Number 4323		
Contact Party DENISE PINKERTON						Phone 432-687-7375		
Property Name VACUUM GRAYBURG SAN ANDRES UNIT					Well Number 122	API Number 30-025-30721		
UL H	Section 1	Township 18-S	Range 34-E	Feet From The 1336'	North/South Line NORTH	Feet From The 660'	East/West Line EAST	County LEA

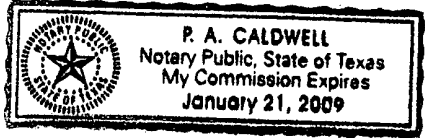
II. Workover:

Date Workover Commenced: 11-11-04	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 11-22-04	VACUUM GRAYBURG SAN ANDRES - DRILL OUT CIBP & ACIDIZE

III. Attach a description of the Workover Procedures performed to increase production.

IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase.

V. AFFIDAVIT:

State of NEW MEXICO)
County of LEA) ss.
DENISE PINKERTON, 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 reasonably available for this Well.
3. To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.
Signature Denise Pinkerton Title REGULATORY SPECIALIST Date 5-17-05
E-mail Address leakejd@chevrontexaco.com
SUBSCRIBED AND SWORN TO before me this 23 day of May, 20 05.
My Commission expires: Jan. 21, 2009 Notary Public


FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on

11/22/2004

Signature District Supervisor <u>[Signature]</u>	OCD District <u>1</u>	Date <u>6/2/05</u>
---	--------------------------	-----------------------

VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-025-30721
5. Indicate Type of Lease	STATE ☒ FEE ☐
6. State Oil / Gas Lease No.	857948
7. Lease Name or Unit Agreement Name	VACUUM GRAYBURG SAN ANDRES UNIT
8. Well No.	122
9. Pool Name or Wildcat	VACUUM GRAYBURG SAN ANDRES
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3996' KB

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMI (FORM C-101) FOR SUCH PROPOSALS.

1. Type of Well:	OIL WELL ☒ GAS WELL ☐ OTHER ☐
2. Name of Operator	CHEVRON USA INC
3. Address of Operator	15 SMITH ROAD, MIDLAND, TX 79705
4. Well Location	Unit Letter <u>H</u> : <u>1336</u> Feet From The <u>NORTH</u> Line and <u>660</u> Feet From The <u>EAST</u> Line Section <u>1</u> Township <u>18S</u> Range <u>34E</u> NMPM <u>LEA</u> COUNTY
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3996' KB

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

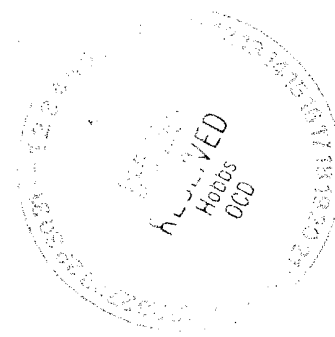
NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☒	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPERATION ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER: ☐	CASING TEST AND CEMENT JOB ☐	OTHER: ☒
OTHER: ☐		DRILL OUT CIBP, & ACIDIZE ☒	

12. 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.

11-11-04: MIRU REV UNIT. MIRU KEY PU. PMP 70 BBLS HOT OIL DN CSG. PULL UP ON TBG.
11-12-04: RU REV UNIT. TOH W/PROD TBG. PMP 40 BBLS 10# BW DN CSG. SUB PUMP PARTED BETWEEN GAS SEP & SEAL. TIH W/124 JTS 2 7/8" WS TO 4062.
11-15-04: DISPL W/10# BRINE. TIH & TAG @ 4512. PUH TO 3923.
11-16-04: TIH TO 4512. D/O 5' OF FILL & CIBP @ 4512. PUSH CIBP DN HOLE WHILE TURNING TO 4662. PU PKR & SET @ 4173.
11-17-04: STIM PERFS 4252-4618 W/4000 GALS 15% ACID. RU SWAB.
11-18-04: REL PKR. TIH TO PBTD @ 4662. NO FILL. TIH & SET PKR @ 4173. PUMP CHEMICAL SQUEEZE: 30 BBLS PRE-PAD, 83 GALS RE 4777SCW MIX W/66 BW, 200 GALS WTR FLUSH, 100 BW W/XC402 BIO CIDE.
11-19-04: REL PKR & TOH. PU SUB PUMP. TIH W/138 JTS 2 7/8" TBG. MAKE ELECT. CONNECTION TO WH.
11-22-04: RIG DOWN. TURN WELL OVER TO PRODUCTION.
FINAL REPORT



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Denise Leake TITLE Regulatory Specialist DATE 11/30/2004
TYPE OR PRINT NAME Denise Leake Telephone No. 915-687-7375

(This space for State Use)

APPROVED

CONDITIONS OF APPROVAL, IF ANY:

TITLE SIGNED BY
GARY W. WINK
OC FIELD REPRESENTATIVE II/STAFF MANAGER

DATE

Name: 122 ID: 30025307210001 Type: Completion Format: [p] Comp - CDProd_Test vs Time

WELL_LABEL:VGS AU122

FIELD_CODE:T49

PROD_METH:PS

LASTOCUM:437.3581

CHEVNO:KU3239

FIELD:FLD-VACUUM

CLASS_CODE:OI

LASTGCUM:340.0630

SIDETRACK:0

LEASE:VACUUM (GRAYBURG-SAN ANDRES) U

WMP_CODE:BCT492200

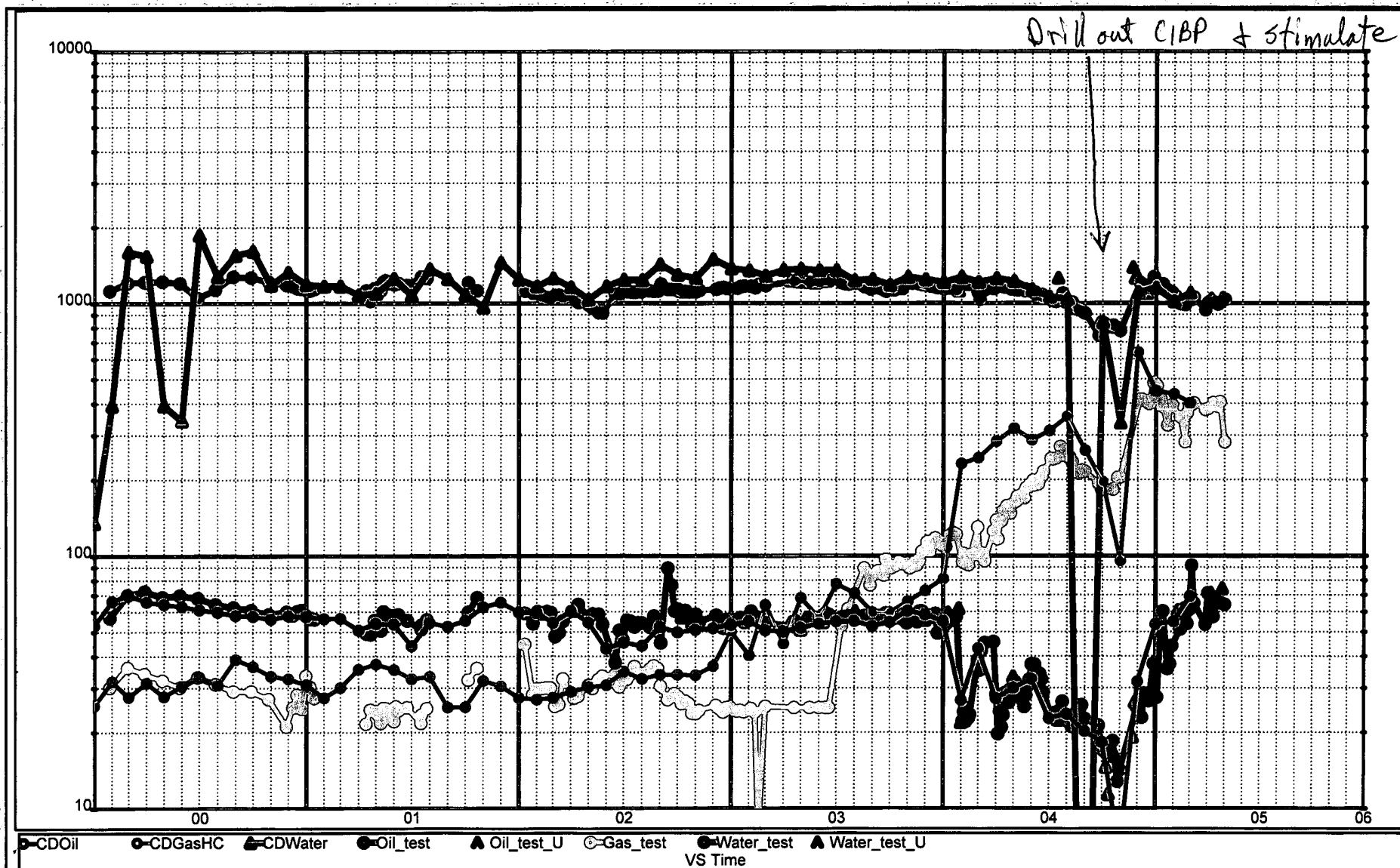
CC_NM:VACCUUM GREYBURG SAN ANDRES UT

COMP_NUM:01

SEC-T-R:1 - S018 - E034

RES_CODE:0000006849

RES:GRAYBURG/SAN ANDRES



Well	Completion Number	Completion Date	Top MD	Bot MD	Reservoir	Field	Lease
122	01	07/01/1990	0	0	GRAYBURG/SAN ANDR	FLD-VACUUM	VGSAU 122 VGSA

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
05-09-2005		62.07	344.16	5544.7	983.64	94.1	38.4	PS	0	120	118	0
05-05-2005		72	310.62	4314.1	1023.6	93.4	38.4	PS	0	120	118	0
05-01-2005		64.02	281.13	4391.2	1032.96	94.2	38.4	PS	0	120	118	0
04-23-2005		65.22	405.3	6214.3	1006.05	93.9	38.4	PS	0	120	118	0
04-19-2005		65.61	388.2	5916.7	987.57	93.8	38.4	PS	0	120	118	0
04-15-2005		68.22	406.65	5960.8	1029.75	93.8	38.4	PS	0	120	118	0
04-11-2005		57.36	401.73	7003.6	1009.29	94.6	38.4	PS	0	120	118	0
04-02-2005		71.13	381.3	5360.6	1005.03	93.4	38.4	PS	0	120	118	0
03-28-2005		53.52	377.94	7061.6	939.33	94.6	38.4	PS	0	120	118	0
03-08-2005		64.95	401.19	6176.9	1053.9	94.2	38.4	PS	0	120	118	0
03-04-2005		91.35	395.34	4327.7	1032.93	91.9	38.4	PS	0	120	118	0
02-28-2005		61.23	389.4	6359.6	1034.43	94.4	38.4	PS	0	120	118	0
02-24-2005		53.88	365.91	6791.2	1023.54	95	38.4	PS	0	120	118	0
02-20-2005		61.83	282.06	4561.8	982.92	94.1	38.4	PS	0	120	118	0
02-12-2005		51.18	353.73	6911.4	992.25	95.1	38.4	PS	0	120	118	0
01-29-2005		44.07	393.9	8938.0	1100.88	96.2	38.4	PS	0	120	118	0
01-25-2005		37.26	388.92	10438.	1106.64	96.7	38.4	PS	0	120	118	0
01-21-2005		35.7	327.33	9168.9	1121.64	96.9	38.4	PS	0	120	118	0
01-13-2005		60.3	388.08	6435.8	1187.31	95.2	38.4	PS	0	120	118	0
01-09-2005		50.31	416.58	8280.2	1169.52	95.9	38.4	PS	0	120	118	0
01-03-2005		27.51	469.44	17064.	1181.46	97.7	38.4	PS	0	120	118	0
12-28-2004		37.41	483.21	12916.	1273.02	97.1	38.4	PS	0	120	118	0
12-22-2004		0	0	0	0	0	38.4	PS	0	120	118	0
12-20-2004		26.64	398.55	14960.	1156.62	97.7	38.4	PS	0	120	118	0
12-12-2004		28.5	410.04	14387.	1177.83	97.6	38.4	PS	0	120	118	0
12-08-2004		22.89	414.63	18114.	1143.81	98	38.4	PS	0	120	118	0
12-04-2004		27.09	414.42	15297.	1201.74	97.8	38.4	PS	0	120	118	0
10-31-2004		14.16	203.88	14398.	776.4	98.2	38.4	PS	0	120	118	0
10-27-2004		12.78	203.28	15906.	796.2	98.4	38.4	PS	0	120	118	0
10-19-2004		18.48	182.85	9894.4	815.04	97.8	38.4	PS	0	120	118	0
10-03-2004		16.92	182.85	10806.	830.64	98	38.4	PS	0	120	118	0
09-29-2004		18.06	182.85	10124.	838.95	97.9	38.4	PS	0	120	118	0
09-24-2004		21.3	192.6	9042.2	745.26	97.2	38.4	PS	0	120	118	0
08-31-2004		22.6	215.44	9532.7	910.88	97.6	38.4	PS	0	120	118	0
08-26-2004		25.6	217.04	8478.1	926.92	97.3	38.4	PS	0	120	118	0
08-21-2004		25.5	211.66	8300.3	936.46	97.3	38.4	PS	0	120	118	0
08-09-2004		21.04	234.9	11164.	1004.34	97.9	38.4	PS	0	120	118	0
08-05-2004		22.08	244.68	11081.	1009.64	97.9	38.4	PS	0	120	118	0
08-04-2004		0	0	0	0	0	38.4	PS	0	120	118	0
08-01-2004		22.12	246.42	11140.	1005.4	97.8	38.4	PS	0	120	118	0
07-28-2004		22.8	255.98	11227.	1009.24	97.8	38.4	PS	0	120	118	0
07-24-2004		26.48	249.14	9408.6	1093.32	97.6	38.4	PS	0	120	118	0
07-20-2004		24.46	270.16	11044.	1047.52	97.7	38.4	PS	0	120	118	0
07-12-2004		23.92	242.38	10132.	1014.18	97.7	38.4	PS	0	120	118	0
07-08-2004		23.64	240.96	10192.	1019.28	97.7	38.4	PS	0	120	118	0
07-04-2004		23.5	242.02	10298.	1028.3	97.8	38.4	PS	0	120	118	0
06-21-2004		28.8	215.14	7470.1	1053.94	97.3	38.4	PS	0	120	118	0
06-18-2004		32.44	206.52	6366.2	1078.92	97.1	38.4	PS	0	120	118	0
06-15-2004		34.06	200.88	5897.8	1076.24	96.9	38.4	PS	0	120	118	0
06-12-2004		32.26	191.38	5932.4	1073.74	97.1	38.4	PS	0	120	118	0
06-09-2004		31.92	193.34	6057.0	1069.68	97.1	38.4	PS	0	120	118	0
06-06-2004		37.1	189.88	5118.0	1102.48	96.7	38.4	PS	0	120	118	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift/Gas Rate
06-03-2004		32.42	198.08	6109.8	1099.94	97.1	38.4	PS	0	120	118	0
05-31-2004		37.22	190.24	5111.2	1112.36	96.8	38.4	PS	0	120	118	0
05-28-2004		32.36	190.14	5875.7	1118.14	97.2	38.4	PS	0	120	118	0
05-25-2004		30.6	186.12	6082.3	1126.94	97.4	38.4	PS	0	120	118	0
05-22-2004		28.08	185.04	6589.7	1132.52	97.6	38.4	PS	0	120	118	0
05-19-2004		25.22	168.84	6694.6	1116.96	97.8	38.4	PS	0	120	118	0
05-16-2004		26.68	175.48	6577.2	1126.36	97.7	38.4	PS	0	120	118	0
05-13-2004		28.38	171.92	6057.7	1131.06	97.6	38.4	PS	0	120	118	0
05-10-2004		27.62	170.66	6178.8	1140.32	97.6	38.4	PS	0	120	118	0
05-07-2004		30.26	171.2	5657.6	1125.04	97.4	38.4	PS	0	120	118	0
05-05-2004		30.68	163.66	5334.4	1127.76	97.4	38.4	PS	0	120	118	0
05-03-2004		31.68	163.08	5147.7	1131.88	97.3	38.4	PS	0	120	118	0
04-27-2004		28.06	158.94	5664.2	1143.22	97.6	38.4	PS	0	120	118	0
04-25-2004		29.56	146.96	4971.5	1140.82	97.5	38.4	PS	0	120	118	0
04-22-2004		26.24	154.36	5882.6	1150.48	97.8	38.4	PS	0	120	118	0
04-21-2004		0	0	0	0	0	38.4	PS	0	120	118	0
04-19-2004		26.68	157.1	5888.3	1150.8	97.7	38.4	PS	0	200	116	0
04-16-2004		28.6	146.32	5116.0	1154.28	97.6	38.4	PS	0	200	116	0
04-13-2004		23.4	150.06	6412.8	1159.12	98	38.4	PS	0	200	116	0
04-10-2004		20.96	137.28	6549.6	1164.58	98.2	38.4	PS	0	200	116	0
04-07-2004		24.16	135.54	5610.0	1166.44	98	38.4	PS	0	200	116	0
04-04-2004		19.68	116.12	5900.4	1205.58	98.4	38.4	PS	0	200	116	0
04-01-2004		28.3	137.8	4869.2	1168.64	97.6	38.4	PS	0	200	116	0
03-27-2004		45.53	124.97	2744.7	1138.54	96.2	38.4	PS	0	200	116	0
03-12-2004		45.17	95.02	2103.6	1130.57	96.2	38.4	PS	0	200	116	0
03-06-2004		42.07	102.22	2429.7	1117.69	96.4	38.4	PS	0	200	116	0
03-03-2004		35.19	100.07	2843.7	1034.63	96.7	38.4	PS	0	200	116	0
02-29-2004		38.64	129.26	3345.2	1098.74	96.6	38.4	PS	0	200	116	0
02-15-2004		23.5	97.48	4148.0	1186.2	98.1	38.4	PS	0	150	48	0
02-13-2004		22.74	91.68	4031.6	1185.66	98.1	38.4	PS	0	150	48	0
02-10-2004		24.88	96.24	3868.1	1186.46	97.9	38.4	PS	0	150	48	0
02-08-2004		22.06	92.84	4208.5	1188.94	98.2	38.4	PS	0	150	48	0
02-05-2004		24.1	101.74	4221.5	1185.74	98	38.4	PS	0	150	48	0
02-03-2004		22.2	94.34	4249.5	1192.62	98.2	38.4	PS	0	150	48	0
01-29-2004		0	0	0	0	0	38.4	PS	0	150	48	0
01-23-2004		57.36	121.06	2110.5	1121.02	95.1	38.4	PS	0	150	46	0
01-20-2004		0	0	0	0	0	38.4	PS	0	150	46	0
01-18-2004		57	122.76	2153.6	1148.34	95.3	38.4	PS	0	150	44	0
01-14-2004		55.34	120.74	2181.7	1143.38	95.4	38.4	PS	0	150	44	0
01-05-2004		53.54	108.3	2022.7	1142.36	95.5	38.4	PS	0	150	44	0
12-31-2003		55.8	109.2	1956.9	1148.46	95.4	38.4	PS	0	150	44	0
12-27-2003		55.36	112.3	2028.5	1147.78	95.4	38.4	PS	0	150	44	0
12-22-2003		49.4	113.52	2297.9	1148.52	95.9	38.4	PS	0	150	44	0
12-18-2003		58.96	117.14	1986.7	1153.6	95.1	38.4	PS	0	150	44	0
12-13-2003		57	114.54	2009.4	1165.56	95.3	38.4	PS	0	150	44	0
12-09-2003		57.56	104.9	1822.4	1166.48	95.3	38.4	PS	0	150	44	0
12-04-2003		58.2	113	1941.5	1181.88	95.3	38.4	PS	0	150	44	0
11-25-2003		60.2	103.56	1720.2	1191.5	95.2	38.4	PS	0	150	44	0
11-21-2003		60.2	95.78	1591.0	1194.12	95.2	38.4	PS	0	150	44	0
11-18-2003		0	0	0	0	0	38.4	PS	0	150	44	0
11-17-2003		54.74	91.7	1675.1	1195.82	95.6	38.4	PS	0	150	40	0
11-12-2003		57.4	93.28	1625.0	1199.94	95.4	38.4	PS	0	150	40	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
11-08-2003		56.16	90.28	1607.5	1196.66	95.5	38.4	PS	0	150	40	0
11-04-2003		57.32	89.15	1555.3	1204.06	95.5	38.4	PS	0	150	40	0
10-30-2003		54.2	91.44	1687.0	1228.12	95.8	38.4	PS	0	150	40	0
10-22-2003		56.14	92.7	1651.2	1139.36	95.3	38.4	PS	0	150	40	0
10-17-2003		59.22	93.72	1582.5	1138.3	95.1	38.4	PS	0	150	40	0
10-15-2003		0	0	0	0	0	38.4	PS	0	150	40	0
10-09-2003		56.56	90.4	1598.3	1127.66	95.2	38.4	PS	0	130	33	0
10-04-2003		56	89.24	1593.5	1129.72	95.3	38.4	PS	0	130	33	0
09-24-2003		59.2	96.28	1626.3	1113.46	95	38.4	PS	0	130	33	0
09-20-2003		57.96	83.44	1439.6	1125.46	95.1	38.4	PS	0	130	33	0
09-11-2003		57.76	86.88	1504.1	1147.1	95.2	38.4	PS	0	130	33	0
09-02-2003		58.24	83.76	1438.1	1144.28	95.2	38.4	PS	0	130	33	0
08-28-2003		56.74	76.28	1344.3	1135.76	95.2	38.4	PS	0	130	33	0
08-22-2003		0	0	0	0	0	38.4	PS	0	130	33	0
08-18-2003		57.8	89.12	1541.8	1158.34	95.2	38.4	PS	0	130	33	0
07-21-2003		57.74	61.48	1064.7	1187.02	95.4	38.4	PS	0	130	33	0
07-15-2003		57.2	57.82	1010.8	1191.56	95.4	38.4	PS	0	130	33	0
07-10-2003		57	52.66	923.85	1201.96	95.5	38.4	PS	0	130	33	0
06-18-2003		58.36	25	428.37	1219.44	95.4	38.4	PS	0	130	33	0
06-12-2003		59.2	25	422.29	1230.74	95.4	38.4	PS	0	130	33	0
06-01-2003		54.8	25	456.20	1210.72	95.7	38.4	PS	0	130	33	0
05-16-2003		56.96	25	438.90	1204.94	95.5	38.4	PS	0	130	33	0
04-28-2003		0	0	0	0	0	38.4	PS	0	130	33	0
04-19-2003		52.32	25	477.82	1221.6	95.9	38.4	PS	0	145	55	0
03-11-2003		0	0	0	0	0	38.4	PS	0	145	55	0
03-01-2003		54.12	25.22	466.00	1170.54	95.6	38.4	PS	0	140	54	0
02-17-2003		56.22	7.9	140.51	1184.14	95.5	38.4	PS	0	140	54	0
02-11-2003		57.34	23.92	417.16	1149.62	95.2	38.4	PS	0	140	54	0
02-04-2003		60.2	24.74	410.96	1164.16	95.1	38.4	PS	0	140	54	0
01-23-2003		54.34	24	441.66	1167.88	95.6	38.4	PS	0	140	54	0
01-17-2003		56.76	24.34	428.82	1162.76	95.3	38.4	PS	0	140	54	0
01-11-2003		55.94	24.16	431.89	1143.8	95.3	38.4	PS	0	140	54	0
12-30-2002		53.6	25.16	469.40	1141.74	95.5	38.4	PS	0	140	54	0
12-24-2002		55.82	24.98	447.50	1141.92	95.3	38.4	PS	0	140	54	0
12-18-2002		51.6	23.98	464.72	1153.44	95.7	38.4	PS	0	140	54	0
12-12-2002		53.4	24.7	462.54	1146.74	95.6	38.4	PS	0	140	54	0
12-06-2002		58.02	25.46	438.81	1133.9	95.1	38.4	PS	0	140	54	0
11-07-2002		54.76	24.36		1121.8	95.3		PS	0	0	0	0
11-01-2002		58.56	23.62		1108.2	95		PS	0	0	0	0
10-26-2002		54.4	23.72		1108	95.3		PS	0	0	0	0
10-20-2002		58	25.97		1106.9	95		PS	0	0	0	0
10-14-2002		60.6	26.45		1109.3	94.8		PS	0	0	0	0
10-08-2002		57	25.83		1113.7	95.1		PS	0	0	0	0
10-02-2002		61.2	27.6		1129.5	94.9		PS	0	0	0	0
10-01-2002		0	0		0	0		PS	0	0	35	0
09-26-2002		60.4	28.35		1129.2	94.9		PS	0	0	0	0
09-20-2002		76.4	27.54		1131.6	93.7		PS	0	0	0	0
09-14-2002		89.2	26.83		1133.1	92.7		PS	0	0	0	0
09-02-2002		45.2	30.38		1189.4	96.3		PS	0	0	0	0
08-28-2002		50.1	35.69		1115.9	95.7		PS	0	0	0	0
08-21-2002		57.6	36.54		1113.1	95.1		PS	0	0	0	0
08-14-2002		52.2	35.41		1116.8	95.5		PS	0	0	0	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
07-31-2002		54.1	33.95		1108.8	95.3		PS	0	0	0	0
07-25-2002		54.1	34.37		1109.3	95.3		PS	0	0	0	0
07-19-2002		52.3	36.34		1101.9	95.5		PS	0	0	0	0
07-12-2002		55	33.73		1108.1	95.3		PS	0	0	0	0
07-06-2002		55.5	32.25		1110.4	95.2		PS	0	0	0	0
06-29-2002		46.6	32.58		1110	96		PS	0	0	0	0
06-23-2002		50.6	30.22		1090	95.6		PS	0	0	0	0
06-16-2002		37.8	33.75		1084	96.6		PS	0	0	0	0
05-25-2002		53.4	33.26		915.2	94.5		PS	0	0	0	0
05-18-2002		58.6	32.31		916.2	94		PS	0	0	0	0
05-08-2002		58.8	29.75		954.7	94.2		PS	0	0	0	0
05-01-2002		56.6	30.6		982.9	94.6		PS	0	0	0	0
04-13-2002		64	27.67		1005	94		PS	0	0	0	0
04-06-2002		60.4	27.24		1031.1	94.5		PS	0	0	0	0
03-18-2002		55.1	32.47		1057.7	95		PS	0	0	0	0
03-11-2002		49.7	25.69		1075.2	95.6		PS	0	0	0	0
03-04-2002		47.9	25.29		1072.8	95.7		PS	0	0	0	0
02-25-2002		59.6	29.89		1040.1	94.6		PS	0	0	0	0
02-18-2002		60	29.95		1052.8	94.6		PS	0	0	0	0
02-10-2002		58.9	29.74		1068.9	94.8		PS	0	0	0	0
02-02-2002	U	60	29.67		1109.2	94.9		PS	0	0	0	0
01-25-2002	U	53.9	28.1		1096.5	95.3		PS	0	0	0	0
01-11-2002	U	59.2	44.51		1118.4	95		PS	0	0	0	0
10-21-2001		68.2	35.81		1123.3	94.3		PS	0	0	0	0
10-06-2001		59.8	32.12		1208	95.3		PS	0	0	0	0
07-27-2001		55.8	24.8		1256.2	95.7		PS	0	0	0	0
07-18-2001	U	53.2	23.43		1264.7	96		PS	0	0	0	0
07-17-2001	U	51.2	21.72		1270.5	96.1		PS	0	0	0	0
06-23-2001		55.4	25.02		1179.5	95.5		PS	0	0	0	0
06-08-2001		58.4	24.33		1199.1	95.4		PS	0	0	0	0
06-04-2001	U	58.2	25.24		1195.5	95.4		PS	0	0	0	0
06-01-2001		54.7	22.1		1186.3	95.6		PS	0	0	0	0
05-28-2001		57.2	23.58		1198.1	95.4		PS	0	0	0	0
05-24-2001		58	23.1		1200.6	95.4		PS	0	0	0	0
05-20-2001		56.2	23.94		1210.1	95.6		PS	0	0	0	0
05-17-2001		58	24.8		1230.5	95.5		PS	0	0	0	0
05-13-2001	U	60	24.86		1212.5	95.3		PS	0	0	0	0
05-09-2001	U	50.6	21.73		1121.3	95.7		PS	0	0	0	0
05-05-2001		53.4	23.34		1114.7	95.4		PS	0	0	0	0
04-28-2001		55.4	24.2		1143.9	95.4		PS	0	0	0	0
04-21-2001		48.8	24.51		1018.6	95.4		PS	0	0	0	0
04-14-2001	U	49.3	21.57		1122.7	95.8		PS	0	0	0	0
01-15-2001	U	56.1	27.3		1137.8	95.3		PS	0	0	0	0
01-07-2001	U	56.2	30.2		1119.7	95.2		PS	0	0	0	0
12-31-2000	U	58	33.41		1130.6	95.1		PS	0	0	0	0
12-24-2000		60.8	24.78		1139.1	94.9		PS	0	0	0	0
12-16-2000	U	60.2	28.06		1146.3	95		PS	0	0	0	0
12-09-2000	U	58.2	24.96		1167.8	95.3		PS	0	0	0	0
11-28-2000	U	59.9	21		1179.6	95.2		PS		0	0	0
10-28-2000	U	58.5	27		1216.5	95.4		PS		0	0	0
09-28-2000	U	60.9	29		1262.5	95.4		PS		0	0	0
08-28-2000	U	62.4	29		1273.2	95.3		PS		0	0	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
07-28-2000	U	64.2	31		1132	94.6		PS		0	0	0
06-28-2000	U	67.9	33		1048.4	93.9		PS		0	0	0
05-28-2000	U	69.5	30		1200.8	94.5		PS		0	0	0
04-28-2000	U	68.5	32		1216.9	94.7		PS		0	0	0
03-28-2000	U	72.1	34		1211.9	94.4		PS		0	0	0
02-28-2000	U	69.9	36		1201.9	94.5		PS		0	0	0
01-28-2000	U	56.8	30		1117.5	95.2		PS		0	0	0
12-28-1999	U	47.6	32		957.8	95.3		PS		0	0	0
11-28-1999	U	46	27		964	95.4		PS		0	0	0
10-28-1999	U	45.9	27		963.8	95.5		PS		0	0	0
09-28-1999	U	45	27		968.2	95.6		PS		0	0	0
08-28-1999	U	49.6	29		990.9	95.2		PS		0	0	0
07-28-1999	U	53.3	32		907.8	94.5		PS		0	0	0
06-28-1999	U	47.9	29		992.3	95.4		PS		0	0	0
05-28-1999	U	45.5	31		1011.8	95.7		PS		0	0	0
04-28-1999	U	49.5	34		952	95.1		PS		0	0	0
03-28-1999	U	46.1	35		995.4	95.6		PS		0	0	0
02-28-1999	U	45.1	34		998.4	95.7		PS		0	0	0
01-28-1999	U	45.9	34		1018.5	95.7		PS		0	0	0
12-28-1998	U	49	37		1015.4	95.4		PS		0	0	0
11-28-1998	U	47.9	35		988.2	95.4		PS		0	0	0
10-28-1998	U	43.4	33		959.9	95.7		PS		0	0	0
09-28-1998	U	45	37		992.3	95.7		PS		0	0	0
08-28-1998	U	46.3	37		987.8	95.5		PS		0	0	0
07-28-1998	U	44.8	21		949.6	95.5		PS		0	0	0
06-28-1998	U	52.3	23		884.6	94.4		PS		0	0	0
05-28-1998	U	51.8	24		932.2	94.7		PS		0	0	0
05-06-1998	U	32	17		1004	96.9		PS		0	0	0
04-28-1998	U	37	17		1002.9	96.4		PS		0	0	0
03-28-1998	U	46.6	19		887.8	95		PS		0	0	0
02-28-1998	U	52.5	697		821.1	94		PS		0	0	0
01-23-1998	U	78	41		626	88.9		PS		0	0	0
12-20-1997	U	59	33		826	0		PS		0	0	0
11-03-1997	U	65	35		356	84.6		PS		0	0	0
10-18-1997	U	68	34		754	91.7		PS		0	0	0
09-01-1997	U	78	42		747	90.5		PS		0	0	0
08-01-1997	U	84	0		765	90.1		PS		0	0	0
07-01-1997	U	84	41		765	90.1		PS		0	0	0
06-09-1997	U	84	41		765	90.1		PS		0	0	0
05-01-1997	U	84	35		738	0		PS		0	0	0
04-08-1997	U	67	35		757	91.9		PS		0	0	0
03-01-1997	U	101	44		764	88.3		PS		0	0	0
02-01-1997	U	101	44		764	88.3		PS		0	0	0
01-01-1997	U	101	44		764	88.3		PS		0	0	0
12-01-1996	U	101	44		764	88.3		PS		0	0	0
11-01-1996	U	101	44		764	88.3		PS		0	0	0
10-15-1996	U	91	24		780	89.6		PS		0	0	0
09-18-1996	U	95	46		856	90		PS		0	0	0
09-15-1996	U	95	46		856	90		PS		0	0	0
08-20-1996	U	78	38		602	88.5		PS		0	0	0
07-01-1996	U	78	41		626	88.9		PS		0	0	0
06-07-1996	U	78	41		626	88.9		PS		0	0	0

Test Date	MSF	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
05-07-1996	U	81	19		602	88.1		PS		0	0	0
04-16-1996	U	90	32		568	86.3		PS		0	0	0
03-09-1996	U	99	31		570	85.2		PS		0	0	0
02-10-1996	U	115	37		737	86.5		PS		0	0	0
01-12-1996	U	94	36		558	85.6		PS		0	0	0
12-02-1995	U	102	35		548	84.3		PS		0	0	0
11-20-1995	U	105	37		540	83.7		PS		0	0	0
10-01-1995	U	101	36		557	84.7		PS		0	0	0
09-12-1995	U	100	39		549	84.6		PS		0	0	0
08-03-1995	U	106	22		548	83.8		PS		0	0	0
07-03-1995	U	112	23		532	82.6		PS		0	0	0
06-01-1995	U	104	22		307	74.7		PS		0	0	0
05-05-1995	U	106	22		468	81.5		PS		0	0	0
04-16-1995	U	106	22		468	81.5		PS		0	0	0
03-05-1995	U	106	24		526	83.2		PS		0	0	0
02-15-1995	U	110	50		517	82.5		PS		0	0	0
01-08-1995	U	109	50		504	82.2		PS		0	0	0
12-14-1994	U	121	55		509	80.8		PS		0	0	0
11-21-1994	U	111	51		517	82.3		PS		0	0	0
10-04-1994	U	111	51		517	82.3		PS		0	0	0
09-07-1994	U	124	56		522	80.8		PS		0	0	0
08-09-1994	U	121	55		508	80.8		PS		0	0	0
07-11-1994	U	122	107		495	80.2		PS		0	0	0
05-31-1994	U	128	107		549.9	81.1		PS		0	0	0
04-01-1994	U	125	104		541	81.2		PS		0	0	0
03-15-1994	U	124	104		541	81.4		PS		0	0	0
02-07-1994	U	132	110		544	80.5		PS		0	0	0
01-11-1994	U	134	112		558	80.6		PS		0	0	0
12-18-1993	U	133	111		567	81		PS		0	0	0
11-02-1993	U	102	85		415	80.3		PS		0	0	0
10-07-1993	U	105	88		556	84.1		PS		0	0	0
09-05-1993	U	94	78		409	81.3		PS		0	0	0
08-14-1993	U	80	67		479	85.7		PS		0	0	0
07-01-1993	U	126	105		345	73.2		PS		0	0	0
06-01-1993	U	123	103		324	72.5		PS		0	0	0
05-02-1993	U	121	101		353	74.5		PS		0	0	0
04-17-1993	U	120	100		349	74.4		PS		0	0	0
03-01-1993	U	121	101		384	76		PS		0	0	0
02-01-1993	U	121	101		384	76		PS		0	0	0
01-15-1993	U	121	101		384	76		PS		0	0	0
12-14-1992	U	121	101		384	76		PS		0	0	0
11-01-1992	U	122	102		329	72.9		PS		0	0	0
10-01-1992	U	123	103		329	72.8		PS		0	0	0
09-01-1992	U	115	96		336	74.5		PS		0	0	0
08-01-1992	U	130	109		395	75.2		PS		0	0	0
07-01-1992	U	130	109		395	75.2		PS		0	0	0
06-11-1992	U	130	109		395	75.2		PS		0	0	0
05-01-1992	U	121	101		417	77.5		PS		0	0	0
04-03-1992	U	121	101		417	77.5		PR		0	0	0
03-15-1992	U	121	101		403	76.9		PR		0	0	0
02-02-1992	U	107	89		396	78.7		PR		0	0	0
01-04-1992	U	125	104		452	78.3		PR		0	0	0

Test Date	MST	Oil Rate	Gas Rate	GOR	Water Rate	Water Cut	Gravity	Prod Method	Choke	Tub Press	Csg Press	Lift Gas Rate
12-03-1991	U	145	121		513	78		PR		0	0	0
11-01-1991	U	132	110		477	78.3		PR		0	0	0
10-08-1991	U	137	114		497	78.4		PR		0	0	0
09-16-1991	U	107	89		396	78.7		PR		0	0	0
08-12-1991	U	103	86		383	78.8		PR		0	0	0
07-05-1991	U	135	113		491	78.4		PR		0	0	0
06-15-1991	U	129	108		455	77.9		PR		0	0	0
05-01-1991	U	139	116		574	80.5		PR		0	0	0
04-08-1991	U	131	109		400	75.3		PR		0	0	0
03-11-1991	U	128	107		397	75.6		PR		0	0	0
02-06-1991	U	139	116		437	75.9		PR		0	0	0
01-01-1991	U	146	122		491	77.1		PR		0	0	0
12-15-1990	U	147	123		465	76		PR		0	0	0
11-15-1990	U	153	128		446	74.5		PR		0	0	0
10-03-1990	U	168	140		524	75.7		PR		0	0	0
09-01-1990	U	221	185		1045	82.5		PR		0	0	0
08-11-1990	U	221	185		1045	82.5		PR		0	0	0
07-02-1990	U	73	61		922	92.7		PR		0	0	0