

H-0076

**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. OGRID #: 4323

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

Contact Party: Alan W. Bohling, Petroleum Engineer Phone: (915) 687-7246

II. Name of Well: W.A. Ramsay (NCT-A) #13 API #: 30-025-04912
Location of Well: Unit Letter B, 660' Feet from the N line and 1980' feet from the E line,
Section 35, Township 21S, Range 36E, NMPM, Lea County

III. Date Workover Procedures Commenced: 8/31/95
Date Workover Procedures were Completed: 9/11/95

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: Yates-7 Rvrs-Queen (Pro Gas)

VII. AFFIDAVIT:

State of TEXAS)
) ss.

County of MIDLAND)

Alan W.

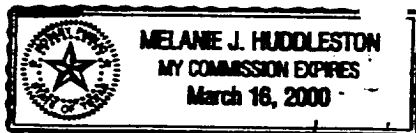
Bohling, being first duly sworn, upon oath states:

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.

Alan W. Bohling
(Name)

Petroleum Engineer
(Title)

SUBSCRIBED AND SWORN TO before me this 05 day of June, 1996



Melanie J. Huddleston
Notary Public

My Commission expires: 3/16/2000

FOR OIL CONSERVATION DIVISION USE ONLY:

VIII. CERTIFICATION OF APPROVAL:

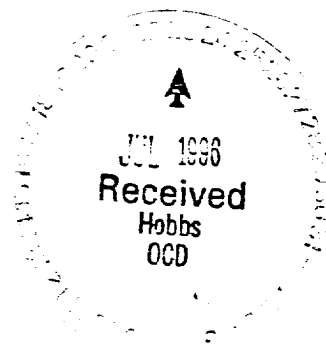
This Application for Qualification of Well Workover Project is hereby approved and the above referenced Well is designated as a Well Workover Project pursuant to the "Natural Gas and Crude Oil Production Incentive Act" (Laws 1995, Chapter 15, Sections 1 through 8). The Oil Conservation Division hereby 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 9-11, 1994

[Signature]
District Supervisor, District 1
Oil Conservation Division : Geologist

Date: 7/24/96

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

DATE: _____



State of New Mexico
Energy, Minerals and Natural Resources Department
OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1890, Hobbs, NM 88240

DISTRICT II

P.O. Drawer 0d, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, Nm 87410

API NO. (assigned by CCD on New Wells)

30-025-04912

5. Indicate Type of Lease

STATE



FEE ☐

6. State Oil & Gas Lease No.

002708

7. Lease Name or Unit Agreement Name

W. A. RAMSAY (NCT-A)

1. Type of Well:

OIL

GAS

WELL ☐

WELL ☒

OTHER

2. Name of Operator

CHEVRON U.S.A. INC.

8. Well No.

13

3. Address of Operator

P.O. BOX 1150 MIDLAND, TX 79702 ATTN: WENDI KINGSTON

9. Pool name or Wildcat

EUMONT;YATES-7 RVRS-QUEEN(PRO GAS)

4. Well Location

Unit Letter

B

:

660

Feet From The

NORTH

Line and

1980

Feet From The

EAST

Line

Section

35

Township

21S

Range

36E

NMPM

LEA

County

10. Elevation (Show whether OF, RKB, RT, GR, etc.)

3548'

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 ☒

ALTER CASING ☐

COMMENCE DRILLING OPNS. ☐

PLUG AND ABAN. ☐

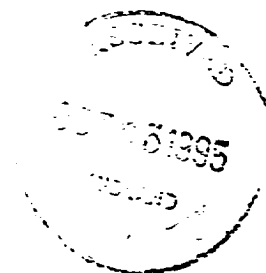
CASING TEST AND CMT JOB ☐

OTHER: ☐

PLUGBACK

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including anticipated date of starting any proposed work) SEE RULE 1103.

MIRU 08/31/95. SET CIBP @3500'. RUN COMP POROSITY NEUTRON LOG F/3499'-1500',
RUN CBL F/3499'-2700'. PERF F/3373'-2900'. ACDZ PERFS W/3300 GALS 16% ACID.
FRAC PERFS W/51500 GALS 50Q CO2 GEL AND 227,000 LBS 12/20 SD.
RIH W/2 3/8" TBG TO 3471', PKR @2814'.
WORK ON WELL COMPLETED ON 9/11/95.



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

SIGNATURE

Wendi Kingston

TITLE

TECH. ASSISTANT

DATE:

09/26/95

TYPE OR PRINT NAME

WENDI KINGSTON

TELEPHONE NO.

(915)687-7826

ORIGINAL SIGNED BY WENDI KINGSTON

APPROVED BY

DISTRICT SUPERVISOR

TITLE

DATE

OCT 20 1995

CONDITIONS OF APPROVAL, IF ANY:

BASIS FOR PRODUCTION FORECAST

Well Name: W. A. Ramsay (NCT-A) #13

Well Location: 660' FNL 1980' FEL
Sec 35, T21S, R36E

Field Name: Eumont

An OGCI Production Analyst 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-93

End of Historical Production Period: Jul-95

Type of Decline Rate & Projection Used : X Exponential Hyperbolic

Economic Limit Utilized: -Oil (BOPD): _____
 -Gas:(MCFPD) 7.76

Additional Comments:This image shows a single sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

Cum. Gas Production:	2214.46	MMscf
Remaining Recoverable Gas Reserves:	161.30	MMscf
Ultimate Recoverable Gas Reserves:	2375.75	MMscf

SCHEDULE 1

Start Date:	1996/04
End Date:	2006/04
Yearly Effective Decline (De):	0.123007

DATE	AVERAGE DAILY RATE Mscf	MONTHLY FORECAST PROD. MMscf	CUM. PROD. MMscf
1996/04	78.57	2.36	2216.81
1996/05	77.71	2.41	2219.22
1996/06	76.87	2.31	2221.53
1996/07	76.03	2.36	2223.88
1996/08	75.21	2.33	2226.22
1996/09	74.39	2.23	2228.45
1996/10	73.58	2.28	2230.73
1996/11	72.78	2.18	2232.91
1996/12	71.99	2.23	2235.14
1997/01	71.20	2.21	2237.35
1997/02	70.43	1.97	2239.32
1997/03	69.66	2.16	2241.48
1997/04	68.91	2.07	2243.55
1997/05	68.16	2.11	2245.66
1997/06	67.41	2.02	2247.68
1997/07	66.68	2.07	2249.75
1997/08	65.96	2.04	2251.80
1997/09	65.24	1.96	2253.75
1997/10	64.53	2.00	2255.75
1997/11	63.83	1.91	2257.67
1997/12	63.13	1.96	2259.63
1998/01	62.44	1.94	2261.56
1998/02	61.77	1.73	2263.29
1998/03	61.09	1.89	2265.18
1998/04	60.43	1.81	2267.00
1998/05	59.77	1.85	2268.85
1998/06	59.12	1.77	2270.62
1998/07	58.48	1.81	2272.44
1998/08	57.84	1.79	2274.23
1998/09	57.21	1.72	2275.95
1998/10	56.59	1.75	2277.70
1998/11	55.98	1.68	2279.38
1998/12	55.37	1.72	2281.10
1999/01	54.76	1.70	2282.79

DATE	AVERAGE DAILY RATE Mscf	MONTHLY FORECAST PROD. MMscf	CUM. PROD. MMscf
1999/02	54.17	1.52	2284.31
1999/03	53.58	1.66	2285.97
1999/04	53.00	1.59	2287.56
1999/05	52.42	1.63	2289.19
1999/06	51.85	1.56	2290.74
1999/07	51.29	1.59	2292.33
1999/08	50.73	1.57	2293.90
1999/09	50.18	1.51	2295.41
1999/10	49.63	1.54	2296.95
1999/11	49.09	1.47	2298.42
1999/12	48.56	1.51	2299.93
2000/01	48.03	1.49	2301.42
2000/02	47.50	1.38	2302.79
2000/03	46.99	1.46	2304.25
2000/04	46.48	1.39	2305.64
2000/05	45.97	1.43	2307.07
2000/06	45.47	1.36	2308.43
2000/07	44.98	1.39	2309.83
2000/08	44.49	1.38	2311.21
2000/09	44.00	1.32	2312.53
2000/10	43.53	1.35	2313.88
2000/11	43.05	1.29	2315.17
2000/12	42.58	1.32	2316.49
2001/01	42.12	1.31	2317.79
2001/02	41.66	1.17	2318.96
2001/03	41.21	1.28	2320.24
2001/04	40.76	1.22	2321.46
2001/05	40.32	1.25	2322.71
2001/06	39.88	1.20	2323.91
2001/07	39.44	1.22	2325.13
2001/08	39.02	1.21	2326.34
2001/09	38.59	1.16	2327.50
2001/10	38.17	1.18	2328.68
2001/11	37.76	1.13	2329.81
2001/12	37.35	1.16	2330.97
2002/01	36.94	1.15	2332.11
2002/02	36.54	1.02	2333.14
2002/03	36.14	1.12	2334.26
2002/04	35.75	1.07	2335.33
2002/05	35.36	1.10	2336.43
2002/06	34.97	1.05	2337.48
2002/07	34.59	1.07	2338.55
2002/08	34.22	1.06	2339.61
2002/09	33.84	1.02	2340.62
2002/10	33.48	1.04	2341.66
2002/11	33.11	0.99	2342.66
2002/12	32.75	1.02	2343.67
2003/01	32.40	1.00	2344.67
2003/02	32.04	0.90	2345.57
2003/03	31.69	0.98	2346.55
2003/04	31.35	0.94	2347.49
2003/05	31.01	0.96	2348.46

AVERAGE

MONTHLY

DAILY
RATE
MscfFORECAST
ROD.
MMscfCUM.
PROD.
MMscf

DATE

2003/06	30.67	0.92	2349.38
2003/07	30.34	0.94	2350.32
2003/08	30.01	0.93	2351.25
2003/09	29.68	0.89	2352.14
2003/10	29.36	0.91	2353.05
2003/11	29.04	0.87	2353.92
2003/12	28.72	0.89	2354.81
2004/01	28.41	0.88	2355.69
2004/02	28.10	0.81	2356.50
2004/03	27.80	0.86	2357.37
2004/04	27.49	0.82	2358.19
2004/05	27.19	0.84	2359.03
2004/06	26.90	0.81	2359.84
2004/07	26.61	0.82	2360.67
2004/08	26.32	0.82	2361.48
2004/09	26.03	0.78	2362.26
2004/10	25.75	0.80	2363.06
2004/11	25.47	0.76	2363.82
2004/12	25.19	0.78	2364.61
2005/01	24.92	0.77	2365.38
2005/02	24.64	0.69	2366.07
2005/03	24.38	0.76	2366.82
2005/04	24.11	0.72	2367.55
2005/05	23.85	0.74	2368.29
2005/06	23.59	0.71	2368.99
2005/07	23.33	0.72	2369.72
2005/08	23.08	0.72	2370.43
2005/09	22.83	0.68	2371.12
2005/10	22.58	0.70	2371.82
2005/11	22.33	0.67	2372.49
2005/12	22.09	0.68	2373.17
2006/01	21.85	0.68	2373.85
2006/02	21.61	0.61	2374.46
2006/03	21.38	0.66	2375.12
2006/04	21.15	0.63	2375.75