

District I - (505) 393-6161
P.O. 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 and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Form C-140
Originated 11/1/95

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0457

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. Production Co., Inc. OGRID #: 4323

Address: P.O. Box 1150 Midland, TX 79702

Contact Party: Michael Villalva Phone: (915) 687-7262

II. ✓ Name of Well: EUNICE MONUMENT SOUTH UNIT 110 API #: 30-025-06284

Location of Well: Unit Letter E, 1980 Feet from the North line and 660 feet from the West line.
Section 30, Township 20S, Range 37E, NMPM, Lea County

III. ✓ Date Workover Procedures Commenced: 3/12/97

Date Workover Procedures were Completed: 3/18/97

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:

EUNICE MONUMENT GRAYBURG SAN ANDRES

VII. AFFIDAVIT:

State of TEXAS)
) ss.
County of MIDLAND)

J.K. RIPLEY, 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.

J.K. Ripley
(Name)

T.A.
(Title)

my P

SUBSCRIBED AND SWORN TO before me this 16 day of March, 1998



Maggie M. Bermea

Notary Public for State of Texas

My Commission expires: July 30, 2001

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" (Law 9-5 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 3-18-97, 1997.

[Signature]
District Supervisor, District 4
Oil Conservation Division Geologist

Date: 3/19/97

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

DATE: _____

EMSU #110

PROCEDURE TO SQUEEZE AND ACIDIZE:

1. MIRU PU. POH w/ rods and pump. NU BOP. Tag bottom, check for fill above 3950. POH w/ tbg.
2. GIH w/ RBP & WS and set RBP @ 3600+/-.
3. GIH w/ pkr & isolate csg leak. (If casing leak is above 2400+/-, replace 6-5/8" casing from 2 jts below csg leak to surface and proceed to step 17. Contact Bob Pearl for further details @ 915/687-7549.)
4. After isolating csg leak, establish injection rate & record pressure.
5. Contact BJ w/ injection rate and pressure.
6. Set RBP below csg leak. Dump 2 sx of sand on RBP.
7. TIH w/ CICR.
8. Set CICR above csg leak.
9. RU BJ.
10. Sting into CICR. Re-establish injection rate.
11. Squeeze csg leak with 150 sx of N2 cmt or as per BJ's recommendation.
12. Sting out of CICR & TOH.
13. RD BJ. WOC.
14. TIH w/ 5-1/2" bit, DC's, & WS.
15. DO CICR & cmt to top of RBP. Test to 500 psi.
16. TOH w/ RBP.
17. TIH w/ trt pkr & WS. Set pkr @ 3600+/- . Drop SV.
18. RU BJ.
19. Open bypass and pickle tbg w/ 500 gal of 15% NEHCL* @ 1/2 BPM. Flush to bottom w/ brine and reverse out @ 1/2 BPM. Re-pickle tbg if iron count is greater than 5000 ppm on last in acid. Fish SV.
20. Acidize entire interval and OH w/ 5000 gal(119 bbl) of 15% 80/20 Resisol II+** with continuous Trimix salt block of 1.2 lbs/gal (50 lbs/bbl) throughout the entire job (6000 lbs total of Trimix salt). Treat @ 2-4 BPM max trt press of 1500 psi.
21. Flush to top of perms @ 3625 w/ brine. Overflush w/ 20 bbl of brine.
22. SI well for 3 hrs. RD BJ.
23. Swab back until well cleans up.
24. POH.
25. GIH w/ prod eqp and hang well on. RD PU.
26. Clean and clear location and return well to production.

* Pickle acid to contain 1 gal/1000 CI-23

** Resisol II+ - Iron control system to follow tapered concentrations as follows:

Lead 1000 gal = 3 gal/1000 FE270 & 1 gal/1000 FE271

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

Tail 2000 gal = 0.5 gal/1000 FE270 & 1 gal/1000 FE271

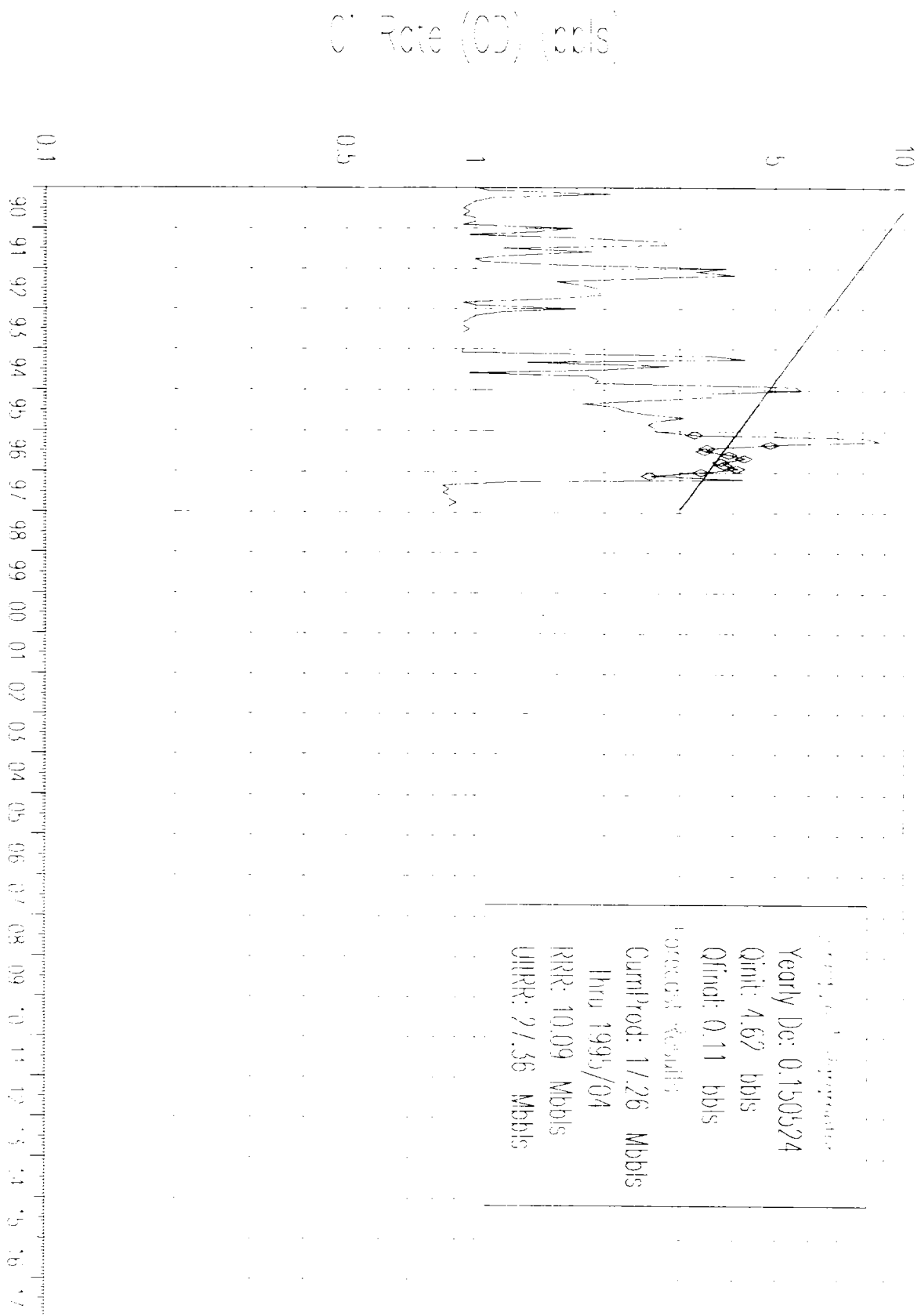
*** All flush water to contain appropriate de-emulsifiers (NE agents = 1 gal/1000 NE-13)

2608
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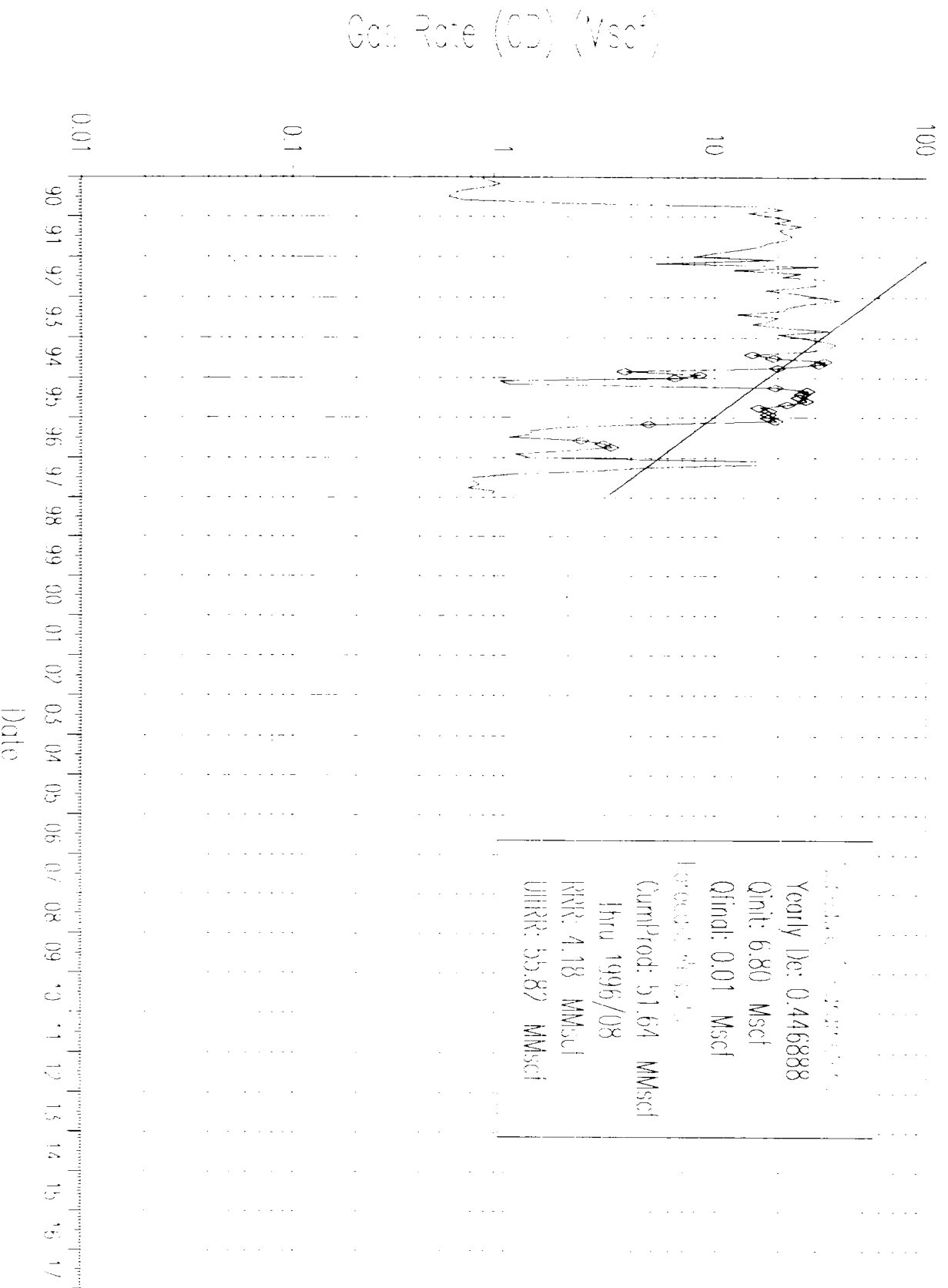
T. Love 687-7645

FFAS1 : FUNICE MONUMENT SOUTH UNIT 110

WELL: FA/4020:01 CDAIL: 5/0412



Date



LEASE : EUNICE MONUMENT SOUTH UNIT 110
WELL: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
9001	31.0	0.00	24	0.00
9002	30.0	0.00	23	0.00
9003	64.0	0.00	30	0.00
9004	33.0	0.00	25	0.00
9005	31.0	0.00	20	0.00
9006	29.0	0.00	17	0.00
9007	29.0	0.00	17	0.00
9008	30.0	0.00	20	0.00
9009	28.0	0.00	65	0.00
9010	31.0	0.00	518	0.00
9011	30.0	0.00	637	0.00
9012	29.0	0.00	451	0.00
9101	52.0	0.00	582	0.00
9102	39.0	0.00	649	0.00
9103	30.0	0.00	595	0.00
9104	56.0	0.00	780	0.00
9105	85.0	0.00	631	0.00
9106	84.0	0.00	638	0.00
9107	36.0	0.00	726	0.00
9108	58.0	0.00	676	0.00
9109	37.0	0.00	538	0.00
9110	31.0	0.00	504	0.00
9111	31.0	0.00	401	0.00
9112	51.0	0.00	308	0.00
9201	119.0	0.00	249	0.00
9202	95.0	0.00	556	0.00
9203	125.0	0.00	162	0.00
9204	76.0	0.00	936	0.00
9205	48.0	0.00	383	0.00
9206	53.0	0.00	774	0.00
9207	60.0	0.00	649	0.00
9208	60.0	0.00	1102	0.00
9209	59.0	0.00	1040	0.00
9210	47.0	0.00	823	0.00
9211	28.0	0.00	522	0.00
9212	31.0	0.00	751	0.00
9301	53.0	0.00	945	0.00
9302	32.0	0.00	1100	0.00
9303	31.0	0.00	833	0.00
9304	29.0	0.00	662	0.00
9305	29.0	0.00	658	0.00
9306	28.0	0.00	386	0.00
9307	30.0	0.00	620	0.00
9308	29.0	0.00	564	0.00
9309	28.0	0.00	454	0.00
9310	29.0	0.00	648	0.00
9311	28.0	0.00	1046	0.00
9312	29.0	0.00	622	0.00
9401	29.0	0.00	782	0.00
9402	26.0	0.00	893	0.00

LEASE : EUNICE MONUMENT SOUTH UNIT 110
WELL: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
9403	110.0	0.00	1167	0.00
9404	128.0	0.00	1038	0.00
9405	41.0	0.00	880	0.00
9406	85.0	0.00	462	0.00
9407	63.0	0.00	600	0.00
9408	30.0	0.00	1043	0.00
9409	55.0	0.00	947	0.00
9410	60.0	0.00	627	0.00
9411	57.0	0.00	114	0.00
9412	173.0	0.00	267	0.00
9501	178.0	0.00	204	0.00
9502	100.0	0.00	27	0.00
9503	110.0	0.00	33	0.00
9504	75.0	0.00	592	0.00
9505	55.0	142.25	863	0.00
9506	63.0	135.80	795	0.00
9507	69.0	138.44	793	0.00
9508	78.0	136.57	849	0.00
9509	93.0	130.38	672	0.00
9510	82.0	132.90	510	0.00
9511	76.0	126.88	552	0.00
9512	81.0	129.34	568	0.00
9601	82.0	127.59	566	0.00
9602	95.0	117.75	570	0.00
9603	251.0	124.17	153	0.00
9604	263.0	118.54	56	0.00
9605	152.0	120.84	41	0.00
9606	105.0	115.36	41	0.00
9607	107.0	117.60	33	0.00
9608	122.0	116.01	73	0.00
9609	128.0	110.75	90	199.05
9610	117.0	112.90	101	195.78
9611	115.0	107.78	62	180.34
9612	127.0	109.87	35	177.38
9701	105.0	108.39	41	168.84
9702	72.0	96.58	443	145.16
9703	131.0	105.48	488	152.97
9704	35.0	100.70	139	140.91
9705	26.0	102.65	86	138.59
9706	26.0	98.00	33	127.66
9707	26.0	99.90	22	125.57
9708	27.0	98.55	22	119.52
9709	26.0	94.08	23	110.10
9710	28.0	95.90	21	108.29
9711	26.0	91.56	27	99.75
9712	27.0	93.33	27	98.11
9801	0.0	92.07	0	93.39
9802	0.0	82.04	0	80.29
9803	0.0	89.60	0	84.61
9804	0.0	85.54	0	77.94

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DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
9805	0.0	87.20	0	76.66
9806	0.0	83.25	0	70.61
9807	0.0	84.86	0	69.45
9808	0.0	83.71	0	66.11
9809	0.0	79.92	0	60.90
9810	0.0	81.47	0	59.90
9811	0.0	77.78	0	55.17
9812	0.0	79.28	0	54.27
9901	0.0	78.21	0	51.65
9902	0.0	69.69	0	44.41
9903	0.0	76.11	0	46.80
9904	0.0	72.66	0	43.11
9905	0.0	74.07	0	42.40
9906	0.0	70.72	0	39.06
9907	0.0	72.09	0	38.42
9908	0.0	71.11	0	36.57
9909	0.0	67.89	0	33.68
9910	0.0	69.21	0	33.13
9911	0.0	66.07	0	30.52
9912	0.0	67.35	0	30.02
10001	0.0	66.44	0	28.57
10002	0.0	61.31	0	25.44
10003	0.0	64.66	0	25.88
10004	0.0	61.73	0	23.84
10005	0.0	62.92	0	23.45
10006	0.0	60.07	0	21.60
10007	0.0	61.24	0	21.25
10008	0.0	60.41	0	20.22
10009	0.0	57.67	0	18.63
10010	0.0	58.79	0	18.32
10011	0.0	56.12	0	16.88
10012	0.0	57.21	0	16.60
10101	0.0	56.44	0	15.80
10102	0.0	50.29	0	13.59
10103	0.0	54.93	0	14.32
10104	0.0	52.44	0	13.19
10105	0.0	53.45	0	12.97
10106	0.0	51.03	0	11.95
10107	0.0	52.02	0	11.75
10108	0.0	51.32	0	11.19
10109	0.0	48.99	0	10.30
10110	0.0	49.94	0	10.14
10111	0.0	47.68	0	9.34
10112	0.0	48.60	0	9.18
10201	0.0	47.94	0	8.74
10202	0.0	42.72	0	7.51
10203	0.0	46.66	0	7.92
10204	0.0	44.54	0	7.29
10205	0.0	45.41	0	7.17
10206	0.0	43.35	0	6.61

LEASE : EUNICE MONUMENT SOUTH UNIT 110
WELL: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
10207	0.0	44.19	0	6.50
10208	0.0	43.59	0	6.19
10209	0.0	41.62	0	5.70
10210	0.0	42.42	0	5.61
10211	0.0	40.50	0	5.16
10212	0.0	41.28	0	5.08
10301	0.0	40.73	0	4.83
10302	0.0	36.29	0	4.16
10303	0.0	39.63	0	4.38
10304	0.0	37.84	0	4.03
10305	0.0	38.57	0	3.97
10306	0.0	36.82	0	3.66
10307	0.0	37.54	0	3.60
10308	0.0	37.03	0	3.42
10309	0.0	35.35	0	3.15
10310	0.0	36.04	0	3.10
10311	0.0	34.40	0	2.86
10312	0.0	35.07	0	2.81
10401	0.0	34.60	0	2.67
10402	0.0	31.93	0	2.38
10403	0.0	33.67	0	2.42
10404	0.0	32.14	0	2.23
10405	0.0	32.77	0	2.19
10406	0.0	31.28	0	2.02
10407	0.0	31.89	0	1.99
10408	0.0	31.46	0	1.89
10409	0.0	30.03	0	1.74
10410	0.0	30.61	0	1.72
10411	0.0	29.22	0	1.58
10412	0.0	29.79	0	1.55
10501	0.0	29.39	0	1.48
10502	0.0	26.19	0	1.27
10503	0.0	28.60	0	1.34
10504	0.0	27.30	0	1.23
10505	0.0	27.83	0	1.21
10506	0.0	26.57	0	1.12
10507	0.0	27.09	0	1.10
10508	0.0	26.72	0	1.05
10509	0.0	25.51	0	0.96
10510	0.0	26.00	0	0.95
10511	0.0	24.83	0	0.87
10512	0.0	25.31	0	0.86
10601	0.0	24.97	0	0.82
10602	0.0	22.24	0	0.70
10603	0.0	24.30	0	0.74
10604	0.0	23.19	0	0.68
10605	0.0	23.64	0	0.67
10606	0.0	22.57	0	0.62
10607	0.0	23.01	0	0.61
10608	0.0	22.70	0	0.58

SE : EUNICE MONUMENT SOUTH UNIT 110
 L: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
			0	0.53
			0	0.52
0609	0.0	21.67	0	0.48
0610	0.0	22.09	0	0.48
0611	0.0	21.09	0	0.45
0612	0.0	21.50	0	0.39
0701	0.0	21.21	0	0.41
0702	0.0	18.90	0	0.38
0703	0.0	20.64	0	0.37
0704	0.0	19.70	0	0.34
10705	0.0	20.08	0	0.34
10706	0.0	19.17	0	0.32
10707	0.0	19.55	0	0.00
10708	0.0	19.28	0	0.00
10709	0.0	18.41	0	0.00
10710	0.0	18.77	0	0.00
10711	0.0	17.91	0	0.00
10712	0.0	18.26	0	0.00
10801	0.0	18.02	0	0.00
10802	0.0	16.63	0	0.00
10803	0.0	17.53	0	0.00
10804	0.0	16.74	0	0.00
10805	0.0	17.06	0	0.00
10806	0.0	16.29	0	0.00
10807	0.0	16.60	0	0.00
10808	0.0	16.38	0	0.00
10809	0.0	15.64	0	0.00
10810	0.0	15.94	0	0.00
10811	0.0	15.22	0	0.00
10812	0.0	15.51	0	0.00
10901	0.0	15.30	0	0.00
10902	0.0	13.64	0	0.00
10903	0.0	14.89	0	0.00
10904	0.0	14.22	0	0.00
10905	0.0	14.49	0	0.00
10906	0.0	13.84	0	0.00
10907	0.0	14.10	0	0.00
10908	0.0	13.91	0	0.00
10909	0.0	13.28	0	0.00
10910	0.0	13.54	0	0.00
10911	0.0	12.93	0	0.00
10912	0.0	13.18	0	0.00
11001	0.0	13.00	0	0.00
11002	0.0	11.58	0	0.00
11003	0.0	12.65	0	0.00
11004	0.0	12.08	0	0.00
11005	0.0	12.31	0	0.00
11006	0.0	11.75	0	0.00
11007	0.0	11.98	0	0.00
11008	0.0	11.82	0	0.00
11009	0.0	11.28	0	0.00
11010	0.0	11.50	0	0.00

LEASE : EUNICE MONUMENT SOUTH UNIT 110
WELL: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
11011	0.0	10.98	0	0.00
11012	0.0	11.19	0	0.00
11101	0.0	11.04	0	0.00
11102	0.0	9.84	0	0.00
11103	0.0	10.75	0	0.00
11104	0.0	10.26	0	0.00
11105	0.0	10.46	0	0.00
11106	0.0	9.98	0	0.00
11107	0.0	10.18	0	0.00
11108	0.0	10.04	0	0.00
11109	0.0	9.59	0	0.00
11110	0.0	9.77	0	0.00
11111	0.0	9.33	0	0.00
11112	0.0	9.51	0	0.00
11201	0.0	9.38	0	0.00
11202	0.0	8.66	0	0.00
11203	0.0	9.13	0	0.00
11204	0.0	8.72	0	0.00
11205	0.0	8.88	0	0.00
11206	0.0	8.48	0	0.00
11207	0.0	8.65	0	0.00
11208	0.0	8.53	0	0.00
11209	0.0	8.14	0	0.00
11210	0.0	8.30	0	0.00
11211	0.0	7.92	0	0.00
11212	0.0	8.08	0	0.00
11301	0.0	7.97	0	0.00
11302	0.0	7.10	0	0.00
11303	0.0	7.76	0	0.00
11304	0.0	7.40	0	0.00
11305	0.0	7.55	0	0.00
11306	0.0	7.20	0	0.00
11307	0.0	7.34	0	0.00
11308	0.0	7.25	0	0.00
11309	0.0	6.92	0	0.00
11310	0.0	7.05	0	0.00
11311	0.0	6.73	0	0.00
11312	0.0	6.86	0	0.00
11401	0.0	6.77	0	0.00
11402	0.0	6.03	0	0.00
11403	0.0	6.59	0	0.00
11404	0.0	6.29	0	0.00
11405	0.0	6.41	0	0.00
11406	0.0	6.12	0	0.00
11407	0.0	6.24	0	0.00
11408	0.0	6.15	0	0.00
11409	0.0	5.88	0	0.00
11410	0.0	5.99	0	0.00
11411	0.0	5.72	0	0.00
11412	0.0	5.83	0	0.00

LEASE : EUNICE MONJMENT SOUTH UNIT 110
WELL: FA74020:01 CDATE: 370412

DATE	OIL VOLUME PRODUCED bbls	FORECASTED OIL VOLUME bbls	GAS VOLUME PRODUCED Mscf	FORECASTED GAS VOLUME Mscf
11501	0.0	5.75	0	0.00
11502	0.0	5.12	0	0.00
11503	0.0	5.60	0	0.00
11504	0.0	5.34	0	0.00
11505	0.0	5.45	0	0.00
11506	0.0	5.20	0	0.00
11507	0.0	5.30	0	0.00
11508	0.0	5.23	0	0.00
11509	0.0	4.99	0	0.00
11510	0.0	5.09	0	0.00
11511	0.0	4.86	0	0.00
11512	0.0	4.95	0	0.00
11601	0.0	4.88	0	0.00
11602	0.0	4.51	0	0.00
11603	0.0	4.75	0	0.00
11604	0.0	4.54	0	0.00
11605	0.0	4.63	0	0.00
11606	0.0	4.42	0	0.00
11607	0.0	4.50	0	0.00
11608	0.0	4.44	0	0.00
11609	0.0	4.24	0	0.00
11610	0.0	4.32	0	0.00
11611	0.0	4.13	0	0.00
11612	0.0	4.21	0	0.00
11701	0.0	4.15	0	0.00
11702	0.0	3.70	0	0.00
11703	0.0	4.04	0	0.00
11704	0.0	3.86	0	0.00
11705	0.0	3.93	0	0.00
11706	0.0	3.75	0	0.00
11707	0.0	3.82	0	0.00
11708	0.0	3.77	0	0.00
11709	0.0	3.60	0	0.00
11710	0.0	3.67	0	0.00
11711	0.0	3.51	0	0.00
11712	0.0	3.57	0	0.00