

DATE IN 11/3/06	SUSPENSE	ENGINEER W. JONES	LOGGED 11/3/06	TYPE DHC 3757A P TDS0630747395
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]
- [DD-Directional Drilling] [SD-Simultaneous Dedication]
- [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]
- [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]
- [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]
- [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]
- [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling
 NSL NSP DD SD

Check One Only for [B] and [C]

- [B] Commingling - Storage - Measurement
 DHC CTB PLC PC OLS OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
 WFX PMX SWD IPI EOR PPR

2006 NOV 3 PM 11 34

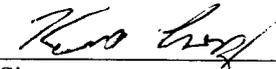
[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

- [A] Working, Royalty or Overriding Royalty Interest Owners
- [B] Offset Operators, Leaseholders or Surface Owner
- [C] Application is One Which Requires Published Legal Notice
- [D] Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
- [E] For all of the above, Proof of Notification or Publication is Attached, and/or,
- [F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Keith Lopez		Petro. Engineer	10/30/2006
Print or Type Name	Signature	Title	Date

District I
1625 N. French Drive, Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

District III
1000 Rio Brazos Road, Aztec, NM 87410

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107A
Revised June 10, 2003

Oil Conservation Division

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

APPLICATION TYPE

Single Well
 Establish Pre-Approved Pools
EXISTING WELLBORE
 Yes No

APPLICATION FOR DOWNHOLE COMMINGLING

Operator Chevron U.S.A. INC Address 15 Smith Road, Midland TX 79705 **DHC-382**
3757A

Lease HT Orcutt E Well No. #3 Unit Letter-Section-Township-Range E-2-20S-37E County United States

OGRID No. 4323 Property Code 22114 API No. 30-025-34209 Lease Type: Federal State Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Skaggs Glorieta NW ¹²	Monument Paddock	Weir Blinebry
Pool Code	97203	47080	63780
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5310'-5394'	5660'-5740'	5775'-5880'
Method of Production (Flowing or Artificial Lift)	Artificial Lift	Artificial Lift, Pending Approval	Artificial Lift, Pending Approval
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	1526 PSI, Build-Up Test on Orcutt E #4 (offset)	955 PSI, estimated from fluid levels on Orcutt E #3	1500 estimated from fluid levels on Orcutt E #4 (offset)
Oil Gravity or Gas BTU (Degree API or Gas BTU)	42.1°		39.8°
Producing, Shut-In or New Zone	Producing	Shut-In	Shut-In
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: 10/29/2006 Rates: 29 BOPD 0 MCFD	Date: Rates:	Date: 8/29/2006 Rates: 54 BOPD 150 MCFD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas To be determined and supplied to the OCD by subtraction method	Oil Gas To be determined and supplied to the OCD by subtraction method	Oil Gas To be determined and supplied to the OCD by subtraction method

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes No
 If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes No
 Are all produced fluids from all commingled zones compatible with each other? Yes No
 Will commingling decrease the value of production? Yes No
 If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands or the United States Bureau of Land Management been notified in writing of this application? Yes No

NMOCD Reference Case No. applicable to this well: _____

Attachments:

- C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
- Production curve for each zone for at least one year. (If not available, attach explanation.)
- For zones with no production history, estimated production rates and supporting data.
- Data to support allocation method or formula.
- Notification list of working, royalty and overriding royalty interests for uncommon interest cases.
- Any additional statements, data or documents required to support commingling.

PRE-APPROVED POOLS

If application is to establish Pre-Approved Pools, the following additional information will be required:

- List of other orders approving downhole commingling within the proposed Pre-Approved Pools
- List of all operators within the proposed Pre-Approved Pools
- Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.
- Bottomhole pressure data.

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

SIGNATURE Keith Lopez TITLE Petroleum Engineer DATE 10/30/2006

TYPE OR PRINT NAME Keith Lopez TELEPHONE NO. (432) 687-7120

E-MAIL ADDRESS lopk@chevron.com



Keith Lopez
Petroleum Engineer
Permian Basin

Mid-Continent Business Unit
Chevron U.S.A. Inc.
15 Smith Rd.
Midland, Texas 79705
Tel 432-687-7120
Fax 432-687-7871
lopk@chevron.com

October 30, 2006

State of New Mexico
Energy, Minerals, & Natural Resources Dept.
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Request to amend DHC on the HT Orcutt E #3 (DHC-3757)

Attn: Oil & Gas Regulatory Department

Chevron U.S.A respectfully requests administrative approval to amend the Downhole Commingle Permit (DHC-3757) to include the Monument; Paddock pool in the HT Orcutt E #3, API #30-025-34209. The #3 is located 1650' FNL 330' FWL, Unit E, Section 2, T-20S, R-37E, Lea County, NM.

The original DHC permit for the HT Orcutt E #3 was approved for the Skaggs Glorieta NW and the Weir Blinebry on August 7, 2006. During this completion, an additional zone in the Paddock was tested and found to be productive. This zone only swabbed at a 2% oil cut and though it will add to the production stream, it is believed to be marginal. This zone was not in the original permit so it is currently shut-in while we test the Glorieta zone. Chevron requests approval to DHC the Glorieta, Paddock, and Blinebry zones in the wellbore. Upon DHC, the known production from the Glorieta and Blinebry zones will be subtracted from the total production stream and supplied to the OCD for allocation percentages.

Attached in support of this request is a table showing production volumes for each of the pools proposed for commingling. Also, included is a proposed well schematic diagram for the HT Orcutt E #3, well tests, C107A, a C102 for each zone, and a lease plat. As can be seen on the table, the value of the production will not be significantly impacted by the proposed action.

Chevron is the operator of these wells with 100% working interest, and the Royalty Interest Owners are the same on each lease. The HT Orcutt E facility will test monthly for allocation of production to the well.

If you have any questions concerning this application, please contact Keith Lopez at (432)-687-7120 or by email at LOPK@CHEVRON.COM.

Sincerely,

A handwritten signature in cursive script that reads "Keith Lopez".

Keith Lopez
Petroleum Engineer

Attachments

**cc: NMOCD District 1 – Hobbs, NM
Keith Lopez
Well File
Nathan Mouser
Vicki Duncan/Denise Pinkerton**

**REQUEST FOR EXCEPTION TO RULE 303-A
FOR WELLS LOCATED IN PRE-APPROVED POOLS OR AREAS**

Operator

Chevron U.S.A., Inc.
15 Smith Road
Midland, TX 79705

Lease Name and Well Number

HT Orcutt E #3
1650' FNL & 330' FWL, Unit Letter E
Section 2, T20S, R37E
Lea County, New Mexico

Division Order

Pre-approved pools or area established by Division Order No. R-11363.

Pools To Be Commingled In Orcutt E #3

(97203) Skaggs; Glorieta, NW
(47080) Monument Paddock
(63780) Weir Blinebry

Perforated Intervals

Skaggs; Glorieta NW (5310'-5394") (Wellbore diagrams attached)
Monument Paddock (5660'-5740')
Weir Blinebry (5775'-5880')

Location Plat

Attached

Well Test Report & Production Plots

Attached.

Product Characteristics And Value

Analysis of the produced fluids by Chevron shows that the fluids are compatible and commingling will not cause formation damage or producing problems. Also, the price received by Chevron for products from these zones is very similar, so value will not be adversely affected.

Production Allocation

<u>Pool</u>	<u>BOPD</u>	<u>BWPD</u>	<u>MCFPD</u>	<u>Estimation Method</u>
Skaggs; Glorieta NW	29		0	Orcutt E #3 Well Test 10/29/06
Monument Paddock	Production to be determined by subtraction when DHC'd			
Weir Blinebry	54		150	Orcutt E #3 Well Test 8/29/06
Totals	83		150	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Skaggs; Glorieta NW	Will be calculated using 2 tested zones and subtracted from DHC test			
Monument Paddock	Will be calculated using 2 tested zones and subtracted from DHC test			
Weir Blinebry	Will be <u>calculated using 2 tested zones</u> and subtracted from DHC test			
Totals				

Ownership

Ownership of all zones is identical so correlative rights will not be compromised.

State / Federal Land Notification

Well is on a state lease.

District I
1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised March 17, 1999

District II
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

District III
1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco
Santa Fe, NM 87505

AMENDED REPORT

District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34209	² Pool Code 97203	³ Pool Name Skaggs Glorieta NW
⁴ Property Code 22114	⁵ Property Name HT Orcutt E	⁶ Well Number 3
⁷ OGRID No. 4323	⁸ Operator Name Chevron Corporation	⁹ Elevation 3600'

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	20S	37E		1650'	North	330'	West	Lea

¹¹ Bottom Hole Location If Different From Surface

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

¹² Dedicated Acres 40	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<p>2</p> <p>1650'</p> <p>330'</p> <p>40-acre proration unit</p>	<p align="center">OPERATOR CERTIFICATION</p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p align="right"><i>Keith Lopez</i></p> <hr/> <p>Signature</p> <p align="center">Keith Lopez</p> <hr/> <p>Printed Name</p> <p align="center">Petr. Engineer</p> <hr/> <p>Title</p> <p align="center">July 27, 2006</p>
	<p align="center">2</p>
	<p>¹⁸</p> <p align="center">SURVEYOR CERTIFICATION</p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> <p>Signature and Seal of Professional Surveyor:</p>
	Certificate Number

District I
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Energy, Minerals & Natural Resources Department

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Santa Fe, NM 87505

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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34209	² Pool Code 47080	³ Pool Name Monument Paddock
⁴ Property Code 22114	⁵ Property Name HT Orcutt E	⁶ Well Number 3
⁷ OGRID No. 4323	⁸ Operator Name Chevron Corporation	⁹ Elevation 3600'

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	20S	37E		1650'	North	330'	West	Lea

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Santa Fe, NM 87505

AMENDED REPORT

District IV
2040 South Pacheco, Santa Fe, NM 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-34209	² Pool Code 63780	³ Pool Name Weir Blineby
⁴ Property Code 22114	⁵ Property Name HT Orcutt E	
⁷ OGRID No. 4323	⁸ Operator Name Chevron Corporation	⁶ Well Number 3
⁹ Elevation 3600'		

¹⁰ Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	20S	37E		1650'	North	330'	West	Lea

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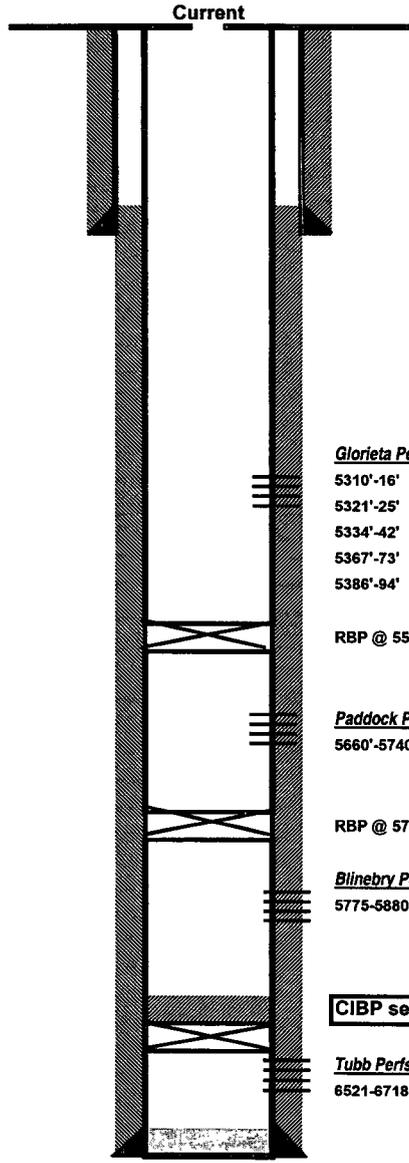
PROPOSED WELL DATA SHEET

Field: Skaggs Glorieta NW **Well Name:** H. T. Orcutt (NCT-E) #3 **Lease Type:** State
Location: 1650' FNL & 330' FWL **Sec:** 2-E **Township:** 20S **Range:** 37E
County: Lea **State:** New Mexico **Refno:** BP7270 **API:** 30-025-34209 **Cost Center:** UCL271200
Current Status: PR
Current Producing Formation(s): Glorieta
Initial Producing Formation(s): Tubb

167 Surface Csg.
 335 **Size:** 8 5/8"
 502 **Wt.:** 24#
 670 **Set @:** 1470'
 837 **Sxs cmt:** 450
 1005 **Circ:** Yes
 1172 **TOC:** Surface
 1340 **Hole Size:** 11"
 1507
 1674
 1842 Production Csg.
 2009 **Size:** 5 1/2"
 2177 **Wt.:** 15.5#
 2344 **Set @:** 7208'
 2512 **Sxs Cmt:** 1020
 2679 **Circ:** No
 2847 **TOC:** 1200'
 3014 **Hole Size:** 7 7/8"
 3181
 3349
 3516
 3684
 3851
 4019
 4186
 4353

4521	Top Salt	1483'
4688	Base Salt	2550'
4856	Top Yates	2676'
5023	Top 7 Rivers	2958'
5191	Top Queen	3515'
5358	Top Grayburg	3781'
5526	Top San Andres	4173'
5693	Top Glorieta	5294'
5860	Top Paddock	5376'
6028	Top Blinebry	5663'
6195	Top Tubb	6400'
6363	Top Abo	7440'

 6530
 6698
 6865
 7033 **PBTD:** 6440'
 7208 **TD:** 7208'



KB: _____
 DF: _____
 GL: 3600'
 Spud Date: 5/26/1998
 Released Rig: 6/7/1998
 Compl. Date: 7/14/1998

Remarks: See the well history attached

Prepared by: K M Jackson
Date: 1/12/2004

Updated By: LOPK
Date: 10/25/06

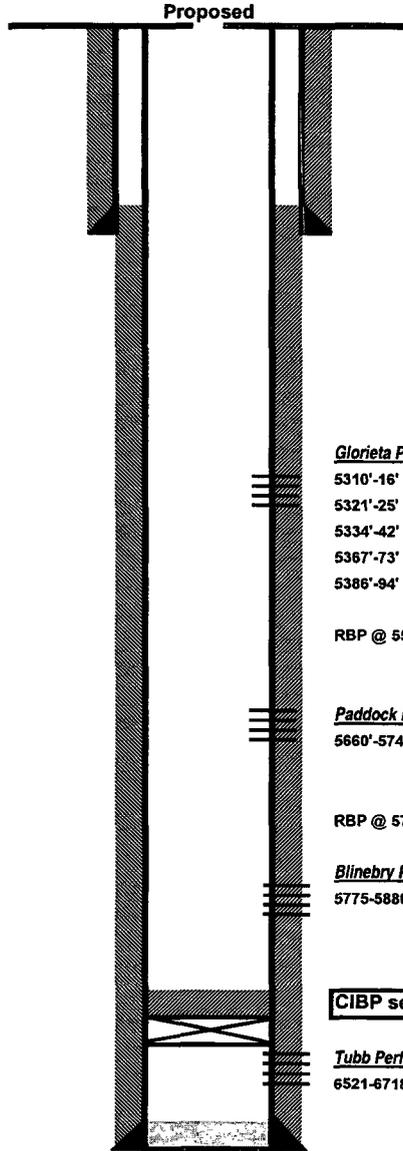
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KB: _____
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 Spud Date: 5/26/1998
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Glorieta Perfs
 5310'-16' Open
 5321'-25' Open
 5334'-42' Open
 5367'-73' Open
 5386'-94' Open

RBP @ 5500'

Paddock Perfs
 5660'-5740' - open

RBP @ 5760'

Blinebry Perfs
 5775'-5880' - open

CIBP set @ 6475 w/35' cmt on top

Tubb Perfs
 6521'-6718' - below CIBP

Remarks: See the well history attached

Prepared by: K M Jackson
Date: 1/12/2004

Updated By: LOPK
Date: 10/25/06

WELL TEST REPORT

Lease: **ORCUTT, H. T. NCT-E**

Field: **WEIR**

Reservoir: **BLINEBRY**

Well: **3B**

Field Code: **L27**

Resv Code: **0000004532**

Unique Code: **UCL271200**

Battery: **ORCUTT E FAC**

Wellbore: **101903**

API No: **300253420900**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fid Lvl Date	BTFPD
8/29/06	54	48	150		2778	52.9	02	PR		5113	5/8/05	102
7/10/06	56	50	131		2339	52.8	02	PR		5113	5/8/05	106
6/9/06	60	52	139		2317	53.6	02	PR		5113	5/8/05	112
5/22/06	63	55	143		2270	53.4	02	PR		5113	5/8/05	118
4/16/06	53	58	116		2189	47.7	02	PR		5113	5/8/05	111
3/19/06	59	69	122		2061	46.1	02	PR		5113	5/8/05	128
2/10/06	55	57	125		2264	49.1	02	PR		5113	5/8/05	112
12/27/05	53	54	146		2756	49.5	02	PR		5113	5/8/05	107
11/27/05	45	44	42		937	50.6	02	PR		5113	5/8/05	89
10/11/05	68	17	115		1687	80.0	02	PR		5113	5/8/05	85
9/5/05	70	60	185		2647	53.8	02	PR		5113	5/8/05	130
8/9/05	67	58	168		2502	53.6	02	PR		5113	5/8/05	125
7/25/05	70	62	180		2577	53.0	02	PR		5993	5/8/05	132
6/26/05	70	62	182		2605	53.0	02	PR		5993	5/8/05	132
5/21/05	83	63	218		2622	56.8	02	PR		5993	5/8/05	146
5/9/05	73	64	212		2901	53.3	02	PR		5993	5/8/05	137
4/15/05	88	74	233		2651	54.3	02	PR		5979	10/15/04	162
2/6/05	78	90	281		3607	46.4	02	PR		5979	10/15/04	168
1/16/05	65	117	307		4721	35.7	02	PR		5979	10/15/04	182
12/5/04	60	85	294		4902	41.4	02	PR		5979	10/15/04	145
11/11/04	112	86	314		2801	56.6	02	PR		5979	10/15/04	198
11/11/04	112	86	314		2801	56.6	02	PR		5979	10/15/04	198
10/17/04	117	88	324		2765	57.1	02	PR		5979	10/15/04	205

Rate/Time Graph

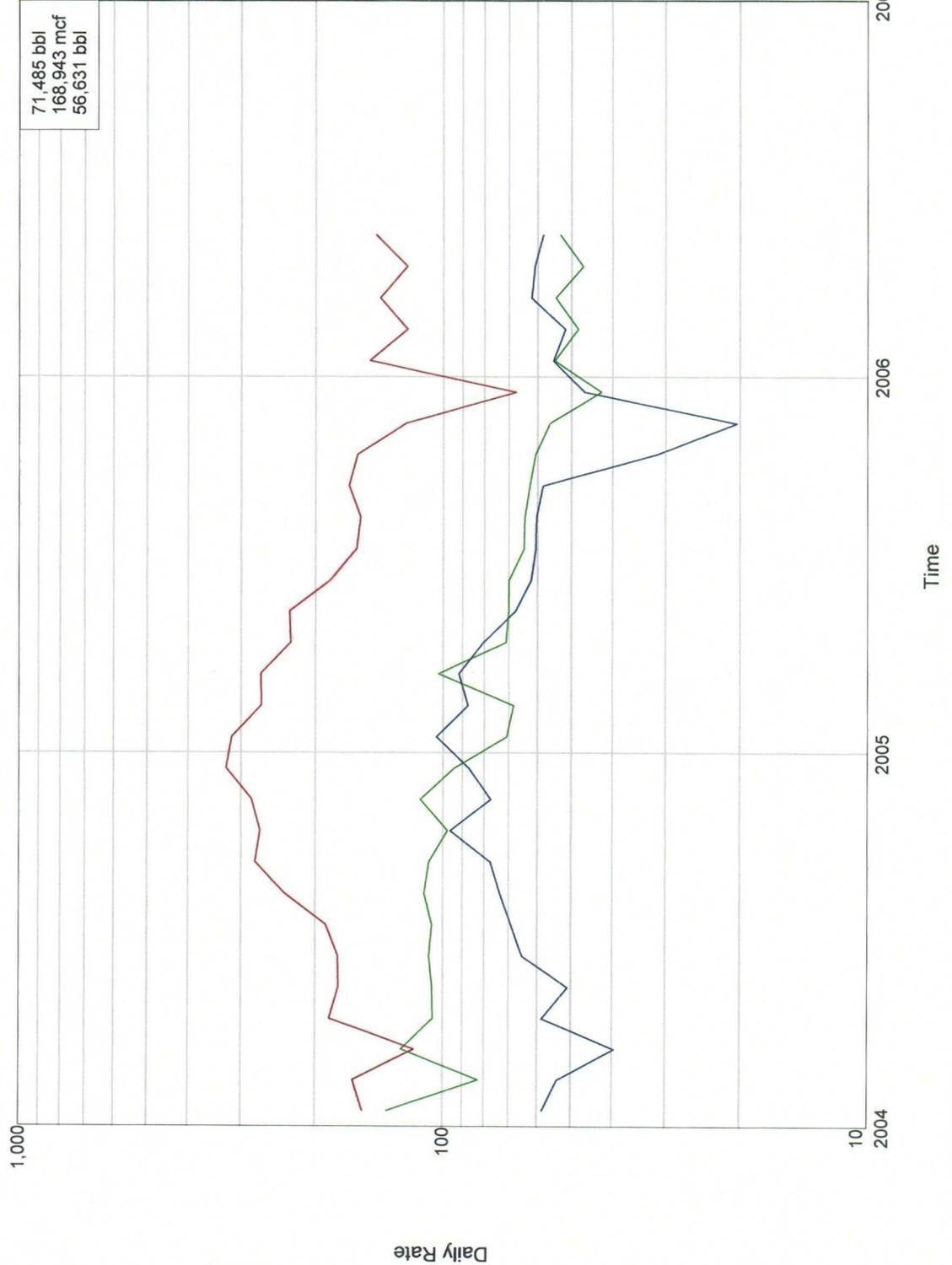
Lease Name: H T ORCUTT NCT E (3)
 County, ST: LEA, NM
 Location: 2E 20S 37E NW SW NW

Project: P:\PowerTools v8.0\project1.mdb

Operator: CHEVRON U S A INCORPORATED
 Field Name: WEIR

Date: 10/30/2006
 Time: 4:38 PM

H T ORCUTT NCT E - WEIR H T ORCUTT NCT E (3) 3 WEIR BLINEBRY



Economic Limit: 12/2106
 Economic Life: 1200 mo
 Future Net Revenue: -\$1,400
 Present Worth: -\$1,389
 Rate of Return: n/a %
 Return on Invest: 0.00
 Payout Date: 01/2107

Oil at Effective Date: 0 bbl
 Oil at Economic Limit: 0 bbl
 Rem Oil (Decline): 0 bbl
 Ult Oil (Decline): 71,485 bbl
 Oil Decline at Eff Date: 0.00 %
 Cum Oil at Eff Date: 71,485 bbl

Gas at Effective Date: 0 mcf
 Gas at Economic Limit: 0 mcf
 Rem Gas (Decline): 0 mcf
 Ult Gas (Decline): 168,943 mcf
 Gas Decline at Eff Date: 0.00 %
 Cum Gas at Eff Date: 168,943 mcf

Water at Effective Date: 0 bbl
 Water at Economic Limit: 0 bbl
 Rem Water (Decline): 0 bbl
 Ult Water (Decline): 56,631 bbl
 Water Decline at Eff Date: 0.00 %
 Cum Water at Eff Date: 56,631 bbl

Inj at Effective Date: 0 bbl
 Inj at Economic Limit: 0 bbl
 Rem Inj (Decline): 0 bbl
 Ult Inj (Decline): 0 bbl
 Inj Decline at Eff Date: 0.00 %
 Cum Inj at Eff Date: 0 bbl