

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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]

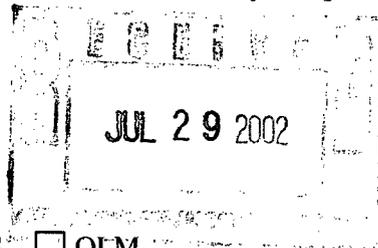
- [A] Location - Spacing Unit - Simultaneous Dedication
 NSL NSP SD

Check One Only for [B] or [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

- [D] Other: Specify _____



[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] **SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.**

[4] **CERTIFICATION:** I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

CAROLYN L. HAYNIE
 Print or Type Name

Signature

Carolyn Haynie

PE TECHNICAL ASSISTANT
 Title

07-24-2002
 Date

CarolynHaynie@ChevronTexaco.com
 e-mail Address

Chevron U.S.A. Production Company
Carolyn J. Haynie
Technical Assistant
Eunice Waterflood
15 Smith Road
Midland, TX 79705

ChevronTexaco

July 24, 2002

Request for Exception to Rule 303-A
Downhole Commingling
Monument, Tubb; Monument, Drinkard;
& Monument, Abo
Baxter Culp 31 # 5
Section 31, T19S, R37E
Lea County, New Mexico

State of New Mexico
Energy, Minerals & Natural Resources Dept.
Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attention: Ms. Lori Wrotenbery, Director

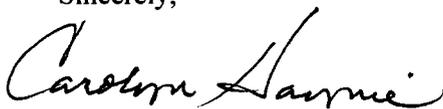
Dear Ms. Wrotenbery:

ChevronTexaco, Exploration & Production Company, formerly Chevron U.S.A. Production Company, respectfully requests administrative approval for an exception to Rule 303-A to permit Downhole commingling of the Monument, Tubb; Monument, Drinkard; & Monument, Abo zones, in the Baxter Culp 31 # 5.

Currently, the Baxter Culp 31 # 5 is producing in the Monument, Tubb. The Drinkard zone is shut-in and is isolated with a CIBP. ChevronTexaco, is the operator of these wells with a 100% ownership. Commingling will not reduce the actual commercial value of gas or oil sold from the Baxter Culp 31 # 5. Permission to commingle the well would substantially lower operating costs to ChevronTexaco and will extend the economic life of the well.

If you have any questions or need additional information, please contact me at 915-687-7384.

Sincerely,



Carolyn Haynie
New Mexico Waterflood
Petroleum Engineering Technical Assistant

Attachments

Cc: NMOCD – Hobbs, NM
Central Files – Lease & Well Files

Nathan Mouser
Mike Howell
Kent Coggan
Reggie Holzer

Submit 3 Copies To Appropriate District
 Office
 District I
 1625 N. French Dr., Hobbs, NM 88240
 District II
 1301 W. Grand Avenue, Artesia, NM 88210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources

Form C-103
 Revised March 25, 1999

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

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.)		WELL API NO. 30-025-35692
1. Type of Well: Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <small>(DHC, MONUMENT, TUBB, MONUMENT, DRINKARD, MONUMENT, ABO)</small>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
2. Name of Operator CHEVRON U.S.A. INC.		6. State Oil & Gas Lease No. 28827
3. Address of Operator 15 SMITH ROAD, MIDLAND, TX 79705		7. Lease Name or Unit Agreement Name: BAXTER CULP 31
4. Well Location Unit Letter <u>P</u> : <u>330'</u> feet from the <u>SOUTH</u> line and <u>330'</u> feet from the <u>EAST</u> line Section <u>31</u> Township <u>19S</u> Range <u>37E</u> NMPM County <u>LEA</u>		8. Well No. 5
10. Elevation (Show whether DR, RKB, RT, GR, etc.) 3560' GR		9. Pool name or Wildcat <small>MONUMENT, TUBB / MONUMENT, DRINKARD / MONUMENT, ABO</small>

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: <small>(DHC, MONUMENT, TUBB; MONUMENT, DRINKARD; MONUMENT, ABO)</small> <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

UNDER THE PROVISIONS OF RULE 303 C (5), IT IS PROPOSED TO DOWNHOLE COMMINGLE PRE-APPROVED POOLS, MONUMENT, TUBB (PERFS 6334' - 6584'); MONUMENT, DRINKARD, (PERFS 6802' - 6942'); AND MONUMENT, ABO (PERFS 7280' - 7379'), IN THE CAPTIONED WELL. CURRENTLY THE WELL IS PRODUCING MARGINAL RATES FROM THE TUBB. IT IS PROPOSED TO DHC WITH THE PREVIOUSLY TESTED DRINKARD INTERVALS, (PERFS 3802' - 6942'), AND ABO INTERVALS, (PERFS 7280' - 7379'), TO RECOVER THE REMAINING RESERVES FROM THOSE RESERVOIRS. WORK WILL INVOLVE REMOVING A PLUG CURRENTLY COVERING THOSE INTERVALS. PRODUCTION WILL BE ALLOCATED BACK TO THE THREE POOLS BASED ON THE PERCENTAGES SHOWN IN THE ATTACHED SUPPORT DATA.

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

SIGNATURE Carolyn Haynie TITLE PE TECHNICAL ASSISTANT DATE 7/23/02

Type or print name CAROLYN HAYNIE Telephone No. (915) 687-7384
 (This space for State use)

APPROVED BY _____ TITLE _____ DATE _____
 Conditions of approval, if any:

**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

Baxter Culp 31 # 5
330' FSL & 330' FEL, Unit Letter P
Section 31, T19S, R37E
Lea County, New Mexico

Division Order

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

Pools To Be Commingled In Baxter Culp 31# 5

(47090) Monument; Tubb
(97060) Monument; Drinkard
(46970) Monument; Abo

Perforated Intervals

Monument; Tubb (6334' - 6584') (Wellbore diagrams attached)
Monument; Drinkard (6802' - 6942')
Monument; Abo (7284' - 7379')

Location Plat

Attached

Well Test Report & Production Plots

Attached.

Product Characteristics And Value

Previous commingling of these zones by Chevron and other operators in the area have shown that the produced 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>
Monument; Tubb	14	38	13	Well Test Report 6/2002
Monument; DRK	7.2	28.8	15	Calculated from Swab Test, 2/20/2002
Monument; Abo	54	306	608	Calculated from Swab Test, 2/18/2002
Totals	75.2	372.8	636	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Monument; Tubb	18.62	10.19	2.04	Calculated using above production volumes.
Monument; DRK	9.57	7.73	2.36	Calculated using above production volumes.
Monument; Abo	71.81	82.08	95.60	Calculated using above production volumes.
Totals	100.00	100.00	100.00	

Ownership

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

State / Federal Land Notification

Well is on a fee lease.

Well: **Baxter Culp 31 #5**

Field: **Monument**

Reservoir: **Tubb**

Location:
 330' FSL & 330' FEL
 Section: 31 (SE/4 SE/4)
 Township: 19S
 Range: 37E Lot: P
 County: Lea State: NM

Elevations:
 GL: 3560'
 KB: 3575'
 DF: 3574'

Estimated Formation Tops

Rustler	1069'
Top Salt	1170'
Base Salt	2364'
Yates	2449'
Seven Rivers	2705'
Queen	3190'
Grayburg	3514'
San Andres	4043'
Glorietta	5167'
Blinebry	5621'
Tubb	6311'
Drinkard	6634'
Abo	6909'

TUBING DETAIL - 5/02/02
 201 jts - 2-7/8" J-55 8rd tbg
 5-1/2" x 2-7/8" TAC
 11 2-7/8" J-55 8rd tbg
 1 2-7/8" SN
 Pump Intake @ 6594
 2-7/8" Perf Sub
 2-7/8" BPMA
 EOT landed @ 6630'

Rod Detail:
 1-1/2" Polish Rod w/SHSM
 1" KD Pony Rods w/SHSM
 96 1" KD Rods w/SHSM
 95 7/8" KD Rods
 45 3/4" KD Rods
 24 1-1/2" Flexbars 'K' w/guide
 2-1/2" x 1-3/4" Insert pump
 Pump: 25-175-RHBC 20-4-.5-.5 No. MGEN
 Barrel: BRNAX w/+.001 FIT
 Plunger 51" AXMP w/-.0008 FIT

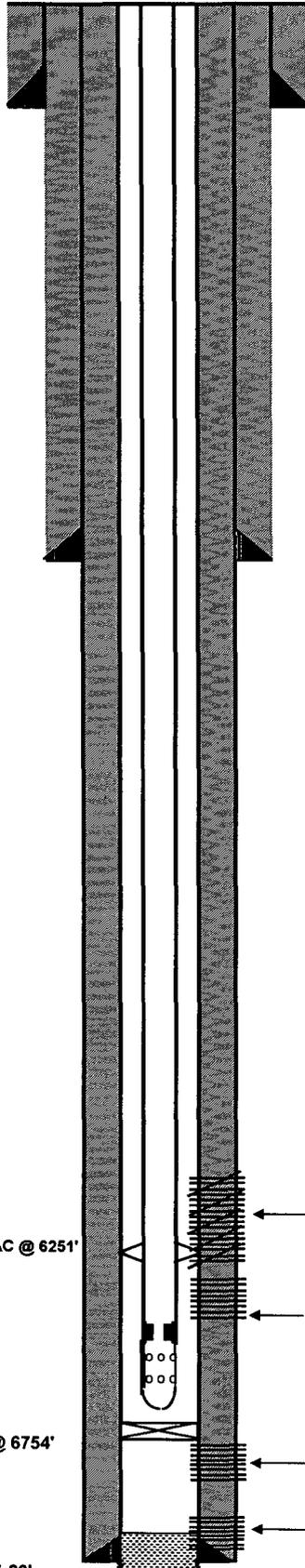
SN @ 6594'
 EOT @ 6630'

CIBP set @ 6754'

COTD: 6754'
 PBTD: 6754'
 TD: 7420'

OH interval from 7415-20'

Current Wellbore Diagram



By: K.M. Jackson

Well ID Info:
 Chevno: HE6550
 API No: 30-025-35692
 L5/L6:
 Spud Date: 11/24/01
 Rig Released: 12/11/01
 Compl. Date: 3/22/02

Surface Csg: 11 3/4", 42#, H-40 STC
 Set: @ 430' w/ 350 sx cmt
 Hole Size: 14 3/4" to 430'
 Circ: Yes TOC: Surface
 TOC By: Circulation (115 sx cmt)

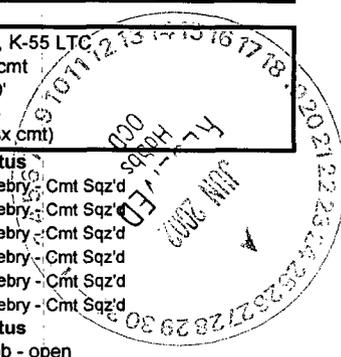
Initial Completion:
 3/22/02: Perf f/ 6932-7379' (in 5 runs). Perf f/ 6802-6883' w/4 JHPF (in 3 runs). Acdz perms f/ 6802-7379' w/5,000 gal anti-sludge 20% HCL. Set CIBP @ 6754'.
 Perf f/ 6492-6584' w/4 JHPF. Acdz perms f/ 6492-6584' w/2,200 gal anti-sludge 15% HCL. Frac @ 6259' w/68,500 gal 50-70 Q carbo foam/30, 8,000# 100 mesh white sd, & 185,500# 16/30 mesh/white sd.
 Set RBP @ 6400'. Perf f/ 6053-6316' w/4 JHPF (in 4 runs). Perf f/ 5660-6032' w/4 JHPF. Acdz perms f/ 5660-6316' w/7,000 gal anti-sludge 15% HCL. RIH w/P&R.

Subsequent Workovers/Reconditionings/Repairs:
 4-25-02: In stages, Cmt Sqz Blinebry Perfs, 5660' - 6316', DO and Press. tst intervals w/500'PSI.
 5-1-02: DO CICR @ 6091' & cmt to 6320'. RIH tag sd @ 6385'. Rls RBP @ 6400'. RIH w/ 3 1/8" slick guns w/ 4 JSPF, 120 Deg ph. Perf 5-1/2" csg @ 6334'-38, 6343-47', 6379'-84' 6400'-04, 6454'-58' tto 21' & 84 holes, all shots fired. Run Tbg., set TAC @ 6251. RIH w/ Rods. Press tst to 600 PSI. TOTP.

Intermediate Csg: 8 5/8", 24#, K-55 STC
 Set: @ 2568' w/ 900 sx Class C cmt
 Hole Size: 11" to 2569'
 Circ: Yes TOC: surface
 TOC By: Circulation (185 sx cmt)

Prod. Csg: 5 1/2", 15.5#, K-55 LTC
 Set: @ 7415' w/ 1350 sx cmt
 Hole Size: 7 7/8" to 7420'
 Circ: Yes TOC: surface
 TOC By: Circulation (87 sx cmt)

Perfs	Status
5660-62', 5676-80', 5726-30', 5843-51', 5860-63', 5876-81', 5970-80', 6030-32', 6053-60', 6065-70', 6198-6200', 6230-34', 6298-6302', 6312-16'	Blinebry - Cmt Sqz'd Blinebry - Cmt Sqz'd
6334-38', 6343-47' (5-3-02) 3679-84', 6400-04' (5-3-02) 6454-58' (5-3-02) 6552-56', 6580-84'	Tubb - open Tubb - open Tubb - open Tubb - open
6802-07', 6814-17', 6832-36', 6843-56', 6878-83', 6932-42'	Drinkard - Below CIBP Drinkard - Below CIBP
7280-84', 7288-92', 7328-30', 7342-45', 7360-63', 7376-79'	Abo - Below CIBP Abo - Below CIBP



Well: **Baxter Culp 31 #5**

Field: **Monument**

Reservoir: **Tubb, Drinkard, & Abo (D)**

Location:
 330' FSL & 330' FEL
 Section: 31 (SE/4 SE/4)
 Township: 19S
 Range: 37E Lot: P
 County: Lea State: NM

Elevations:
 GL: 3560'
 KB: 3575'
 DF: 3574'

Estimated Formation Tops	
Rustler	1069'
Top Salt	1170'
Base Salt	2364'
Yates	2449'
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San Andres	4043'
Glorietta	5167'
Blinebry	5621'
Tubb	6311'
Drinkard	6634'
Abo	6909'

TUBING DETAIL -Proposed
 202 jts - 2-7/8" J-55 8rd tbg
 5-1/2" x 2-7/8" TAC @ 6251'
 35 2-7/8" J-55 8rd tbg
 1 2-7/8" SN @ 7340'
 Pump Intake @ 6594
 2-7/8" Perf Sub
 2-7/8" BPMA
 EOT landed @ 7375'

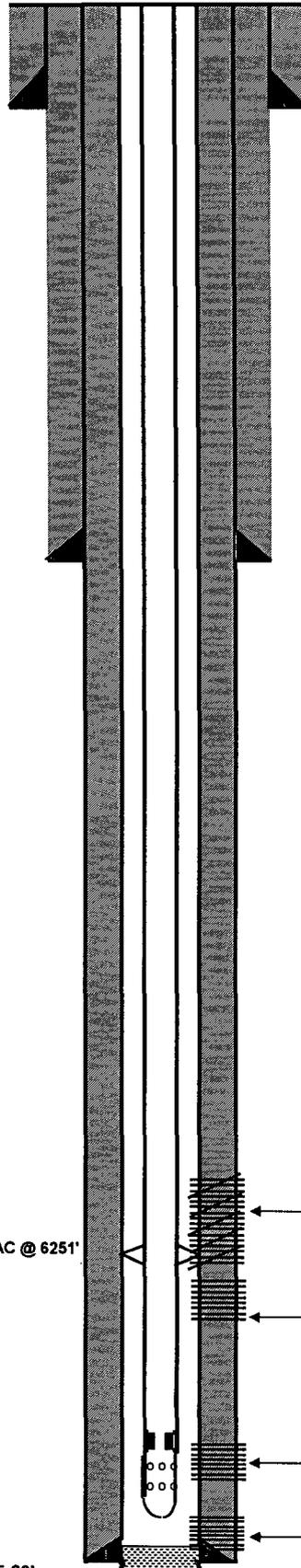
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 1-1/2" Polish Rod w/SHSM
 1" KD Pony Rods w/SHSM
 96 1" KD Rods w/SHSM
 95 7/8" KD Rods
 45 3/4" KD Rods
 24 1-1/2" Flexbars 'K' w/guide
 2-1/2" x 1-3/4" Insert pump
 Pump: 25-175-RHBC 20-4-.5-.5 No.
 MGEN
 Barrel: BRNYAX w/ +.001 FIT
 Plunger 51" AXMP w/-.0008 FIT

SN @ 7340'
 EOT @ 7375'

COTD: 7400'
 PBTD: 7400'
 TD: 7420'

OH interval from 7415-20'

Proposed Wellbore Diagram



Well ID Info:
 Chevno: HE6550
 API No: 30-025-35692
 L5/L6:
 Spud Date: 11/24/01
 Rig Released: 12/11/01
 Compl. Date: 3/22/02

Surface Csg: 11 3/4", 42#, H-40 STC
Set: @ 430' w/ 350 sx cmt
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TOC By: Circulation (115 sx cmt)

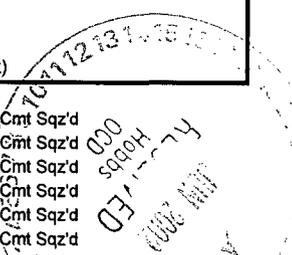
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 Perf f/ 6492-6584' w/4 JHPF. Acdz perfs f/ 6492-6584' w/2,200 gal anti-sludge 15% HCL. Frac @ 6259' w/68,500 gal 50-70 Q carbo foam 30, 8,000# 100 mesh white sd, & 185,500# 16/30 mesh white sd.
 Set RBP @ 6400'. Perf f/ 6053-6316' w/4 JHPF (in 4 runs). Perf f/ 5660-6032' w/4 JHPF. Acdz perfs f/ 5660-6316' w/7,000 gal anti-sludge 15% HCL. RIH w/P&R.

Subsequent Workovers/Reconditionings/Repairs:
 4-25-02: In stages, Cmt Sqz Blinebry Perfs, 5660' - 6316', DO and Press. tst intervals w/500 PSI.
 5-1-02: DO CICR @ 6091' & cmt to 6320'. RIH tag sd @ 6385'. Rls RBP @ 6400'. RIH w/ 3 1/8" slick guns w/ 4 JSPF, 120 Deg ph. Perf 5-1/2" csg @ 6334'-38, 6343-47', 6379'-84' 6400'-04, 6454'-58' tto 21' & 84 holes, all shots fired.
 Run Tbg., set TAC @ 6251'. RIH w/ Rods. Press tst to 600 PSI. TOTP.

Intermediate Csg: 8 5/8", 24#, K-55 STC
Set: @ 2568' w/ 900 sx Class C cmt
Hole Size: 11" to 2569'
Circ: Yes TOC: surface
TOC By: Circulation (185 sx cmt)

Prod. Csg: 5 1/2", 15.5#, K-55 LTC
Set: @ 7415' w/ 1350 sx cmt
Hole Size: 7 7/8" to 7420'
Circ: Yes TOC: surface
TOC By: Circulation (87 sx cmt)

Perfs	Status
5660-62', 5676-80', 5726-30', 5843-51', 5860-63', 5876-81', 5970-80', 6030-32', 6053-60', 6065-70', 6198-6200', 6230-34', 6298-6302', 6312-16'	Blinebry - Cmt Sqz'd Blinebry - Cmt Sqz'd
Perfs	Status
6334-38', 6343-47' (5-3-02) 3679-84', 6400-04' (5-3-02) 6454-58' (5-3-02) 6552-56', 6580-84'	Tubb - open Tubb - open Tubb - open Tubb - open
Perfs	Status
6802-07', 6814-17', 6832-36', 6843-56', 6878-83', 6932-42', 7280-84', 7288-92', 7328-30', 7342-45', 7360-63', 7378-79'	Drinkard - open Drinkard - open Abo - open Abo - open



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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-35692	² Pool Code 97060	³ Pool Name Monument, Drinkard
⁴ Property Code 28827	⁵ Property Name Baxter Culp 31	⁶ Well Number 5
⁷ OGRID No. 4323	⁸ Operator Name Chevron U.S.A. Production Company	⁹ Elevation 3560'

¹⁰ Surface Location

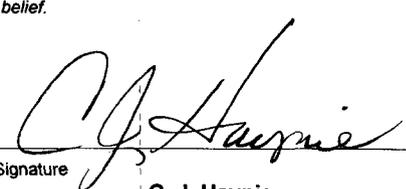
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	19S	37E		330	South	330	East	Lea

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

16					<p align="center">1</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"></p> <p>Signature _____</p> <p align="right">C. J. Haynie</p> <p>Printed Name _____</p> <p align="right">New Mexico Technical Assistant</p> <p>Title _____</p> <p align="right">July 23, 2002</p>
			30		
				40 acres	<div style="border: 1px solid black; padding: 2px;">40-acre proration unit</div>

330'

3
3
0

Certificate Number

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

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

2040 South Pacheco
Santa Fe, NM 87505

State Lease - 4 Copies
Fee Lease - 3 Copies

District IV
2040 South Pacheco, Santa Fe, NM 87505

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-35692	² Pool Code 47090	³ Pool Name Monument, Tubb
⁴ Property Code 28827	⁵ Property Name Baxter Culp 31	⁶ Well Number 5
⁷ OGRID No. 4323	⁸ Operator Name Chevron U.S.A. Production Company	⁹ Elevation 3560'

¹⁰ Surface Location

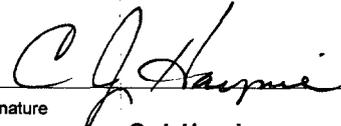
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	19S	37E		330	South	330	East	Lea

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 80	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
-------------------------------------	-------------------------------	----------------------------------	-------------------------

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

16										1 OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature C. J. Haynie Printed Name New Mexico Technical Assistant Title July 23, 2002
							40 acres			1 SURVEYOR CERTIFICATION <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> Signature and Seal of Professional Surveyor:
							40 acres			

30

80-acre proration unit

330'



Certificate Number

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

District II
811 South First, Artesia, NM 88210

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

District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, NM 87505

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-35692		² Pool Code 46970		³ Pool Name Monument, Abo	
⁴ Property Code 28827		⁵ Property Name Baxter Culp 31			⁶ Well Number 5
⁷ OGRID No. 4323		⁸ Operator Name Chevron U.S.A. Production Company			⁹ Elevation 3560'

¹⁰ Surface Location

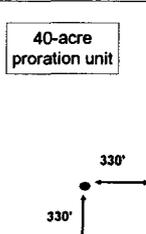
UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	19S	37E		330	South	330	East	Lea

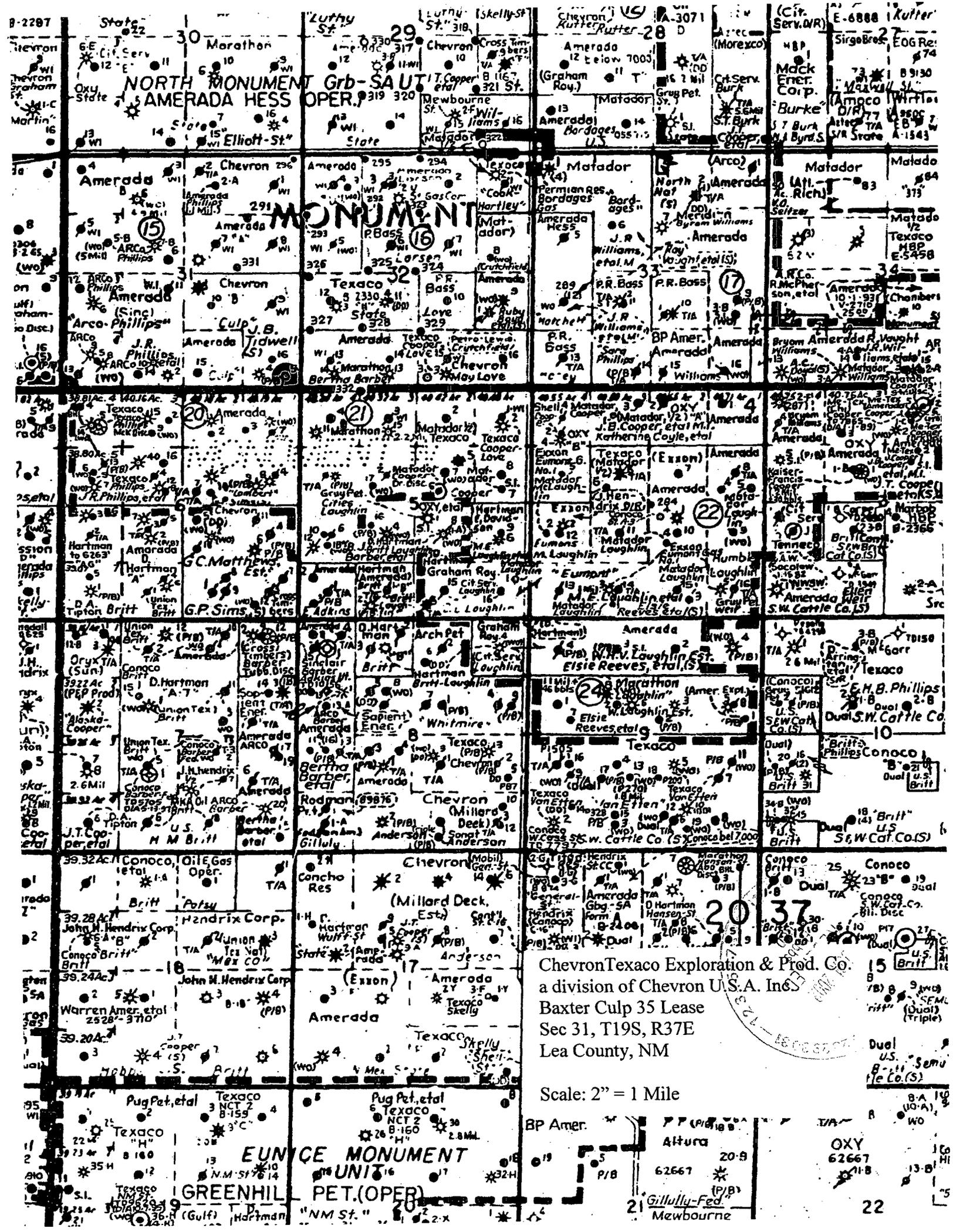
¹¹ Bottom Hole Location If Different From Surface

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

16					<p>1</p> <p>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>Signature C. J. Haynie</p> <p>Printed Name New Mexico Technical Assistant</p> <p>Title July 23, 2002</p>
					<p>1</p> <p>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>
					<p>40-acre proration unit</p>  <p>330'</p> <p>330'</p>
					<p>Certificate Number</p>



ChevronTexaco Exploration & Prod. Co.
 a division of Chevron U.S.A. Inc.
 Baxter Culp 35 Lease
 Sec 31, T19S, R37E
 Lea County, NM

Scale: 2" = 1 Mile

BP Amer. Altura
 62667
 Gillully-Fed
 Mewbourne
 OXY 62667
 22

WELL TEST REPORT

Lease: **BAXTER CULP 31**

Field: **MONUMENT**

Reservoir: **Tubb**

Well: **5**

Field Code: **U93**

Resv Code: **BM**

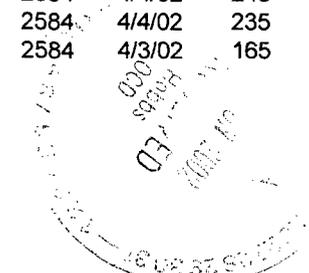
Unique Code: **PU936400**

Battery: **LOVE 32**

Wellbore: **103348**

API No: **300253569200**

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD	% Runtime
6/11/02	14	38	13	200	910	26.9	01	PR	Tubb Pool	6532	6/4/02	52	38.0
6/10/02	14	40	14	200	981	25.9	01	PR	Tubb Pool	6532	6/4/02	54	38.0
6/9/02	13	38	16	200	1207	25.5	01	PR	Tubb Pool	6532	6/4/02	51	38.0
6/9/02	13	38	16	200	1207	25.5	01	PR	Tubb Pool	6532	6/4/02	51	38.0
6/8/02	13	41	16	200	1207	24.1	01	PR	Tubb Pool	6532	6/4/02	54	38.0
6/8/02	13	41	16	200	1207	24.1	01	PR	Tubb Pool	6532	6/4/02	54	38.0
6/7/02	16	39	13	200	796	29.1	01	PR	Tubb Pool	6532	6/4/02	55	38.0
6/7/02	16	39	13	200	796	29.1	01	PR	Tubb Pool	6532	6/4/02	55	38.0
6/6/02	13	37	13	200	980	26.0	01	PR	Tubb Pool	6532	6/4/02	50	38.0
6/5/02	12	30	13	200	1062	28.6	01	PR	Tubb Pool	6532	6/4/02	42	38.0
6/4/02	12	30	16	200	1308	28.6	01	PR	Tubb Pool	6532	6/4/02	42	38.0
6/3/02	23	40	20	200	853	36.5	01	PR	Tubb Pool	6526	2/22/02	63	38.0
5/30/02	26	30	15	200	566	46.4	01	PR	Tubb Pool	6526	2/22/02	56	38.0
5/28/02	16	26	29	200	1838	38.1	01	PR	Tubb Pool	6526	2/22/02	42	38.0
5/27/02	26	28	36	200	1395	48.1	01	PR	Tubb Pool	6526	2/22/02	54	38.0
5/26/02	31	65	37	200	1202	32.3	01	PR	Tubb Pool	6526	2/22/02	96	38.0
5/25/02	3	65	15	200	4903	4.4	01	PR	Tubb Pool	6526	2/22/02	68	38.0
5/24/02	0	0	14	200	#DIV/0!	#DIV/0!	01	PR	Tubb Pool	6526	2/22/02	0	0.0
5/23/02	18	32	31	200	1743	36.0	01	PR	Tubb Pool	6526	2/22/02	50	0.0
5/22/02	30	65	39	200	1307	31.6	01	PR	Tubb Pool	6526	2/22/02	95	70.0
5/21/02	12	45	20	200	1634	21.1	01	PR	Tubb Pool	5735	5/19/02	57	40.0
5/19/02	20	190	39	200	1961	9.5	01	PR	Tubb Pool	5735	5/19/02	210	100.0
4/16/02	0	260	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	260	100.0
4/15/02	0	260	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	260	100.0
4/14/02	0	247	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	247	100.0
4/13/02	0	240	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	240	100.0
4/12/02	0	244	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	244	100.0
4/11/02	0	230	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	230	100.0
4/10/02	0	260	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	260	100.0
4/9/02	0	250	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/9/02	250	100.0
4/8/02	0	258	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/4/02	258	100.0
4/7/02	0	230	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/4/02	230	100.0
4/6/02	0	235	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/4/02	235	100.0
4/5/02	0	248	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/4/02	248	100.0
4/4/02	0	235	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/4/02	235	100.0
4/3/02	0	165	0	200	#DIV/0!	0.0	01	PR	Blinebry Pool	2584	4/3/02	165	100.0



BAXTER CULP 31 5

Daily Completion / WO Report Version 3.0

Start Date: 2/5/2002	Actual Days: 11	Auth. Days: 8	TD: 7,420'	PBTD: 7,324'
Job Description: COMP	KB Correction: 15'	Job Code: COMP		

Fluid Type: KCL	Weight:				
Prod. Casing Size: 5 1/2	WT: 15.5	Grade: K-55	Set @ MD: 7415'	Cmt. Top @ SURF.	
Liner OD:	WT:	Grade:	Set@ MD:	Top @MD: 0'	
Tubing OD	Wt.	Grade	Threads	Depth	Details
27/8			8RD	7400'	
Packer @	Packer Make & Model		Perforations:	Details	
7,024'	RBP		6802-07', 6814-17', 6832-36'	NEW PERFS.	
6,703'	5-1/2 HD TRT. PKR		6843-56', 6878-83', 6932-42'		
			7280-84', 7288-92', 7328-30', 7342-45', 7360-63', 7376-79'		

Fish Top: Details:

Hrs. From:	To:	Operations Covering 24 Hours - Ending at Midnight (24:00 hrs)
06:30	07:30	CREW TRAVEL & SAFETY MEETING
07:30	08:30	RU & SWB SFL @ 2500' EFL @ 6300' REC. 10 BBLs 4 RUNS 25% OIL
08:30	09:00	FL @ 6400' REC 2 BBLs 20% OIL
09:00	10:00	FL @ 6300' REC 11/2 BBLs 20% OIL
10:00	11:00	FL @ 6100' REC. 11/2 BBLs 20% OIL
11:00	12:00	FL @ 6100' REC. 11/2 BBLs 20% OIL
12:00	13:00	FL @ 6100' REC. 11/2 BBLs 20% OIL
13:00	14:00	FL @ 6100' REC. 11/2 BBLs 12% OIL
14:00	15:00	FL @ 6100' REC. 11/2 BBLs 20% OIL
15:00	16:00	FL @ 6100' REC. 11/2 BBLs 20% OIL
		SION
		PERF.
		$1\frac{1}{2} \text{ BPH} * 24 = 36 \text{ BTFPD}$
		$36 * .2 = 7.2 \text{ BOPD}$
		$36 * .8 = 28.8 \text{ BOPD}$
		AVG. GOR FOR MONUMENT DRINKARD, N.E. POOL = 2,101
		$(7.2 \text{ BOPD} * 2101 / 1000) = 15 \text{ MCFPD.}$

SWAB TEST OF
DRINKARD PERFS
6802 - 6942'

SAFETY MEETINGS HELD: 1	OSHA MAN HRS: RIG: 38 OTHERS: 30 TOTAL: 68
CUMULATIVE SAFETY HOURS: Mtg 12	RIG: 490 TOTAL: 846
Fluid Lost To Formation Daily: Cumulative:	
Hours Charged To: Contractor: Chevron: Other: Total: 0	
Remarks:	
G&A: H2S: Accidents: NAR Chevron %:	
Daily Intangible Cost: \$3,183	Daily Tang. Cost: \$0
Daily Comp Cost: \$3,183	WBS Element No. (Capital) UWPWB-D1026-COM
Cum Intangible Cost: \$63,774	Cum Tang Cost: \$22,500
Cum Comp Cost: \$86,274	WBS Element No. (Exp) UWPWB-D1026-COM
Previous Comp Cst\$	Final Drilling Cost
Cum Well Cost:	Total Appr: \$
API Well No: 30-025-35692	
Profit Cntr WEST	Rig: POOL-652
Rep Phone: 505-390-3706	WO Rep: B.E. CONE
Field: MONUMENT ABO	Lease: BAXTER CULP 31
Well #: 5	Date: 20-Feb-02

BAXTER CULP 31 5

Daily Completion / WO Report Version 3.0

Start Date: 2/5/2002	Actual Days: 9	Auth. Days: 8	TD: 7,420'	PBTD: 7,324'
Job Description: COMP	KB Correction: 15'		Job Code: COMP	

Fluid Type: KCL	Weight: 1			
Prod. Casing Size: 5 1/2	WT: 15.5	Grade: K-55	Set @ MD: 7415'	Cmt. Top @ SURF.
Liner OD:	WT:	Grade:	Set @ MD:	Top @MD: 0'

Tubing OD	Wt.	Grade	Threads	Depth	Details
27/8			8RD	7400'	

Packer @	Packer Make & Model	Perforations:	Details
	RBP	6802-07', 6814-17', 6832-36'	NEW PERFS.
	5-1/2 HD TRT. PKR	6843-56', 6878-83', 6932-42'	
		7280-84', 7288-92' 7328-30', 7342-45', 7360-63', 7376-79'	

Fish Top:	Details:
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Hrs. From:	To:	Operations Covering 24 Hours - Ending at Midnight (24.00 hrs)
06:30	07:30	CREW TRAVEL, & SAFETY MEETING
07:30	08:30	SWB. SFL @1500' SWB & FLOW 41 BBLS. 2 RUNS 30% OIL
08:30	09:30	SFL@ 3000' 14 BBLS 3 RUNS 10% OIL
09:30	10:00	CLOSE IN FOR TRUCK TO LOAD
10:00	11:00	SWB SFL @ 2000' EFL @ 3500' 20 BBLS. 4 RUNS 10% OIL
11:00	12:00	SFL@ 3500' EFL @ 3500' 14 BBLS 4 RUNS 10% OIL
12:00	13:00	SFL @ 3200' SCATTERED TO 4700' 16 BBLS 4 RUNS 12% OIL
13:00	14:00	SFL @ 3500' EFL @5000' 10 BBLS 3 RUNS 15% OIL
14:00	15:00	SFL @ 4500' EFL @ 5200' 15 BBLS 4 RUNS 15% OIL 5% BS
15:00	16:00	SFL@ 4500' EFL @ 5200' 15 BBLS 4 RUNS 15% OIL 3% BS
		CION
<p>15 BPH * 24 = 360 BTFPD</p> <p>360 * .15 = 54 BOPD</p> <p>360 * .85 = 306 BWPD</p> <p>AVG. GOR FOR MONUMENT ABO POOL = 11,253.</p> <p>(54 BOPD * 11,253 / 1000) = 608 MCFPD.</p>		

SAFETY MEETINGS HELD:	1	OSHA MAN HRS:	RIG: 40	OTHERS:	30	TOTAL:	70
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CUMULATIVE SAFETY HOURS:	Mtg 10	RIG:	404	TOTAL:	694
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Fluid Lost To Formation	Daily:	Cumulative:	
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Hours Charged To:	Contractor:	Chevron:	Other:	Total:	0
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Remarks:

G&A:	H2S:	Accidents:	NAR	Chevron %:
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Daily Intangible Cost:	\$2,850	Daily Tang. Cost:	\$0	Daily Comp Cost:	\$2,850	WBS Element No. (Capital)	UWPWB-D1026-COM
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Cum Intangible Cost:	\$57,408	Cum Tang Cost:	\$22,500	Cum Comp Cost:	\$79,908	WBS Element No. (Exp)	UWPWB-D1026-COM
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Previous Comp Cst\$	Final Drilling Cost	Cum Well Cost:	Total Appr:	\$
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Profit Cntr	WEST	Rig:	POOL-652	Rep Phone:	505-390-7143	WO Rep:	B.E. CONE
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Field:	MONUMENT ABO	Lease:	BAXTER CULP 31	Well #:	5	Date:	18-Feb-02
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Abo Production within 2 mile radius of Baxter Culp 31 #5

API	Lease Name	Well #	Operator Name	Location	Field Name	Prod Zone	Oil Cum	Gas Cum
30025041340000	J R PHILLIPS	5	AMERADA HESS CORPORATION	1 20S 36E	MONUMENT	ABO /SH/	8226	91577
30025041360001	J R PHILLIPS	7	AMERADA HESS CORPORATION	1 20S 36E	MONUMENT	ABO /SH/	60760	129590
30025041440000	STATE D DE	6	AMERADA DIV AMERADA HESS CORP.	1 20S 36E	MONUMENT	ABO /SH/	31760	
30025041500002	EUNICE MONUMENT EUMONT	1	RICE ENGINEERING & ASSOCIATES INC	1 20S 36E	MONUMENT	ABO /SH/	2925	
30025059280000	L M LAMBERT	4	AMERADA HESS CORPORATION	6 20S 37E C SE NE	MONUMENT	ABO /SH/	1216	4893
30025059460000	G C MATTHEWS	5	CHEVRON U S A INCORPORATED	6 20S 37E	MONUMENT	ABO /SH/	22337	206022
30025059580000	J R PHILLIPS	5	TEXACO EXPLORATION & PROD INC	6 20S 37E	MONUMENT	ABO /SH/	22868	1195776
30025124730000	STATE F	5	AMERADA HESS CORPORATION	36 19S 36E	MONUMENT	ABO /SH/	73099	170193
30025124780000	GRAHAM STATE NCT F	5	GULF OIL CORPORATION	36 19S 36E	MONUMENT	ABO /SH/	18551	
30025124820000	GRAHAM STATE NCT F	7	CHEVRON U S A INCORPORATED	36 19S 36E	MONUMENT	ABO /SH/	39201	152592
30025351190000	J R PHILLIPS	15	TEXACO EXPLORATION & PROD INC	6 20S 37E W2 NE NW	MONUMENT	ABO /SH/	12654	54782
30025355010000	J R PHILLIPS	16	TEXACO EXPLORATION & PROD INC	6 20S 37E NE SE NW	MONUMENT	ABO /SH/	2296	15104
30025059590000	J R PHILLIPS	6	TEXACO EXPLORATION & PROD INC	6 20S 37E	MONUMENT	ABO /SH/	84382	2301527
30025127220001	NEW MEXICO E STATE NCT 1	5	TEXACO EXPLORATION & PROD INC	1 20S 36E	MONUMENT	ABO /SH/	6848	1181744
30025302480000	SKELLY D STATE	4	MISSION RESOURCES INC	1 20S 36E NE SE	MONUMENT	ABO /SH/	15925	829809
						TOTAL CUM	403048	4535558

AVG. GOR = (4535558) x 1000

= 11,253

403048



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Betty Rivera
Cabinet Secretary

8/8/02

Lori Wrotenbery
Director
Oil Conservation Division

Oil Conservation Division
1220 S. Francis Drive
Santa Fe, NM 87505

RE: Proposed:

- MC _____
- DHC X _____
- NSL _____
- NSP _____
- SWD _____
- WFX _____
- PMX _____

Gentlemen:

I have examined the application for the:

Chevron Mexaco Baxter Culp 31 #5-P-31-19s-37e
 Operator Lease & Well No! Unit S-T-R API # 30-025-35692

and my recommendations are as follows:

OK

Yours very truly,

Chris Williams
 Chris Williams
 Supervisor, District 1