

1980
NM 88241-1980
dict II - (505) 748-1283
S. First
na, NM 88210
dict III - (505) 334-6178
Rio Brazos Road
c. NM 87410
dict IV

NEW MEXICO
Energy, Mines 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-0545

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: CAROLYN HAYNIE, Technical Assistant Phone: 915-687-7384
- II. Name of Well: EUNICE KING #23 API #: 30-025-0683⁶
Location of Well: Unit Letter B, 554 Feet from the NORTH line and 1874 feet from the EAST line.
Section 28, Township 21S, Range 37E, NMPM, LEA County
- III. Date Workover Procedures Commenced: 9-16-98
Date Workover Procedures were Completed: 9-25-98
- 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: HARE; SIMPSON

VII. AFFIDAVIT:
State of Texas)
County of Midland) ss.

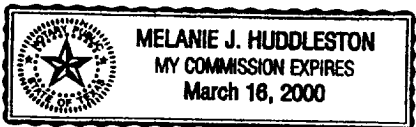
CL, being first duly sworn, upon oath states:

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.

Carolyn Haynie
(Name)
Technical Assistant
(Title)

msf

SUBSCRIBED AND SWORN TO before me this 17th day of May, 1999



Melanie J. Huddleston
Notary Public

My Commission expires: 3/16/2000

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 9-25, 1998

Paul G. Kautz
District Supervisor, District 1
Oil Conservation Division

Date: 5/26/99

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

DATE: _____

BASIS FOR PRODUCTION FORECAST

Well Name: EUNICE KING # 23

Well Location: 554 FNL & 1874 FEL, UNIT B; SEC. 28
T21S, R37E, LEA COUNTY, NEW MEXICO

Field Name: HARE; SIMPSON

Dynamic Surveillance System Software Program was used to determine the decline through historical data points and to project forecasted production. The decline rate was derived from the slope of the best fit line through the historical production values over the time period shown below. The decline projection was then moved to start at the last point prior to the workover.

Start of Historical Production Period: Jan-96

End of Historical Production Period: Nov-98

Type of Decline Rate & Projection Used : X Exponential Hyperbolic

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

DISTRICT I

P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO. 30-025-06863
5. Indicate Type of Lease STATE ☐ FEE ☒
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name EUNICE KING
8. Well No. 23
9. Pool name or Wildcat HARE;SIMPSON

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 Chevron U.S.A. Inc.	
3. Address of Operator P.O. Box 1150, Midland, TX 79702	
4. Well Location Unit Letter B : 554 Feet From The NORTH Line and 1874 Feet From The EAST Line Section 28 Township 21S Range 37E NMPM LEA County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☒ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: ☐

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.

POH W/PROD EQPT. CLEANED OUT TO 7615'. FRACD W/21.4 BBLS GEL & 69,940# SD.
TAGGED @ 6483'; CLEANED OUT TO 7605'. CIRC HOLE CLEAN. RIH W/TBG, PMP & RODS;
TBG @ 7293'.

WORK PERFORMED 9/16/98 - 9/25/98

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

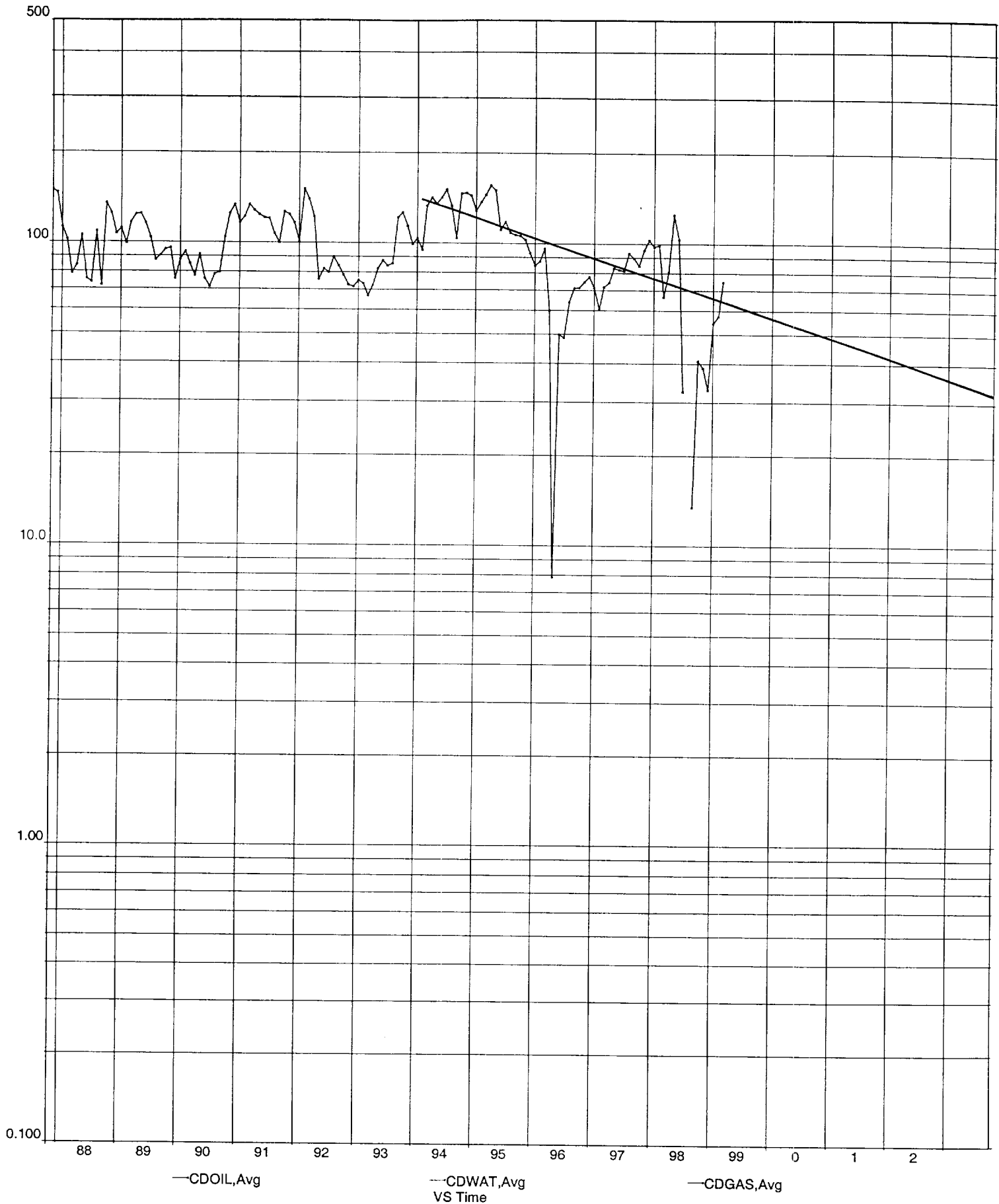
SIGNATURE J. K. Ripley TITLE TECHNICAL ASSISTANT DATE 5/13/99

TYPE OR PRINT NAME J. K. RIPLEY TELEPHONE NO. (915)687-7148

(This space for State Use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



Decline Stream: CDGAS
 Nom Fit Decline, 1/yr: Exp, 0.1513
 Forecast Decline, 1/yr: Exp, 0.1513
 Begin Date, Rate: 3/1/1998, 75.18
 End Date, Rate, Yrs: 2/29/2008, 16.55, 10.00
 Remaining: 141484.71

Historial Production from PI\Dwigh*-**Eunice King # 23 API 30-025-0683****Monthly Production**

Year	Monthly Gas (MCF)	Daily Avg. Gas
1986 JAN	2321	75
1986 FEB	2572	92
1986 MAR	4585	148
1986 APR	1119	37
1986 MAY	1062	34
1986 JUN	2541	85
1986 JUL	866	28
1986 AUG	2412	78
1986 SEP	2266	76
1986 OCT	2307	74
1986 NOV	2436	81
1986 DEC	3167	102
1987 JAN	851	27
1987 FEB	3711	133
1987 MAR	4139	134
1987 APR	4366	146
1987 MAY	5409	174
1987 JUN	10615	354
1987 JUL	19016	613
1987 AUG	13586	438
1987 SEP	6231	208
1987 OCT	5041	163
1987 NOV	5233	174
1987 DEC	5246	169
1988 JAN	4156	134
1988 FEB	4104	147
1988 MAR	3629	117
1988 APR	3230	108
1988 MAY	4020	130
1988 JUN	2641	88
1988 JUL	2532	82
1988 AUG	3128	101
1988 SEP	1900	63
1988 OCT	3571	115
1988 NOV	3410	114
1988 DEC	2625	85
1989 JAN	3462	112
1989 FEB	1733	62
1989 MAR	1869	60
1989 APR	2064	69
1989 MAY	3338	108
1989 JUN	3391	113
1989 JUL	3155	102
1989 AUG	2658	86
1989 SEP	2662	89
1989 OCT	2884	93
1989 NOV	2815	94
1989 DEC	2297	74
1990 JAN	2670	86
1990 FEB	2558	91
1990 MAR	2584	83
1990 APR	2280	76
1990 MAY	2774	89
1990 JUN	2224	74
1990 JUL	2165	70
1990 AUG	2381	77

Year	Monthly Gas (MCF)	Daily Gas
1990 SEP	2343	78
1990 OCT	3161	102
1990 NOV	3661	122
1990 DEC	4050	131
1991 JAN	3535	114
1991 FEB	3340	111
1991 MAR	4056	131
1991 APR	3749	125
1991 MAY	3753	121
1991 JUN	3549	118
1991 JUL	3651	118
1991 AUG	3264	105
1991 SEP	2942	98
1991 OCT	3836	124
1991 NOV	3638	121
1991 DEC	3534	114
1992 JAN	3070	99
1992 FEB	4293	153
1992 MAR	4247	137
1992 APR	3580	119
1992 MAY	2300	74
1992 JUN	2414	80
1992 JUL	2431	78
1992 AUG	2732	88
1992 SEP	2472	82
1992 OCT	2375	77
1992 NOV	2132	71
1992 DEC	2175	70
1993 JAN	2278	73
1993 FEB	2011	72
1993 MAR	2081	67
1993 APR	2128	71
1993 MAY	2496	81
1993 JUN	2572	86
1993 JUL	2554	82
1993 AUG	2596	84
1993 SEP	3568	119
1993 OCT	3826	123
1993 NOV	3345	112
1993 DEC	3018	97
1994 JAN	3152	102
1994 FEB	2612	90
1994 MAR	4033	130
1994 APR	4165	139
1994 MAY	4105	132
1994 JUN	4168	139
1994 JUL	4584	148
1994 AUG	4036	130
1994 SEP	3067	102
1994 OCT	4442	143
1994 NOV	4324	144
1994 DEC	4377	141
1995 JAN	3891	126
1995 FEB	3765	134
1995 MAR	4409	142
1995 APR	4580	153
1995 MAY	4564	147
1995 JUN	2695	90
1995 JUL	3580	115

Year	Monthly Gas (MCF)	Daily Avg. Gas
1995 AUG	3300	106
1995 SEP	3144	105
1995 OCT	3224	104
1995 NOV	3033	101
1995 DEC	2824	91
1996 JAN	2574	83
1996 FEB	2484	89
1996 MAR	2928	94
1996 APR	1762	59
1996 MAY	239	8
1996 JUN	1470	49
1996 JUL	1479	48
1996 AUG	1944	63
1996 SEP	2091	70
1996 OCT	2168	70
1996 NOV	2193	73
1996 DEC	2358	76
1997 JAN	2169	70
1997 FEB	1661	59
1997 MAR	2181	70
1997 APR	2182	73
1997 MAY	2524	81
1997 JUN	2412	80
1997 JUL	2474	80
1997 AUG	2829	91
1997 SEP	2636	88
1997 OCT	2571	83
1997 NOV	2804	93
1997 DEC	3132	101
1998 JAN	2979	96
1998 FEB	2721	97
1998 MAR	2020	65
1998 APR	2383	79
1998 MAY	3788	122
1998 JUN	3045	102
1998 JUL	987	32
1998 AUG		0
1998 SEP	396	13
1998 OCT	1242	40
1998 NOV	1139	38
1998 DEC		0
1998 CUM	1290938	

Chevron U.S.A. Production Company
Eunice King # 23

Date	Gas Forecast
3/1/1998	75.178
4/1/1998	74.219
5/1/1998	73.302
6/1/1998	72.366
7/1/1998	71.472
8/1/1998	70.56
9/1/1998	69.659
10/1/1998	68.799
11/1/1998	67.92
12/1/1998	67.081
1/1/1999	66.225
2/1/1999	65.38
3/1/1999	64.626
4/1/1999	63.801
5/1/1999	63.013
6/1/1999	62.208
7/1/1999	61.44
8/1/1999	60.656
9/1/1999	59.881
10/1/1999	59.142
11/1/1999	58.387
12/1/1999	57.665
1/1/2000	56.929
2/1/2000	56.203
3/1/2000	55.531
4/1/2000	54.823
5/1/2000	54.145
6/1/2000	53.454
7/1/2000	52.794
8/1/2000	52.12
9/1/2000	51.455
10/1/2000	50.819
11/1/2000	50.17
12/1/2000	49.551
1/1/2001	48.918
2/1/2001	48.294
3/1/2001	47.737
4/1/2001	47.127
5/1/2001	46.545
6/1/2001	45.951
7/1/2001	45.383
8/1/2001	44.804
9/1/2001	44.232
10/1/2001	43.686
11/1/2001	43.128
12/1/2001	42.595
1/1/2002	42.052
2/1/2002	41.515
3/1/2002	41.036
4/1/2002	40.512
5/1/2002	40.012
6/1/2002	39.501
7/1/2002	39.013
8/1/2002	38.515
9/1/2002	38.024
10/1/2002	37.554

Chevron U.S.A. Production Company
Eunice King # 23

Date	Gas Forecast
11/1/2002	37.074
12/1/2002	36.616
1/1/2003	36.149
2/1/2003	35.688
3/1/2003	35.276
4/1/2003	34.826
5/1/2003	34.396
6/1/2003	33.956
7/1/2003	33.537
8/1/2003	33.109
9/1/2003	32.686
10/1/2003	32.283
11/1/2003	31.87
12/1/2003	31.477
1/1/2004	31.075
2/1/2004	30.678
3/1/2004	30.312
4/1/2004	29.925
5/1/2004	29.555
6/1/2004	29.178
7/1/2004	28.818
8/1/2004	28.45
9/1/2004	28.087
10/1/2004	27.74
11/1/2004	27.386
12/1/2004	27.047
1/1/2005	26.702
2/1/2005	26.361
3/1/2005	26.057
4/1/2005	25.725
5/1/2005	25.407
6/1/2005	25.082
7/1/2005	24.773
8/1/2005	24.456
9/1/2005	24.144
10/1/2005	23.846
11/1/2005	23.542
12/1/2005	23.251
1/1/2006	22.954
2/1/2006	22.661
3/1/2006	22.4
4/1/2006	22.114
5/1/2006	21.841
6/1/2006	21.562
7/1/2006	21.295
8/1/2006	21.024
9/1/2006	20.755
10/1/2006	20.499
11/1/2006	20.237
12/1/2006	19.987
1/1/2007	19.732
2/1/2007	19.48
3/1/2007	19.255
4/1/2007	19.01
5/1/2007	18.775
6/1/2007	18.535

Chevron U.S.A. Production Company
Eunice King # 23

Date	Gas Forecast
7/1/2007	18.306
8/1/2007	18.073
9/1/2007	17.842
10/1/2007	17.621
11/1/2007	17.397
12/1/2007	17.182
1/1/2008	16.962
2/1/2008	16.746