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New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/93

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0368

APPLICATION FOR
QUALIFICATION OF WELL WORKOVER PROJECT
AND CERTIFICATION OF APPROVAL

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

- I. Operator: CHEVRON U.S.A., INC. OGRID #: 4323
Address: P. O. BOX 1150, MIDLAND, TX 79702
Contact Party: MICHAEL VILLALBA Phone: (915) 687-7262
- II. Name of Well: EUNICE MONUMENT SOUTH UNIT #417 API #: 30-025-04686
Location of Well: Unit Letter M, 990 Feet from the South line and 990 feet from the West line,
Section 17, Township 21S, Range 36E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 8/23/96
Date Workover Procedures were Completed: 8/27/96
- IV. Attach a description of the Workover Procedures undertaken to increase the production 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:
EUNICE MONUMENT GRAYBURG SAN ANDRES
- VII. AFFIDAVIT:
State of TEXAS)
County of MIDLAND) ss.

J. K. RIPLEY, being first duly sworn, upon oath states:

- I am the Operator or authorized representative of the Operator of the above referenced Well.
- 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.
- 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.

J. K. Ripley
(Name)

TECHNICAL ASSISTANT

(Title)

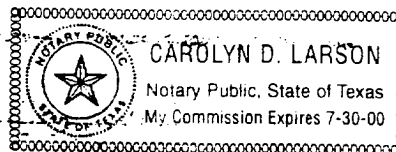
MP

SUBSCRIBED AND SWORN TO before me this 4th day of Aug 1997

Carolyn W. Larson

Notary Public

My Commission expires: 7-30-00



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 8-27-97 1997.

[Signature]
District Supervisor, District 7
Oil Conservation Division

Date: 8/20/97

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

DATE: _____

RECEIVED
OCT 1 1997
OCD

EMSU #417
Eu... Monument Grayburg / San An... Field
Lea County, New Mexico
July 11, 1996

Workover Procedure - Acidize Stimulate

1. MIRU PU. POH w/ rods & pump. Install BOP. GIH, tag for fill & POH w/ prod. tbg.
2. If significant fill is indicated on TD check (i.e., above 4070 +/-), RU Rev Unit. GIH w/ bit, DC's, etc. on tbg. C/O to +/-4107'. **(Catch samples and analyze for composition)** RD Rev Unit. POH w/ tbg, DC's & bit.
3. GIH w/ seating nipple, trtg pkr & tubing unloader on tbg. Set pkr @ 3822' +/- . Drop standing valve and seat in SN. RU BJ Services. Pick up on tubing to set tbg unloader in circ. position. Pickle tubing with 300 gals 15% NEA acid*. Flush to bottom of tbg w/ water. Pump pickle acid at approximately 1/2 BPM. Load backside and circulate pickle acid out of tbg (at 1/2 BPM when catch pressure on backside). Repickle tubing if iron counts are above +/- 2000 ppm on "last in" acid. Slack off on tbg to set tbg unloader in closed position. Fish standing valve. Acidize OH (3872' - 4107') w/ 7000 gal Resisol II+ [viscosified aromatic solvent (20% by vol.) and acid (80% by vol.)] in 5 stages at rate of 3-4 BPM and max. trtg press of 1250 psig STP, while monitoring backside, as follows:
 - A. Pump 1400 gal Resisol II+**.
 - B. Drop 500# Trimix salt in 10 bbls. gelled Brine water***
 - C. Repeat step A & B three times. Vary block size depending on response encountered in previous salt block.
 - D. Pump 1400 gal Resisol II+**.
 - E. Flush to top perf / open hole with water.***
4. RD Trtg Co. Shut well in a minimum of 3 hours after treatment.
5. Flow/swab back acid residue until well cleans up. POH w/ pkr & tbg.
6. GIH w/ prod tbg. ND BOP. GIH w/ pump & rods. Hang well on. RD PU.
7. Test well & report results to Midland office.

* Pickle acid to contain: 1 gal / 1000 gallons CI-23 Corrosion Inhibitor & 300 gallons 15% HCL

** BJ's Resisol II+ -- Iron control system to follow tapered concentration as follows:

LEAD 2000 = 3 gal/1000 FE270 & 1 gal/1000 FE271

MID 2000 = 1.5 gal / 1000 FE270 & 1 gal/1000 FE271

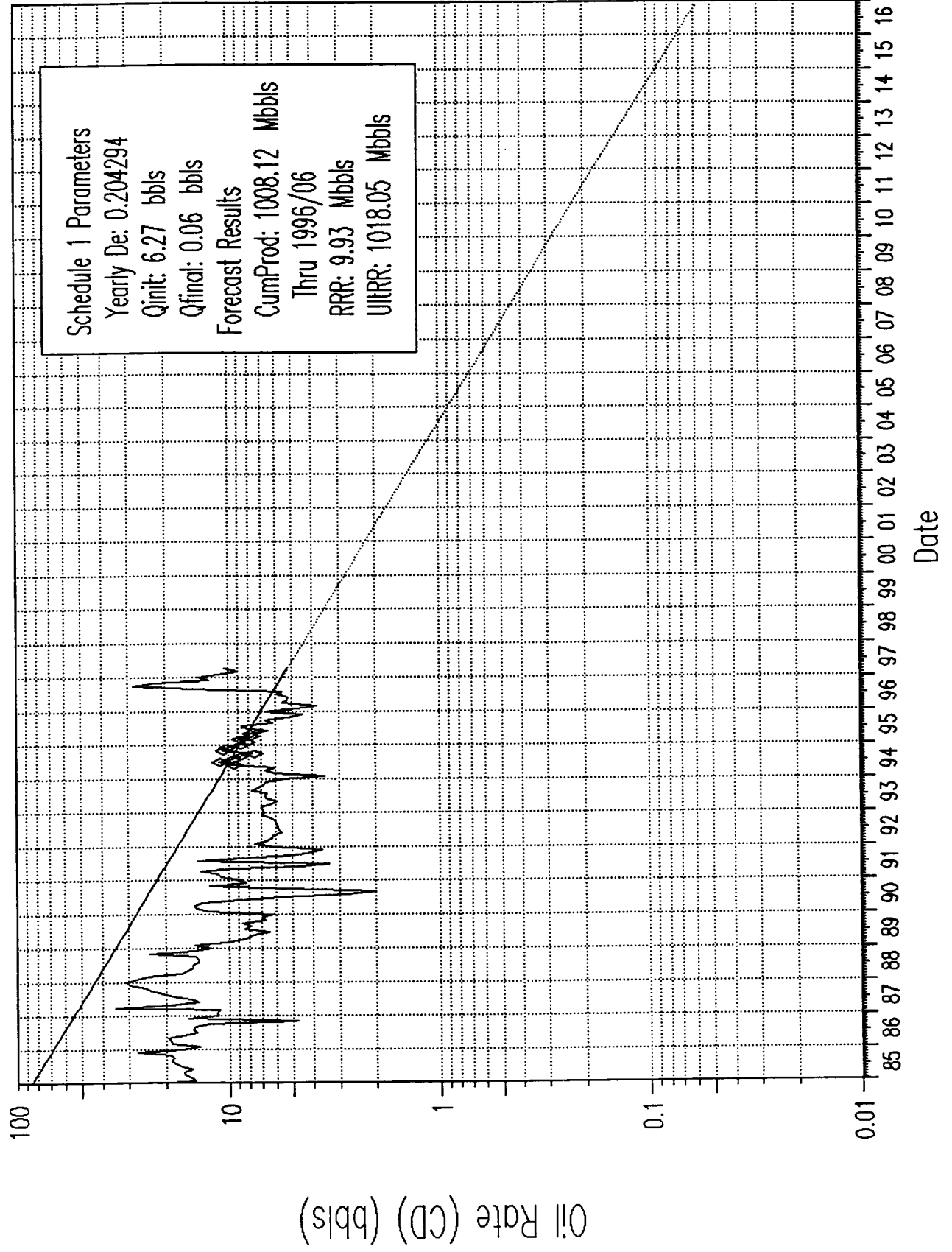
TAIL 3000 = 0.5 gal/1000 FE270 & 1 gal/1000 FE271

***Also, All flush water and diverter GBW stages to contain appropriate de-emulsifiers (NE agents)

Prepared by: Jimmy Dolan Petroleum Engineer

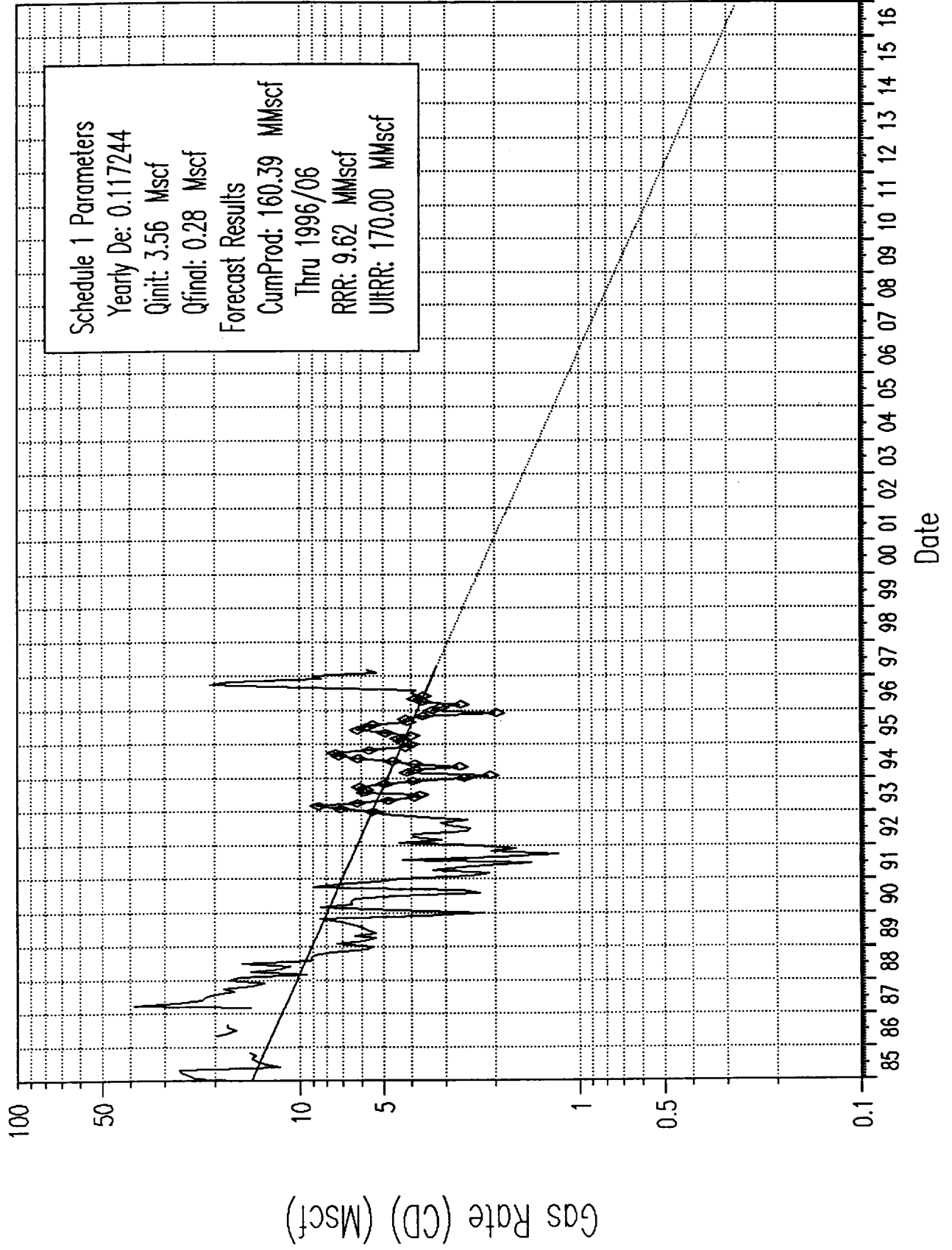
LEASE : EUNICE MONUMENT SOUTH UNIT 417

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
9501	274.0	0.00	126	0.00
9502	232.0	0.00	122	0.00
9503	276.0	0.00	139	0.00
9504	238.0	0.00	121	0.00
9505	247.0	0.00	155	0.00
9506	195.0	0.00	188	0.00
9507	268.0	0.00	181	0.00
9508	266.0	0.00	172	0.00
9509	184.0	0.00	125	0.00
9510	207.0	0.00	131	0.00
9511	157.0	0.00	110	0.00
9512	138.0	0.00	62	0.00
9601	207.0	0.00	105	0.00
9602	138.0	0.00	92	0.00
9603	118.0	0.00	83	0.00
9604	166.0	0.00	110	0.00
9605	164.0	0.00	121	0.00
9606	157.0	0.00	110	0.00
9607	181.0	192.53	124	109.79
9608	172.0	188.90	119	108.65
9609	449.0	179.36	292	104.06
9610	872.0	181.84	644	106.42
9611	681.0	172.65	534	101.92
9612	380.0	175.04	258	104.23
9701	427.0	171.74	279	103.15
9702	313.0	152.20	148	92.21
9703	280.0	165.32	177	101.03
9704	314.0	156.97	0	96.76
9705	0.0	159.15	0	98.95
9706	0.0	151.11	0	94.77
9707	0.0	153.20	0	96.92
9708	0.0	150.31	0	95.91
9709	0.0	142.72	0	91.86
9710	0.0	144.69	0	93.94
9711	0.0	137.38	0	89.97
9712	0.0	139.28	0	92.01
9801	0.0	136.66	0	91.06
9802	0.0	121.10	0	81.40
9803	0.0	131.55	0	89.18
9804	0.0	124.90	0	85.42
9805	0.0	126.63	0	87.35
9806	0.0	120.24	0	83.66
9807	0.0	121.90	0	85.55
9808	0.0	119.60	0	84.67
9809	0.0	113.56	0	81.09
9810	0.0	115.13	0	82.93
9811	0.0	109.32	0	79.42
9812	0.0	110.83	0	81.22
9901	0.0	108.74	0	80.38
9902	0.0	96.36	0	71.85

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
9903	0.0	104.67	0	78.73
9904	0.0	99.39	0	75.40
9905	0.0	100.76	0	77.11
9906	0.0	95.67	0	73.85
9907	0.0	97.00	0	75.52
9908	0.0	95.17	0	74.74
9909	0.0	90.36	0	71.58
9910	0.0	91.61	0	73.20
9911	0.0	86.98	0	70.11
9912	0.0	88.19	0	71.70
10001	0.0	86.52	0	70.96
10002	0.0	79.41	0	65.69
10003	0.0	83.29	0	69.50
10004	0.0	79.08	0	66.56
10005	0.0	80.18	0	68.07
10006	0.0	76.13	0	65.19
10007	0.0	77.18	0	66.67
10008	0.0	75.72	0	65.98
10009	0.0	71.90	0	63.19
10010	0.0	72.89	0	64.62
10011	0.0	69.21	0	61.89
10012	0.0	70.17	0	63.29
10101	0.0	68.85	0	62.64
10102	0.0	61.01	0	55.99
10103	0.0	66.27	0	61.35
10104	0.0	62.93	0	58.76
10105	0.0	63.80	0	60.09
10106	0.0	60.58	0	57.55
10107	0.0	61.41	0	58.85
10108	0.0	60.25	0	58.24
10109	0.0	57.21	0	55.78
10110	0.0	58.00	0	57.05
10111	0.0	55.07	0	54.63
10112	0.0	55.84	0	55.87
10201	0.0	54.78	0	55.29
10202	0.0	48.55	0	49.43
10203	0.0	52.73	0	54.16
10204	0.0	50.07	0	51.87
10205	0.0	50.76	0	53.04
10206	0.0	48.20	0	50.80
10207	0.0	48.87	0	51.95
10208	0.0	47.95	0	51.41
10209	0.0	45.52	0	49.24
10210	0.0	46.15	0	50.36
10211	0.0	43.82	0	48.23
10212	0.0	44.43	0	49.32
10301	0.0	43.59	0	48.81
10302	0.0	38.63	0	43.63
10303	0.0	41.96	0	47.81
10304	0.0	39.84	0	45.79

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
10305	0.0	40.39	0	46.82
10306	0.0	38.35	0	44.84
10307	0.0	38.88	0	45.86
10308	0.0	38.15	0	45.39
10309	0.0	36.22	0	43.47
10310	0.0	36.72	0	44.45
10311	0.0	34.87	0	42.57
10312	0.0	35.35	0	43.54
10401	0.0	34.69	0	43.09
10402	0.0	31.84	0	39.89
10403	0.0	33.39	0	42.20
10404	0.0	31.70	0	40.42
10405	0.0	32.14	0	41.33
10406	0.0	30.52	0	39.59
10407	0.0	30.94	0	40.48
10408	0.0	30.36	0	40.07
10409	0.0	28.82	0	38.37
10410	0.0	29.22	0	39.24
10411	0.0	27.75	0	37.58
10412	0.0	28.13	0	38.43
10501	0.0	27.60	0	38.04
10502	0.0	24.46	0	34.00
10503	0.0	26.57	0	37.25
10504	0.0	25.23	0	35.68
10505	0.0	25.57	0	36.49
10506	0.0	24.28	0	34.95
10507	0.0	24.62	0	35.74
10508	0.0	24.15	0	35.37
10509	0.0	22.93	0	33.87
10510	0.0	23.25	0	34.64
10511	0.0	22.08	0	33.18
10512	0.0	22.38	0	33.93
10601	0.0	21.96	0	33.58
10602	0.0	19.46	0	30.01
10603	0.0	21.14	0	32.89
10604	0.0	20.07	0	31.50
10605	0.0	20.35	0	32.21
10606	0.0	19.32	0	30.85
10607	0.0	19.59	0	31.55
10608	0.0	19.22	0	31.22
10609	0.0	18.25	0	29.90
10610	0.0	18.50	0	30.58
10611	0.0	17.57	0	29.29
10612	0.0	17.81	0	29.95
10701	0.0	17.47	0	29.64
10702	0.0	15.49	0	26.50
10703	0.0	16.82	0	29.03
10704	0.0	15.97	0	27.80
10705	0.0	16.19	0	28.43
10706	0.0	15.37	0	27.23

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
10707	0.0	15.59	0	27.85
10708	0.0	15.29	0	27.56
10709	0.0	14.52	0	26.40
10710	0.0	14.72	0	26.99
10711	0.0	13.98	0	25.85
10712	0.0	14.17	0	26.44
10801	0.0	13.90	0	26.17
10802	0.0	12.76	0	24.22
10803	0.0	13.38	0	25.63
10804	0.0	12.71	0	24.54
10805	0.0	12.88	0	25.10
10806	0.0	12.23	0	24.04
10807	0.0	12.40	0	24.58
10808	0.0	12.17	0	24.33
10809	0.0	11.55	0	23.30
10810	0.0	11.71	0	23.83
10811	0.0	11.12	0	22.82
10812	0.0	11.28	0	23.34
10901	0.0	11.06	0	23.10
10902	0.0	9.80	0	20.65
10903	0.0	10.65	0	22.62
10904	0.0	10.11	0	21.67
10905	0.0	10.25	0	22.16
10906	0.0	9.73	0	21.22
10907	0.0	9.87	0	21.70
10908	0.0	9.68	0	21.48
10909	0.0	9.19	0	20.57
10910	0.0	9.32	0	21.04
10911	0.0	8.85	0	20.15
10912	0.0	8.97	0	20.60
11001	0.0	8.80	0	20.39
11002	0.0	7.80	0	18.23
11003	0.0	8.47	0	19.97
11004	0.0	8.05	0	19.13
11005	0.0	8.16	0	19.56
11006	0.0	7.75	0	18.73
11007	0.0	7.85	0	19.16
11008	0.0	7.70	0	18.96
11009	0.0	7.32	0	18.16
11010	0.0	7.42	0	18.57
11011	0.0	7.04	0	17.78
11012	0.0	7.14	0	18.19
11101	0.0	7.01	0	18.00
11102	0.0	6.21	0	16.09
11103	0.0	6.74	0	17.63
11104	0.0	6.40	0	16.88
11105	0.0	6.49	0	17.27
11106	0.0	6.16	0	16.54
11107	0.0	6.25	0	16.91
11108	0.0	6.13	0	16.74

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
11109	0.0	5.82	0	16.03
11110	0.0	5.90	0	16.39
11111	0.0	5.60	0	15.70
11112	0.0	5.68	0	16.05
11201	0.0	5.57	0	15.89
11202	0.0	5.12	0	14.71
11203	0.0	5.37	0	15.56
11204	0.0	5.09	0	14.90
11205	0.0	5.17	0	15.24
11206	0.0	4.90	0	14.60
11207	0.0	4.97	0	14.93
11208	0.0	4.88	0	14.77
11209	0.0	4.63	0	14.15
11210	0.0	4.70	0	14.47
11211	0.0	4.46	0	13.86
11212	0.0	4.52	0	14.17
11301	0.0	4.44	0	14.03
11302	0.0	3.93	0	12.54
11303	0.0	4.27	0	13.74
11304	0.0	4.05	0	13.16
11305	0.0	4.11	0	13.45
11306	0.0	3.90	0	12.89
11307	0.0	3.96	0	13.18
11308	0.0	3.88	0	13.04
11309	0.0	3.69	0	12.49
11310	0.0	3.74	0	12.77
11311	0.0	3.55	0	12.23
11312	0.0	3.60	0	12.51
11401	0.0	3.53	0	12.38
11402	0.0	3.13	0	11.07
11403	0.0	3.40	0	12.13
11404	0.0	3.23	0	11.61
11405	0.0	3.27	0	11.88
11406	0.0	3.11	0	11.38
11407	0.0	3.15	0	11.63
11408	0.0	3.09	0	11.51
11409	0.0	2.93	0	11.03
11410	0.0	2.97	0	11.28
11411	0.0	2.82	0	10.80
11412	0.0	2.86	0	11.04
11501	0.0	2.81	0	10.93
11502	0.0	2.49	0	9.77
11503	0.0	2.70	0	10.70
11504	0.0	2.57	0	10.25
11505	0.0	2.60	0	10.48
11506	0.0	2.47	0	10.04
11507	0.0	2.50	0	10.27
11508	0.0	2.46	0	10.16
11509	0.0	2.33	0	9.73
11510	0.0	2.37	0	9.95

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
11511	0.0	2.25	0	9.53
11512	0.0	2.28	0	9.75
11601	0.0	2.23	0	9.65
11602	0.0	2.05	0	8.93
11603	0.0	2.15	0	9.45
11604	0.0	2.04	0	9.05
11605	0.0	2.07	0	9.26
11606	0.0	1.97	0	8.86
11607	0.0	1.99	0	9.07
11608	0.0	1.96	0	8.97
11609	0.0	1.86	0	8.59
11610	0.0	1.88	0	8.79
11611	0.0	1.79	0	8.42
11612	0.0	1.81	0	8.61