

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 11/1/93

Submit Original
Plus 2 Copies
to appropriate
District Office

H-0095

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: Doyle Hartman OGRID #: 6473
Address: 500 N. Main, Midland, Texas 79701
Contact Party: Don L. Mashburn Phone: (915) 684-4011
- II. Name of Well: State "E" Com. #2 API #: 30-025-04668
Location of Well: Unit Letter P, 660 Feet from the South line and 660 feet from the East line,
Section 16, Township 21-S, Range 36-E, NMPM, Lea County
- III. Date Workover Procedures Commenced: 12-21-95
Date Workover Procedures were Completed: 1-12-96
- 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: Eumont (Y-7R-Qn)

VII. AFFIDAVIT:

State of Texas)
) ss.
County of Midland)

Don L. Mashburn, 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.

Don L. Mashburn
(Name)

Engineer
(Title)

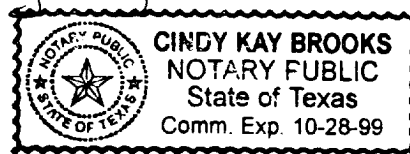
8/1/96

SUBSCRIBED AND SWORN TO before me this 1 day of August, 1996

Cindy Kay Brooks

Notary Public

My Commission expires: 10-28-99



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 1-12-96, 1996.

Paul G. Kang

District Supervisor, District 1
Oil Conservation Division

Date: 5/19/97

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

DATE: _____

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

FILE COPY
Form C-103
Revised 1-1-89

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. 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. 30-025-04668
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No. B-2330
7. Lease Name or Unit Agreement Name State "E" Com
8. Well No. 2
9. Pool name or Wildcat Eumont

Unit Letter <u>P</u> : <u>660</u> Feet From The <u>South</u> Line and <u>660</u> Feet From The <u>East</u> Line
Section <u>16</u> Township <u>21S</u> Range <u>36E</u> NMPM <u>Lea</u> County
10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3608 G.L.

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.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER

2. Name of Operator
Doyle Hartman

3. Address of Operator
500 N. Main St., Midland, Tx 79701

4. Well Location

Unit Letter P : 660 Feet From The South Line and 660 Feet From The East Line

Section 16 Township 21S Range 36E NMPM Lea County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
3608 G.L.

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 OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐		CASING TEST AND CEMENT JOB ☒	
OTHER: ☐		OTHER: Added perfs and acidized ☒	

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed)

Rigged up well service unit. Released Model-R packer and dumped packer fluid. Installed BOP. POH & LD 2-7/8" 10V tubing and Model-R packer. Rigged up wireline truck and set 7" CIBP at 2990' and 7" EZ-Drill SV retainer at 2690'. While performing pump-in test into previously uncemented 10-17-52 squeeze perfs at 2744' - 45', experienced pressure communication to 7" x 2-3/8" annulus. Ran tubing and non-upset retainer stinger and locked retainer valve in open position. Set second retainer at 2625'. Squeeze cemented previously "uncemented" squeeze perfs at 2744' - 45' (4 holes) with 479 net sx of API Class-C neat cement. Drilled cement retainers and cement. Drilled upper part of top CIBP at 2990' and pushed remainder of CIBP to a PBTD of 3587'. Drilled remainder of top CIBP, 12' of cement, and upper portion of CIBP set at 3599'. Pushed remainder of second CIBP to top of Model-D packer. Set 7" EZ-Drill SV retainer at 3692'. Unsuccessfully attempted to establish pump-in rate, at a pump pressure of 3500 psi, into open-hole section 3810' - 3906'. Set CIBP at 3683'. New PBTD now at 3683'. Ran DSS-CNL-GR-CCL cased-hole-porosity and cement-bond log. Found good bonding from PBTD to above top of productive intervals. Perforated Eumont interval 3040' - 3613' w/40. A/7000 gallons 15% NEFE. Tested 7" casing 3620' - 3683' to 2300 psi. Held okay. Tested 7" casing from 0' - 2632' to 2700 psi. Held okay. Tested squeezed perfs at 2744' - 45' to 2700 psi. Experienced slow pressure leak-off. Continued static pressure test of squeezed perfs. Overnight static shut-in wellhead pressure was 980 psi. Ran and set 2-3/8", 4.7 lb/ft, J-55, EUE tubing at 3653'. Ran 3/4" API Class-K rod string and 2-3/8" x 1-1/4" x 13' THD insert pump. Made up pumping-flowing wellhead assembly. On 1/12/96, placed well on pump at 9.5 x 64 x 1-1/4. Turned well back into pipeline.

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

SIGNATURE Doyle Hartman TITLE Operator-Owner DATE Jan. 15, 1996

TYPE OR PRINT NAME Doyle Hartman TELEPHONE NO. 915-684-4011

(This space for State Use)

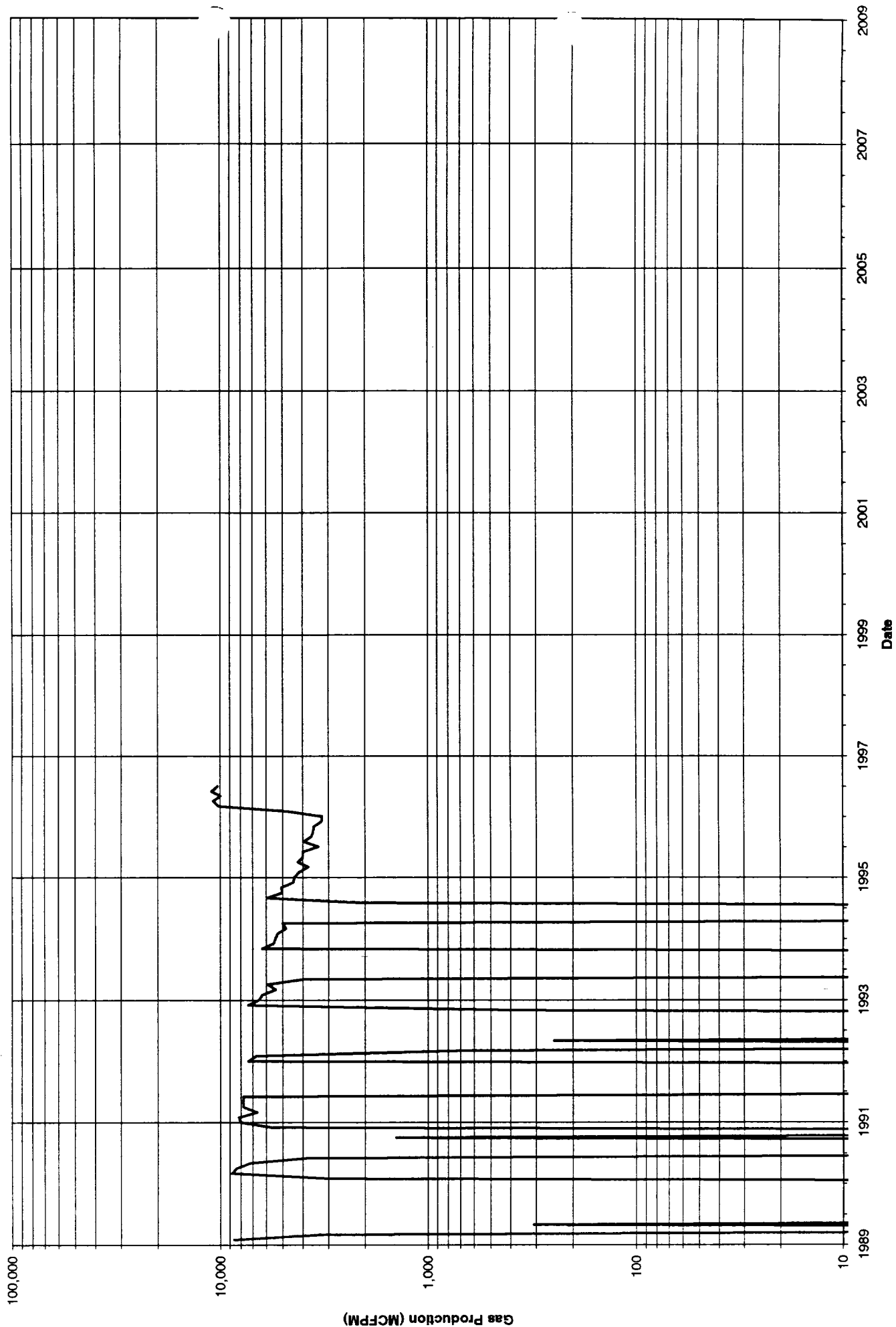
ORIGINAL SIGNED BY
GARY WINK
FIELD REP. II

APPROVED BY _____ TITLE _____ DATE _____

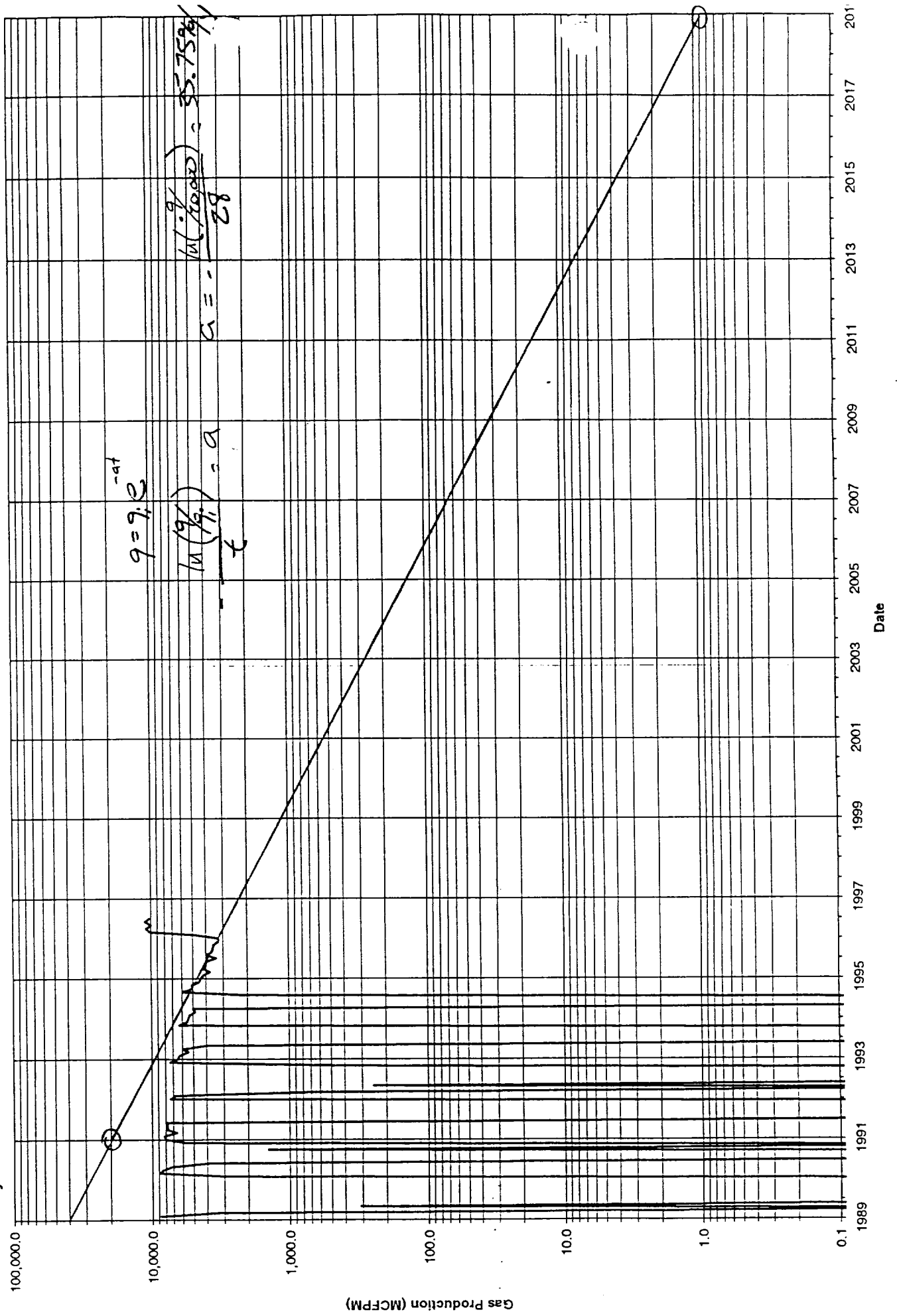
CONDITIONS OF APPROVAL, IF ANY:

JAN 24 1996

State E No. 2
P-16-21S-36E
Eumont Gas Pool
Doyle Hartman



State E No. 2
P-16-21S-36E
Eumont Gas Pool
Doyle Hartman



C-6-20S-37E
Eumont Gas Pool
Doyle Hartman

P-16-21S-36E
Eumont Gas Pool
Doyle Hartman

M-6-20S-37E
Eumont Gas Pool
Doyle Hartman

M-6-20S-37E
Monument Blinney Pool
Doyle Hartman

Date	Oil	Gas	Water	Date	Oil	Gas	Water	Date	Oil	Gas	Water	Date	Oil	Gas	Water
09/89	0	824	0	01/89	0	8608	0	02/91	0	4138	419	04/90	287	535	2854
10/89	0	840	0	02/89	0	3258	0	03/91	0	13022	385	05/90	660	757	1353
11/89	0	0	0	03/89	0	0	0	04/91	0	13307	301	06/90	497	623	527
12/89	0	0	0	04/89	0	308	0	05/91	0	14362	309	07/90	721	1012	13061
01/90	0	0	0	05/89	0	0	0	06/91	0	2911	87	08/90	379	567	9921
02/90	0	0	0	06/89	0	0	0	07/91	0	0	44	09/90	684	562	9358
03/90	0	0	0	07/89	0	0	0	08/91	0	0	80	10/90	705	924	11660
04/90	0	0	0	08/89	0	0	0	09/91	0	418	69	11/90	778	843	13095
05/90	0	0	0	09/89	0	0	0	10/91	0	10644	237	12/90	501	420	9655
06/90	0	0	0	10/89	0	0	0	11/91	0	10391	287	01/91	578	741	10834
07/90	0	0	0	11/89	0	0	0	12/91	0	10602	377	02/91	573	797	12340
08/90	0	0	0	12/89	0	0	0	01/92	0	12930	539	03/91	416	380	10945
09/90	0	1344	0	01/90	0	2954	0	02/92	0	4391	170	04/91	438	514	11839
10/90	0	3574	0	02/90	0	8802	0	03/92	0	13224	445	05/91	386	638	10605
11/90	0	3625	0	03/90	0	8363	0	04/92	0	13764	354	06/91	333	653	7880
12/90	0	17657	0	04/90	0	7159	0	05/92	0	12847	396	07/91	584	899	12175
01/91	0	20982	0	05/90	0	3767	0	06/92	0	12473	292	08/91	457	852	8570
02/91	0	22652	0	06/90	0	0	0	07/92	0	13338	287	09/91	651	1620	11660
03/91	0	26480	0	07/90	0	0	0	08/92	0	11099	193	10/91	601	1511	11890
04/91	0	20651	0	08/90	0	0	0	09/92	0	11492	422	11/91	378	646	8230
05/91	0	9610	0	09/90	0	1418	0	10/92	0	12136	242	12/91	558	432	10670
06/91	0	0	0	10/90	0	0	0	11/92	0	11200	320	01/92	717	1088	13270
07/91	0	0	0	11/90	0	5650	0	12/92	0	11078	419	02/92	551	669	11670
08/91	0	0	0	12/90	0	8001	0	01/93	0	12585	336	03/92	583	926	12195
09/91	0	0	0	01/91	0	8150	0	02/93	0	9802	351	04/92	540	1396	11475
10/91	0	0	0	02/91	0	6648	0	03/93	0	12274	375	05/92	499	1360	11190
11/91	0	8716	746	03/91	0	7723	0	04/93	0	11279	388	06/92	440	900	10302
12/91	0	12500	1382	04/91	0	7760	0	05/93	0	10923	371	07/92	521	1346	12812
01/92	0	13556	1230	05/91	0	7752	0	06/93	0	9977	323	08/92	504	1577	12386
02/92	0	5976	205	06/91	0	0	0	07/93	0	6901	188	09/92	416	982	10650
03/92	0	16342	803	07/91	0	0	0	08/93	0	8394	222	10/92	518	953	12115
04/92	0	3504	81	08/91	0	0	0	09/93	0	7697	218	11/92	472	1480	11480
05/92	0	2876	0.001	09/91	0	0	0	10/93	0	7713	210	12/92	464	1237	11460
06/92	0	3098	0.001	10/91	0	0	0	11/93	0	8050	145	01/93	486	1653	11675
07/92	0	2747	39	11/91	0	0	0	12/93	0	8078	207	02/93	405	518	10326
08/92	0	2358	26	12/91	0	7327	0	01/94	0	7905	205	03/93	516	922	12040
09/92	0	2516	36	01/92	0	6707	0	02/94	0	7347	187	04/93	517	946	11800
10/92	0	2385	43	02/92	0	687	0	03/94	0	8257	199	05/93	484	1062	11890
11/92	0	18842	524	03/92	0	0	0	04/94	0	8200	195	06/93	488	1060	10331
12/92	0	18878	634	04/92	0	246	0	05/94	0	8314	187	07/93	418	855	8472
01/93	0	6537	1543	05/92	0	0	0	06/94	0	7328	213	08/93	396	942	8840
02/93	0	3727	2953	06/92	0	0	0	07/94	0	8630	216	09/93	415	960	8899
03/93	0	3742	1984	07/92	0	0	0	08/94	0	8441	207	10/93	402	915	9150
04/93	0	2447	1513	08/92	0	0	0	09/94	0	7848	192	11/93	410	895	9005
05/93	0	303	176	09/92	0	0	0	10/94	0	8043	198	12/93	428	929	9658
06/93	0	287	158	10/92	0	389	0	11/94	0	6690	175	01/94	431	935	9890
07/93	0	417	159	11/92	0	7342	0	12/94	0	7735	185	02/94	380	833	8650
08/93	0	1356	185	12/92	0	8514	0	01/95	0	7095	176	03/94	434	930	9595
09/93	0	2639	23	01/93	0	6267	0	02/95	0	6298	161	04/94	389	884	9134
10/93	0	2953	429	02/93	0	5396	0	03/95	0	6456	179	05/94	430	879	9270
11/93	0	2275	1113	03/93	0	5899	0	04/95	0	5893	166	06/94	412	837	9120
12/93	0	552	726	04/93	0	3961	0	05/95	0	5566	165	07/94	421	842	9445
01/94	0	0	0	05/93	0	0	0	06/95	0	4920	144	08/94	424	923	9355
02/94	0	0	0	06/93	0	0	0	07/95	0	4744	159	09/94	406	853	8790
03/94	0	0	0	07/93	0	0	0	08/95	0	4335	166	10/94	440	992	9590
04/94	0	0	0	08/93	0	0	0	09/95	0	4813	161	11/94	414	959	9285
05/94	0	0	0	09/93	0	0	0	10/95	0	3427	145	12/94	428	947	9340
06/94	0	0	0	10/93	0	6263	0	11/95	0	5680	632	01/95	437	929	9350
07/94	0	0	0	11/93	0	5506	0	12/95	0	7198	726	02/95	392	804	8510
08/94	0	0	0	12/93	0	5406	0	01/96	0	7440	614	03/95	358	642	8880
09/94	0	0	0	01/94	0	5293	0	02/96	0	5938	641	04/95	397	740	9130
10/94	0	0	0	02/94	0	4806	0	03/96	0	6694	579	05/95	449	845	9530
11/94	0	0	0	03/94	0	4982	0	04/96	0	6335	540	06/95	415	908	9155
12/94	0	0	0	04/94	0	0	0	05/96	0	6496	553	07/95	473	934	9530
01/95	0	0	0	05/94	0	0	0	06/96	0	5683	543	08/95	424	929	8855
02/95	0	0	0	06/94	0	0	0	09/95	0	0	0	09/95	335	794	8295
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04/95	0	0	0	08/94	0	5930	0	11/95	0	0	0	11/95	415	986	8855
05/95	0	0	0	09/94	0	5046	0	12/95	0	0	0	12/95	217	282	8846
06/95	0	0	0	10/94	0	5067	0	01/96	0	0	0	01/96	434	653	10991
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11/95	0	31731	225	03/95	0	4214	0	06/96	0	0	0	06/96	523	401	8885
12/95	0	35725	10	04/95	0	3978	0								
01/96	0	34718	9	05/95	0	3980	0								
02/96	0	32938	5	06/95	0	3356	0								
03/96	0	34012	4	07/95	0	3945	0								
04/96	0	32200	2	08/95	0	3610	0								
05/96	0	32022	0	09/95	0	3550	0								
06/96	0	29101	17	10/95	0	3531	0								
				11/95	0	3237	0								
				12/95	0	3204	0								
				01/96	0	4748	402								
				02/96	0	10200	78								
				03/96	0	10804	37								
				04/96	0	9970	22								
				05/96	0	10986	8								
				06/96	0	10295	24								

