

DATE IN 5/8/06	SUSPENSE	WILL JONES ENGINEER	LOGGED 5/8/06	TYPE DHC 3707
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p 7050612848805

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 MAY 8 PM 12 24

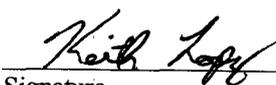
[2] NOTIFICATION REQUIRED TO: -  Check Those Which Apply, or Does Not Apply

- [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	5/1/2006
Print or Type Name	Signature	Title	Date



**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

April 26, 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 DHC the Jayhawk #1

Attn: Oil & Gas Regulatory Department

Chevron U.S.A respectfully requests administrative approval to Downhole Commingle the Skaggs Glorieta NW, Weir Blinebry, and Monument Tubb in the Jayhawk #1, API #30-025-34329. The #1 is located 330' FSL 330' FWL, Unit M, Section 35, T-19S, R-37E, Lea County, NM.

The Jayhawk #1 was drilled in the Strawn 1998. It was later completed in the Drinkard and is currently producing from the Tubb. The HT Orcutt E #4 was recently DHC in the Glorieta and Blinebry showing significant production increases and it is proposed to follow this model. The Jayhawk #1 well production is gathered in the HT Orcutt NCT E Tank Battery, (COMMINGLING ORDER PLC-256), located in Lot 4 of Section 2, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

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 Jayhawk #1, 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 black ink that reads "Keith Lopez". The signature is written in a cursive, slightly slanted style.

Keith Lopez  
Petroleum Engineer

**Attachments**

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised June 10, 2003

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

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

District III  
1000 Rio Brazos Road, Aztec, NM 87410

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

APPLICATION FOR DOWNHOLE COMMINGLING

Chevron U.S.A. INC  
Operator  
15 Smith Road, Midland TX 79705  
Address

DHC-3707

Jayhawk #1 Well No. M-35-19S-37E Unit Letter-Section-Township-Range United States County  
Lease

OGRID No. 4323 Property Code 22556 API No. 30-025-34329 Lease Type:  Federal  State  Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	UNDES Skaggs Glorieta NW	UNDES Weir Blinebry	Monument Tubb
Pool Code	97203 ✓	63780 ✓	47090 ✓
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5370'-5390'	5770'-5885'	6494'-6682'
Method of Production (Flowing or Artificial Lift)	Artificial Lift, pending OCD approval	Artificial Lift, pending OCD approval	Artificial Lift
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)	1500 estimated from fluid levels on Orcutt E #4 (offset)	800 estimated from fluid levels in Jayhawk #1
Oil Gravity or Gas BTU (Degree API or Gas BTU)	42.1°	39.8°	
Producing, Shut-In or New Zone	New Zone	New Zone	Producing
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: 3/28/2006 Rates: 40/100/11 Allocated production from the DHC Orcutt E #4	Date: 3/28/2006 Rates: 24/55/19 Allocated production from the DHC Orcutt E #4	Date: 3/3/2006 Rates: 12/0/76 Current Production
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 53% 10%	Oil Gas 31% 18%	Oil Gas 16% 72%

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 4/26/06

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

E-MAIL ADDRESS lopk@chevron.com

**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**

Jayhawk #1  
330' FSL & 330' FWL, Unit Letter M  
Section 35, 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 Jayhawk #1**

(97203) Skaggs; Glorieta, NW  
(63780) Weir Blinebry  
(47090) Monument Tubb

**Perforated Intervals**

Skaggs; Glorieta NW (5320'-5382') (Wellbore diagrams attached)  
Weir Blinebry (5770'-5885')  
Monument Tubb (6494'-6682')

**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	40	100	11	Allocated Production from Orcutt E #4 DHC
Weir Blinebry	24	55	19	Allocated Production from Orcutt E #4 DHC
Monument Tubb	12	0	76	Current Production from Jayhawk #1
<b>Totals</b>	<b>76</b>	<b>155</b>	<b>106</b>	

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Skaggs; Glorieta NW	53	65	10	Calculated using above production volumes.
Weir Blinebry	31	35	18	Calculated using above production volumes.
Monument Tubb	16	0	72	Calculated using above production volumes.
<b>Totals</b>	<b>100.00</b>	<b>100.00</b>	<b>100.00</b>	

**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

<sup>1</sup> API Number 30-025-34329	<sup>2</sup> Pool Code 63780	<sup>3</sup> Pool Name Weir Blinebry
<sup>4</sup> Property Code 22556	<sup>5</sup> Property Name Jayhawk	
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron Corporation	<sup>6</sup> Well Number 1
		<sup>9</sup> Elevation 3597'

<sup>10</sup> Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	19S	37E		330'	South	330'	West	Lea

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 40	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> 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>35</p> <p>40-acre proration unit</p> <p>330'</p> <p>330'</p>	<p>35</p>	<p><b>OPERATOR CERTIFICATION</b></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><i>Keith Lopez</i></p> <p>Signature</p> <p><b>Keith Lopez</b></p> <p>Printed Name</p> <p><b>Petr. Engineer</b></p> <p>Title</p> <p><b>April 26, 2006</b></p>
		<p><b>18</b></p> <p><b>SURVEYOR CERTIFICATION</b></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>_____</p> <p>Certificate Number</p>

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AMENDED REPORT

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WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-34329	<sup>2</sup> Pool Code 97203	<sup>3</sup> Pool Name Skaggs Glorieta NW
<sup>4</sup> Property Code 22556	<sup>5</sup> Property Name Jayhawk	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron Corporation	<sup>9</sup> Elevation 3597'

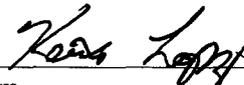
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UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	19S	37E		330'	South	330'	West	Lea

<sup>11</sup> 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
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<p>35</p> <p>40-acre proration unit</p> <p>330'</p> <p>330'</p>	35				<p><b>OPERATOR CERTIFICATION</b></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></p> <p>Signature _____</p> <p><b>Keith Lopez</b></p> <p>Printed Name _____</p> <p><b>Petr. Engineer</b></p> <p>Title _____</p> <p><b>April 26, 2006</b></p>
					<p><b>SURVEYOR CERTIFICATION</b></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>
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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

<sup>1</sup> API Number 30-025-34329	<sup>2</sup> Pool Code 47090	<sup>3</sup> Pool Name Monument Tubb
<sup>4</sup> Property Code 22556	<sup>5</sup> Property Name Jayhawk	<sup>6</sup> Well Number 1
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron Corporation	<sup>9</sup> Elevation 3597'

<sup>10</sup> Surface Location

UL or Lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	35	19S	37E		330'	South	330'	West	Lea

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

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Well: **JAYHAWK 1**

Field:  
**MONUMENT**

Reservoir:  
**Tubb**

**Current**  
**Wellbore Diagram**

<b>Location:</b>	
Section:	35
Township:	19S
Range:	37E
	330°FSL 330°FWL
County:	LEA, NM

<b>Well ID Info:</b>	101880
Refno:	BQ8437
API No:	30--25-34329
L5/L6:	U93 5800
Spud Date:	3/13/1998
Compl. Date:	5/15/1998

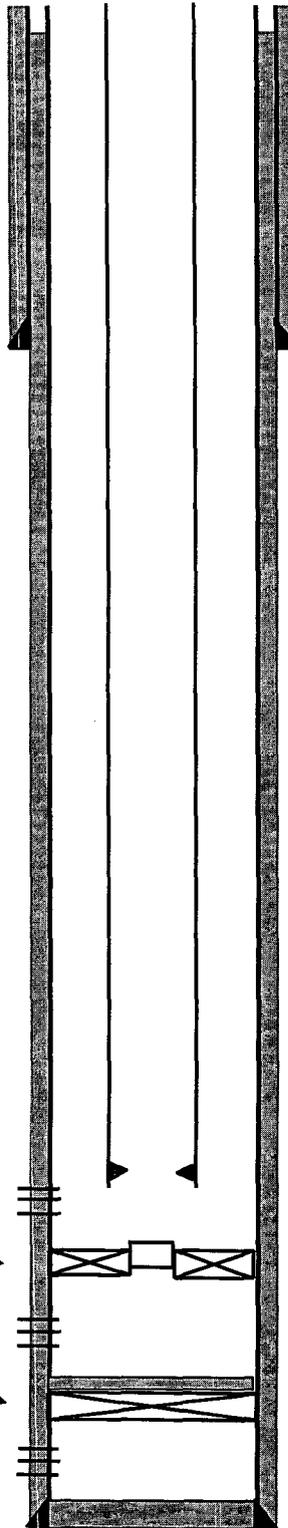
<b>Elevations:</b>	
GL:	3597'
DF:	3609'
KB:	3610'

<b>Surf. Csg:</b>	8 5/8"
	23#
	WC-50 ST&C
<b>Set @</b>	1485'
<b>With:</b>	425 SXS
<b>Hole Size:</b>	11"
<b>Circ:</b>	YES
<b>TOC @</b>	SURF

<b>Perfs:</b>	<b>Status</b>
6494' - 6682'	
TUBB	
6701' - 6724'	BELOW RBP
DRINKARD	

<b>Tbg Detail:</b>	
KB	13.50
208 JTS 2 7/8" L-80	6465.38
2 7/8" X 2 3/8" X0	.35
XL ON-OFF TOOL	1.62
EOT	6480.35

New collar stop @ 6447'  
2/28/05 FT.



<b>Prod. Csg:</b>	5 1/2"
	15.5&17
	?
<b>Set @</b>	8279'
<b>With:</b>	1230 SXS
<b>Hole Size:</b>	7 7/8"
<b>Circ:</b>	NO
<b>TOC @</b>	200'

<b>COTD:</b>	
<b>PBTD:</b>	6,691'
<b>TD:</b>	8,280'

Updated: 12-Feb-99  
By: J. M. LOVELL

Well: **JAYHAWK 1**

Field:  
**MONUMENT**

Reservoir:  
**Tubb**

<b>Location:</b>	
Section:	35
Township:	19S
Range:	37E
	330'FSL 330'FWL
County:	LEA, NM

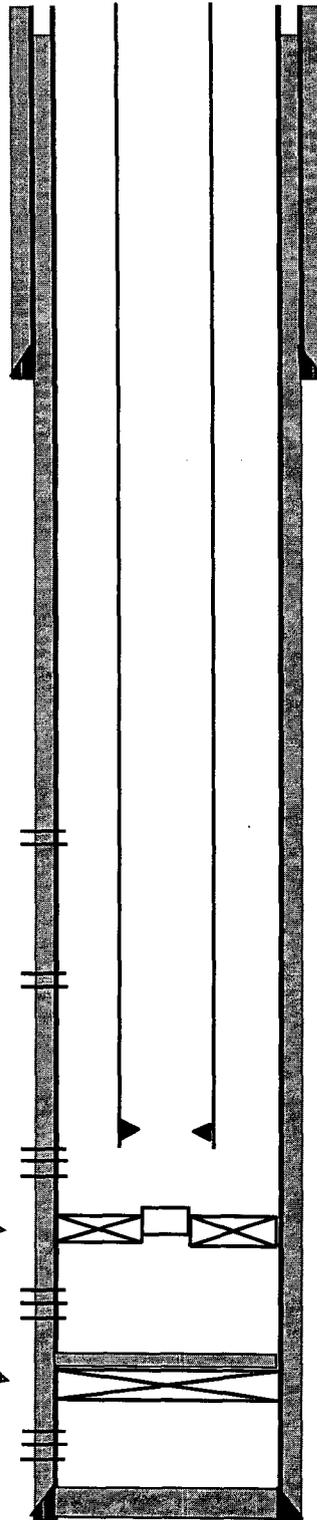
**Proposed**  
Wellbore Diagram

<b>Well ID Info:</b> 101880	
Refno:	BQ8437
API No:	30-25-34329
L5/L6:	U93 5800
Spud Date:	3/13/1998
Compl. Date:	5/15/1998

<b>Elevations:</b>	
GL:	3597'
DF:	3609'
KB:	3610'

**Surf. Csg:** 8 5/8"  
23#  
WC-50 ST&C

**Set @** 1485'  
**With:** 425 SXS  
**Hole Size:** 11"  
**Circ:** YES  
**TOC @** SURF



**Glorieta**  
**Perfs:** Status  
5370' - 5390' Open

**Blinebry**  
**Perfs:** Status  
5773' - 5892' Open

**Tubb**  
**Perfs:** Status  
6494' - 6682' Open

SURLOK PKR @ 6691' →  
BLANKING PLUG SET IN PROFILE  
1.875" 'F' PLUG  
DRINKARD PERFS: 6701'-24' →

CIBP @ 7870' CAPPED W/ 35'  
CMT →

PERFS: 7918'- 7992' →

**Prod. Csg:** 5 1/2"  
15.5&17  
?  
**Set @** 8279'  
**With:** 1230 SXS  
**Hole Size:** 7 7/8"  
**Circ:** NO  
**TOC @** 200'

**COTD:**  
**PBTD:** 6,691'  
**TD:** 8,280'

**Updated:** 12-Feb-99  
**By:** J. M. LOVELL

## WELL TEST REPORT

Lease: <b>JAYHAWK</b>	Field: <b>MONUMENT</b>	Reservoir: <b>TUBB</b>
Well: <b>1</b>	Field Code: <b>U93</b>	Resv Code: <b>000009303</b>
	Unique Code: <b>UCU935800</b>	Battery: <b>HT ORCUTT E 2</b>
	Wellbore: <b>101880</b>	API No: <b>300253432900</b>

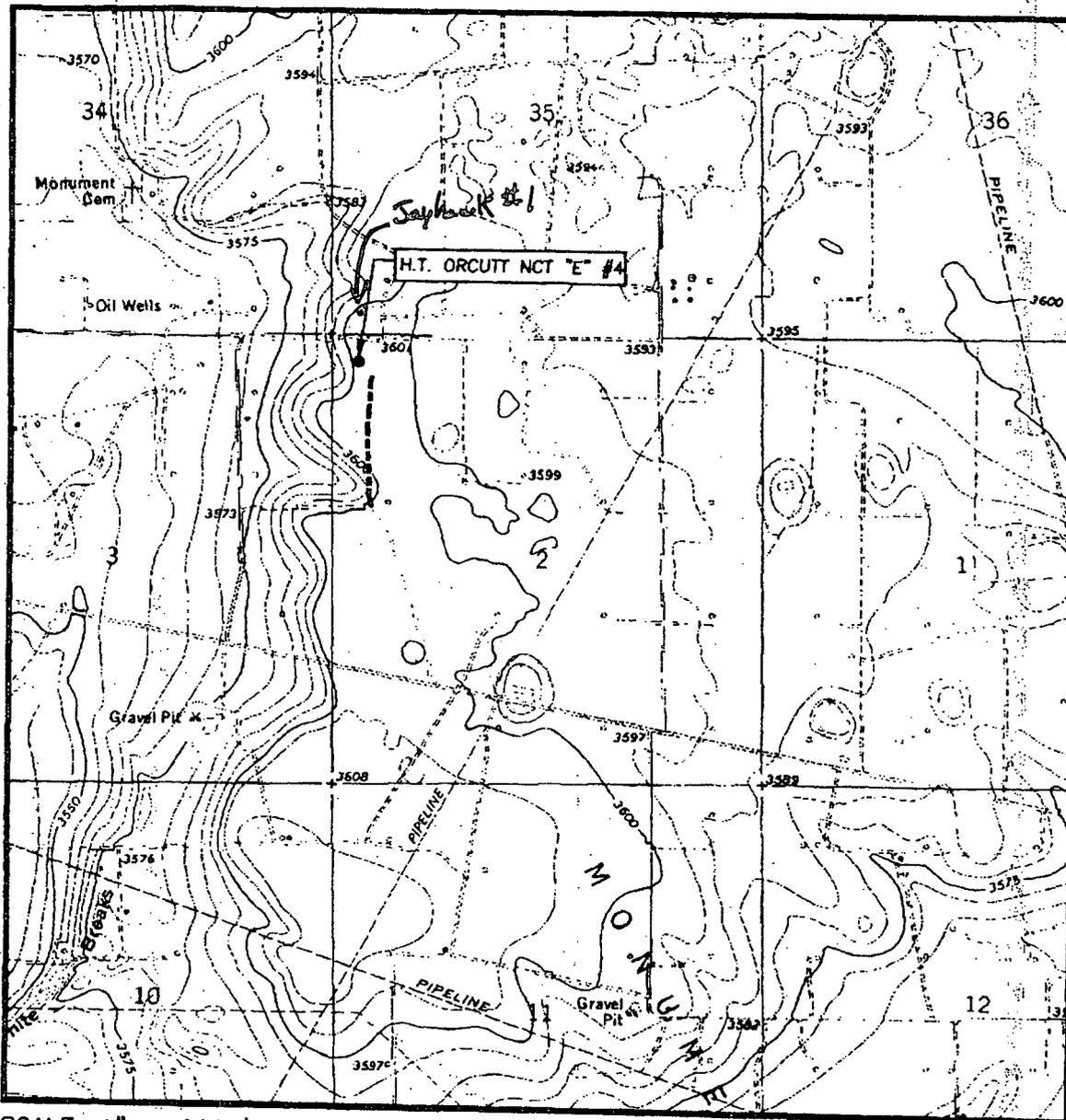
Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD
	0	0	0	140			01	PL				
	0	0	0	100			01	PL		6479	2/21/00	
	0	0	0	100			01	PL			6/19/99	
3/3/06	12	0	76	100	6333	100.0	01	PL			2/20/03	12
2/26/06	12	0	75	100	6250	100.0	01	PL			2/20/03	12
12/30/05	12	0	122	100	10167	100.0	01	PL			2/20/03	12
11/15/05	11	0	104	100	9455	100.0	01	PL			2/20/03	11
10/6/05	11	0	83	100	7545	100.0	01	PL			2/20/03	11
9/29/05	11	1	144	100	13091	91.7	01	PL			2/20/03	12
8/24/05	10	1	142	100	14200	90.9	01	PL			2/20/03	11
7/18/05	10	1	161	100	16100	90.9	01	PL			2/20/03	11
6/6/05	10	2	178	100	17800	83.3	01	PL			2/20/03	12
5/4/05	15	1	122	100	8133	93.8	01	PL			2/20/03	16
5/2/05	12	1	122	100	10167	92.3	01	PL			2/20/03	13
4/1/05	15	0	160	100	10667	100.0	01	PL			2/20/03	15
3/1/05	18	0	161	100	8944	100.0	01	PL			2/20/03	18
3/1/05	16	0	161	100	10063	100.0	01	PL			2/20/03	16
2/16/05	12	0	128	100	10667	100.0	01	PL			2/20/03	12
1/21/05	13	0	129	100	9923	100.0	01	PL			2/20/03	13
12/13/04	14	1	124	100	8857	93.3	01	PL			2/20/03	15
11/7/04	15	1	124	100	8267	93.8	01	PL			2/20/03	16
11/7/04	15	1	124	100	8267	93.8	01	PL			2/20/03	16
10/26/04	12	1	154	100	12833	92.3	01	PL			2/20/03	13
9/7/04	14	1	155	100	11071	96.6	01	PL			2/20/03	15
7/23/04	14	1	159	100	11357	96.6	01	PL			2/20/03	15
6/27/04	18	1	156	100	8667	94.7	01	PL			2/20/03	19
5/24/04	14	1	155	100	11071	96.6	01	PL			2/20/03	15
4/15/04	16	0	155	100	9688	100.0	01	PL			2/20/03	16
3/4/04	17	1	153	100	9000	94.4	01	PL			2/20/03	18
2/20/04	17	1	170	100	10000	94.4	01	PL			2/20/03	18
1/5/04	16	1	212	100	13250	94.1	01	PL			2/20/03	17
12/23/03	17	1	225	100	13235	94.4	01	PL			2/20/03	18
11/19/03	16	1	187	100	11688	94.1	01	PL			2/20/03	17
10/18/03	15	1	198	100	13200	96.8	01	PL			2/20/03	16
9/23/03	15	1	189	100	12600	93.8	01	PL			2/20/03	16
8/19/03	18	1	192	100	10667	94.7	01	PL			2/20/03	19
7/23/03	17	1	190	100	11176	94.4	01	PL			2/20/03	18
6/16/03	18	1	206	100	11444	94.7	01	PL			2/20/03	19
5/21/03	18	1	199	100	11056	94.7	01	PL			2/20/03	19
4/3/03	20	1	204	100	10200	95.2	01	PL			2/20/03	21
3/27/03	22	1	199	100	9045	95.7	01	PL			2/20/03	23
3/20/03	22	1	199	100	9045	95.7	01	PL			2/20/03	23
2/20/03	20	1	211	100	10550	95.2	01	PL		6479	2/20/03	21
1/10/03	21	1	230	100	10952	95.5	01	PL		6479	12/24/02	22
12/24/02	21	1	235	100	11190	95.5	01	PL		6479	12/24/02	22
11/25/02	20	1	240	100	12000	95.2	01	PL		6479	2/20/02	21
11/25/02	20	1	240	100	12000	95.2	01	PL		6479	2/20/02	21
10/20/02	21	1	238	100	11329	95.5	01	PL		6479	2/20/02	22
9/11/02	20	1	244	100	12188	95.2	01	PL		6479	2/20/02	21
8/21/02	21	1	253	100	12044	95.5	01	PL		6479	2/20/02	22
7/20/02	22	1	255	100	11586	95.7	01	PL		6479	2/20/02	23

## WELL TEST REPORT

Lease: <b>ORCUTT, H. T. NCT-E</b>	Field: <b>WEIR</b>	Reservoir: <b>BLINEBRY</b>
Well: <b>4</b>	Field Code: <b>L27</b>	Resv Code: <b>000004532</b>
	Unique Code: <b>UCL271200</b>	Battery: <b>HT ORCUTT E 4</b>
	Wellbore: <b>603340</b>	API No: <b>300253675300</b>

Test Date	BOPD	BWPD	MCFPD	Tbg PSI	GOR	% Oil	Comp No.	Status	Remarks	Fluid Level	Fld Lvl Date	BTFPD
	0	0	0				01	PR		5153	4/27/05	
	0	0	0				99	PR		5077	4/28/05	
	0	0	0				99	PR		5432	5/22/05	
	0	0	0				99	PR		5630	7/22/05	
	0	0	0				99	PR		5630	7/22/05	
3/28/06	64	155	29		460	29.2	99	PR		5630	7/22/05	219
2/16/06	57	126	31		550	31.1	99	PR		5630	7/22/05	183
12/2/05	61	137	19		305	30.8	99	PR		5630	7/22/05	198
11/20/05	65	150	19		287	30.2	99	PR		5630	7/22/05	215
10/13/05	65	147	14		211	30.7	99	PR		5630	7/22/05	212
9/13/05	72	163	64		885	30.6	99	PR		5630	7/22/05	235
8/16/05	71	174	62		870	29.0	99	PR		5630	7/22/05	245
7/12/05	74	175	69		927	29.7	99	PR		5432	5/22/05	249
6/15/05	78	184	69		880	29.8	99	PR		5432	5/22/05	262
5/17/05	84	180	55		654	31.8	99	PR		5564	5/8/05	264
5/16/05	92	198	56		608	31.8	99	PR		5564	5/8/05	290
5/15/05	88	188	56		635	31.9	99	PR		5564	5/8/05	276
5/14/05	95	204	62		650	31.8	99	PR		5564	5/8/05	299
5/13/05	90	192	58		643	31.9	99	PR		5564	5/8/05	282
5/12/05	90	199	64		708	31.1	99	PR		5564	5/8/05	289
5/11/05	96	210	60		622	31.4	99	PR		5564	5/8/05	306
5/10/05	94	203	57		605	31.6	99	PR		5564	5/8/05	297
5/8/05	97	220	59		606	30.6	99	PR		5564	5/8/05	317
5/7/05	92	220	46		501	29.5	99	PR		5431	5/7/05	312
5/6/05	100	232	2		20	30.1	99	PR		5821	5/6/05	332
5/5/05	131	247	5		37	34.7	99	PR		5420	5/5/05	378
4/28/05	116	204	5		42	36.3	01	PR		5079	4/28/05	320
4/28/05	116	204	5		42	36.3	99	PR				320
4/7/05	92	222	3		32	29.3	01	PR		4556	4/5/05	314
4/7/05	92	222	3		32	29.3	99	PR				314
3/27/05	77	217	1		13	26.2	01	PR		4765	3/27/05	294
3/27/05	77	217	1		13	26.2	99	PR				294
3/25/05	90	208	5		54	30.2	01	PR		3742	3/20/05	298
3/25/05	90	208	5		54	30.2	99	PR				298
3/24/05	75	204	0		5	26.9	01	PR		3742	3/20/05	279
3/24/05	75	204	0		5	26.9	99	PR				279
3/21/05	51	202	0		8	20.2	01	PR		3742	3/20/05	253
3/21/05	51	202	0		8	20.2	99	PR				253
3/20/05	49	184	0		8	21.0	01	PR		3742	3/20/05	233
3/20/05	49	184	0		8	21.0	99	PR				233
3/19/05	37	221	0		11	14.3	01	PR		3737	3/15/05	258
3/19/05	37	221	0		11	14.3	99	PR				258
3/18/05	37	213	0		5	14.8	01	PR		3737	3/15/05	250
3/18/05	37	213	0		5	14.8	99	PR				250
3/17/05	34	221	0		0	13.3	01	PR		3737	3/15/05	255
3/17/05	34	221	0		0	13.3	99	PR				255
3/16/05	34	214	1		29	13.7	01	PR		3737	3/15/05	248
3/16/05	34	214	1		29	13.7	99	PR				248
3/15/05	30	215	1		33	12.2	01	PR		3737	3/15/05	245
3/15/05	30	215	1		33	12.2	99	PR				245
3/14/05	1	220	0		0	0.5	01	PR		3576	3/13/05	221

# LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:  
HOBBS SW, N.M. - 10'

SEC. 2 TWP. 20-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 330' FWL

ELEVATION 3602'

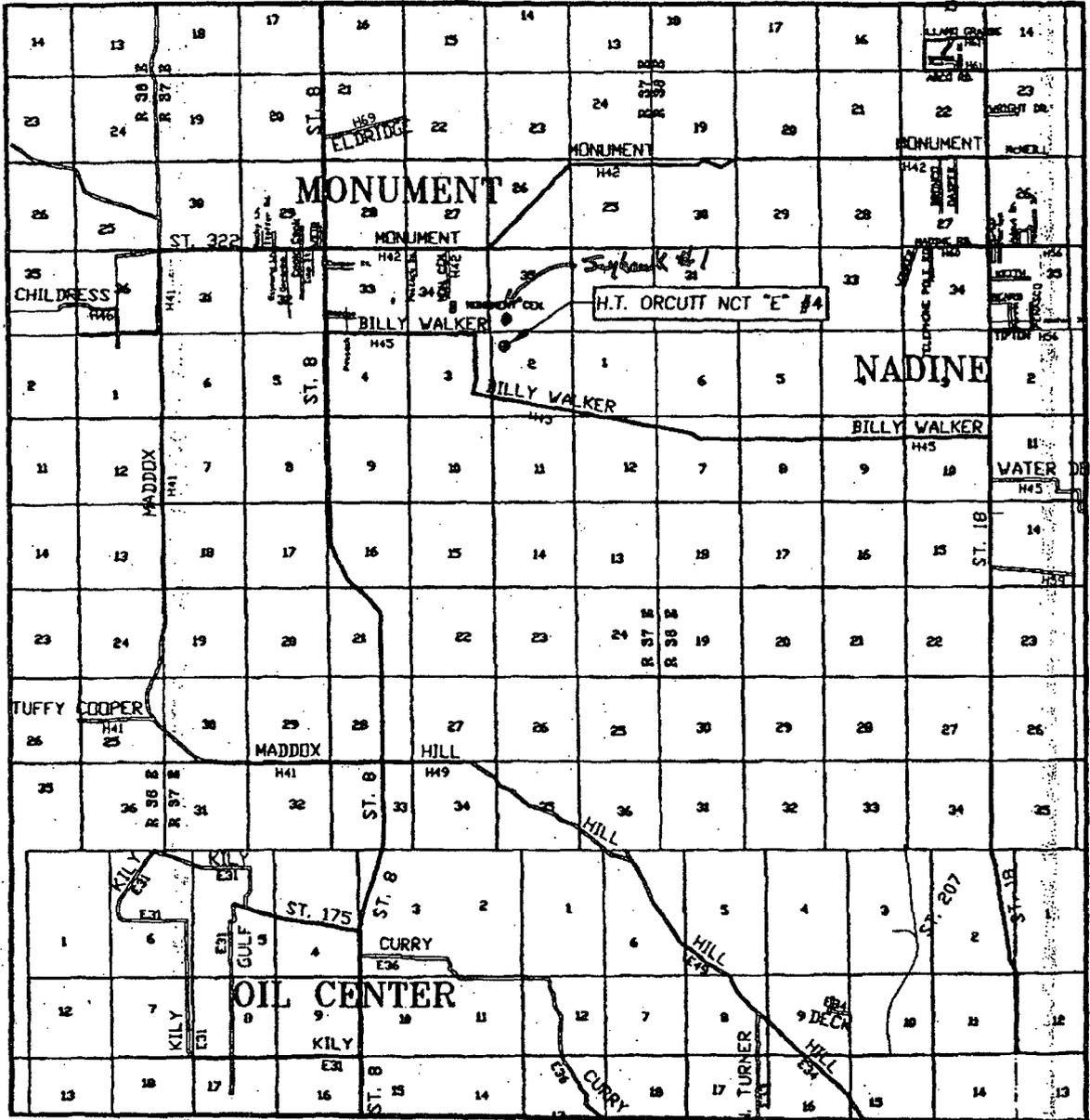
OPERATOR CHEVRON, INC.

LEASE H.T. ORCUTT NCT "E"

U.S.G.S. TOPOGRAPHIC MAP  
HOBBS SW, N.M.

PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL PASO  
HOBBS, N.M. 88240  
(505) 383-3117

# VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 2 TWP. 20-S RGE. 37-E

SURVEY N.M.P.M.

COUNTY LEA

DESCRIPTION 330' FNL & 330' FWL

ELEVATION 3602'

OPERATOR CHEVRON, INC.

LEASE H.T. ORCUTT NCT "E"

PROVIDING SURVEYING SERVICES  
SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
412 N. DAL. PASO  
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(505) 369-3117