

## DISTRICT I

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

## DISTRICT II

P.O. Box Drawer DD, Artesia, NM 88211-0719

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

P.O. Box 2088, Santa Fe, NM 87504-2088

## State of New Mexico

## Energy, Minerals and Natural Resources Department

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Form C-101

Revised February 10, 1999

Instructions on back

Submit to Appropriate District Office

State Lease - 6 Copie

Fee Lease - 5 Copie

☐ AMENDED REPORT

## APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

<sup>1</sup> Operator Name and Address CHEVRON USA INC 15 SMITH RD, MIDLAND, TX 79705		<sup>2</sup> OGRID Number 4323
		<sup>3</sup> API Number 30-025-34209
<sup>4</sup> Property Code 22114	<sup>5</sup> Property Name H.T. ORCUTT 'E'	<sup>6</sup> Well No. 3

<sup>7</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
E	2	20-S	37-E		1650'	NORTH	330'	WEST	LEA

<sup>8</sup> Proposed 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>9</sup> Proposed Pool 1 SKAGGS; GLORIETA NW					<sup>10</sup> Proposed Pool 2				

<sup>11</sup> Work Type Code P	<sup>12</sup> WellType Code O	<sup>13</sup> Rotary or C.T. ROTARY	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3600' GL
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 7208'	<sup>18</sup> Formation GLORIETA	<sup>19</sup> Contractor	<sup>20</sup> Spud Date

<sup>21</sup> Proposed Casing and Cement Program

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
NO CHANGE					

<sup>22</sup> Describe the proposed program. If this application is to DEEPEN or PLUG BACK give the data on the present productive zone and proposed new productive zone.  
Describe the blowout prevention program, if any. Use additional sheets if necessary.

CHEVRON U.S.A. INC. INTENDS TO RECOMPLETE THE SUBJECT WELL FROM THE WEIR BLINEBRY FIELD & POOL TO THE SKAGGS GLORIETA NW FIELD AND RESERVOIR. (PADDOCK). PRODUCTION WILL THEN BE DOWNHOLE COMMINGLED WITH THE WEIR BLINEBRY PRODUCTION. (APPROVAL IS BEING SOUGHT FROM SANTA FE - ATTACHED)

A PIT WILL NOT BE USED FOR THIS PLUGBACK. A STEEL FRAC TANK WILL BE UTILIZED.

THE INTENDED PROCEDURE, CURRENT & PROPOSED WELLBORE DIAGRAMS, AND TBG LANDING DETAILS ARE ATTACHED FOR YOUR APPROVAL.

Permit Expires 1 Year From Approval  
Date Unless Drilling Underway  
Plugback

<sup>23</sup> I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature <i>Denise Pinkerton</i>		Approved By: <i>[Signature]</i>	
Printed Name Denise Pinkerton		Title: PETROLEUM ENGINEER	
Title Regulatory Specialist		Approval Date: AUG 11 2006	
Date 8/9/2006		Expiration Date:	
Telephone 432-687-7375		Conditions of Approval: Attached <input type="checkbox"/>	

HT Orcutt E #3  
API #30-025-34209  
1650' FNL & 330' FWL  
S2, T20S, R37E  
Skaggs Glorieta NW/Weir Blinebry  
Lea County, New Mexico

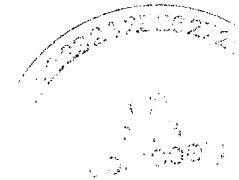
7/27/06

### COMPLETION PROCEDURE:

Use 8.6# BW for all fluid put on well.

1. **Complete if applicable:** Displace flowline w/ fresh water. Have Field Specialist close valve at header. Pressure test line according to type. All polypipe (SDR7 and SDR11) will be tested to 100 psi. All steel lines will be tested to 500 psi. If a leak is found, contact Donnie Ives for repair/replacement. If tests good, bleed off pressure and open valve at header. Document this process in the morning report.
2. MIRU Key PU & RU. POOH w/ rods and pump (see Tbg Detail). NDWH NUBOP. POOH w/ 2-7/8" tbg & LD (see Tbg Detail). Note signs of paraffin on inside and outside of tbg. Send equipment in for inspection.
3. PU & RIH w/ 4-3/4" bit on 2-7/8" WS to 6000'. POOH & LD bit.
4. RIH w/ 5-1/2" RBP w/ on/off tool and pkr on 2-7/8" WS. Set RBP @ 5765'. PU 1 jnt and set pkr. Load and test casing to 500 psi. Test RBP to 1,000 psi. Release pkr and POOH.
5. MIRU WL. Perforate the following intervals with 3-1/8" slick guns loaded w/ 2 JSPF, 120 degree phasing and 23 gram charges tied back w/ GR tool to Wedge Dia-Log, Inc Cement Bond log dated 7/2/98. RD Baker Atlas WL.

Top Perf	Bottom Perf	Net Feet	Total Holes
5367	5373	6	12
5386	5394	8	16
5660	5670	10	20
5678	5690	12	24
5703	5711	8	16
5718	5740	22	44



6. RIH w/ 5-1/2" RBP w/ ball catcher, on/off tool, and pkr on 2-7/8" WS testing to 4500 psi while RIH. Set RBP @ 5760'. PU & set pkr @ 5560'.
7. MIRU Schlumberger acid crew. Acidize lower Paddock perms (5660'-5740') with 2,500 gals NEFE 15% HCl acid dropping 150 1.3 SP ballsealers spaced evenly throughout job. **Max surface treating pressure of 4,000 psi and max rate of 6 bpm.** Displace w/ 8.6# BW. Record treating pressures, ISIP, 5 min, and 10 min if possible. SI for 2 hours for acid to spend.

8. Release pkr and RIH to 5745' to knock off any balls. PUH and reset pkr @ 5600'. RU swab and swab well reporting recovered fluid volumes, pressures, fluid levels, and cuts.
9. MIRU pump truck. Pump down tbg w/ 50 bbls 8.6 PPG cut brine water containing 110 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water @ 5 BPM & 2500 psi max pressure. RD pump truck.
10. Release pkr and RIH to 5760'. Retrieve RBP and PUH to 5450'. Set RBP @ 5450'. PU and set pkr @ 5260'. Load and test BS to 500 psi.
11. MIRU Schlumberger acid crew. Acidize upper Paddock perms (5367'-5394') with 1,500 gals NEFE 15% HCl acid @ **maximum rate of 10 bpm and max surface treating pressure of 4,000 psi**. Displace w/ 8.6# BW. Record treating pressures, ISIP, 5 min, and 10 min if possible. SI for 2 hours for acid to spend.
12. Release pkr and RIH to 5400' to knock off any balls. PUH and reset pkr @ 5300'. RU swab and swab well reporting recovered fluid volumes, pressures, fluid levels, and cuts.
13. MIRU pump truck. Pump down tbg w/ 50 bbls 8.6 PPG cut brine water containing 110 gals Baker RE-4777 Scale Inhibitor followed by 200 bbls 8.6 PPG cut brine water @ 5 BPM & 2500 psi max pressure. RD pump truck.
14. Release pkr and RIH to 5450'. Retrieve RBP and POOH. RIH w/ top half of on/off tool on WS. Retrieve RBP @ 5765' & POOH laying down WS.
15. RIH w/ 2-7/8" production assemble as per ALS recommendation. Hang off. NDBOP. NUWH. RIH w/ rods and pump as per ALS.
16. RD Key PU & RU. Turn well over to production. Contact Lease Operator and inform them that the well is ready for operation.

Engineer - Keith Lopez

432-687-7120 Office

432-631-3281 Cell

432-661-6156 Home

## CURRENT WELL DATA SHEET

**Field:** Weir Blinebry      **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):** Blinebry  
**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'
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 4688 

Base Salt	2550'
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 4856 

Top Yates	2676'
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 5023 

Top 7 Rivers	2958'
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 5191 

Top Queen	3515'
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 5358 

Top Grayburg	3781'
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 5526 

Top San Andres	4173'
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 5693 

Top Glorieta	5294'
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 5860 

Top Paddock	5376'
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 6028 

Top Blinebry	5663'
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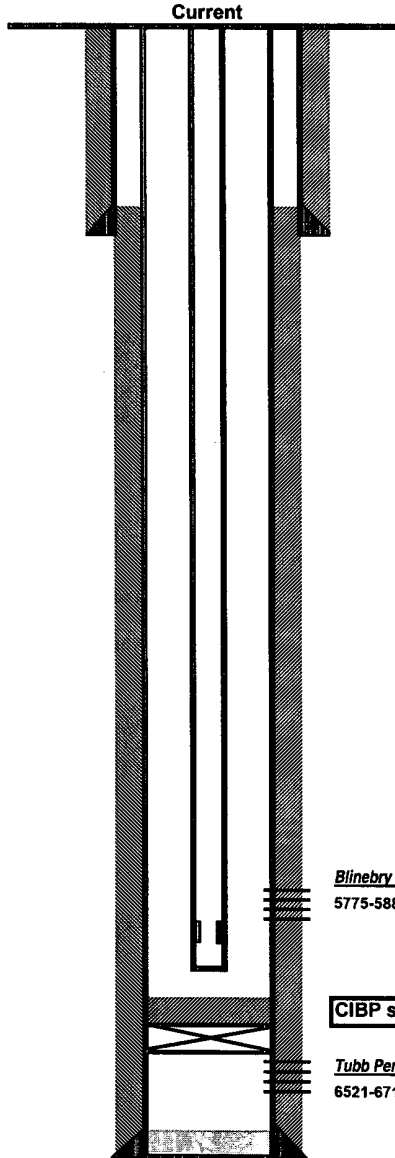
  
 6195 

Top Tubb	6400'
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 6363 

Top Abo	7440'
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 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

<u>Tubing Detail</u>		
# Jts:	Size:	Footage
	Original KB to Tubing Head Flange	13.00
184	2 7/8 6.5# L-80 8RD EUE TBG	5698.29
1	TAC	2.70
9	2 7/8 6.5# L-80 8RD EUE TBG	277.58
1	SN	1.10
1	Perf Sub	4.10
1	MAJT BPOB	30.10
	EOT @	6026.87

<u>Rod Detail</u>		Footage
Polish Rod 1 1/2" x 26'		26
Pony's 1" x 2', 6', 8' N-97 FH-T		16
71 Rods 1" N-97 SH-T		1775
74 RODS 7/8" N-97 FH-T		1850
86 RODS 3/4" N-97 FH-T		2150
6 FLEXBARS 1 1/2" "K"		150
1 GUIDED 7/8" X 2' PONY KD		2
25-175-RHBC-24-4 PUMP		24
Gas Anchor 12'		

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:** F Trevino  
**Date:** 03-15-04

## PROPOSED WELL DATA SHEET

**Field:** Weir Blinebry/Skaggs Glorieta **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):** Blinebry/Paddock  
**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

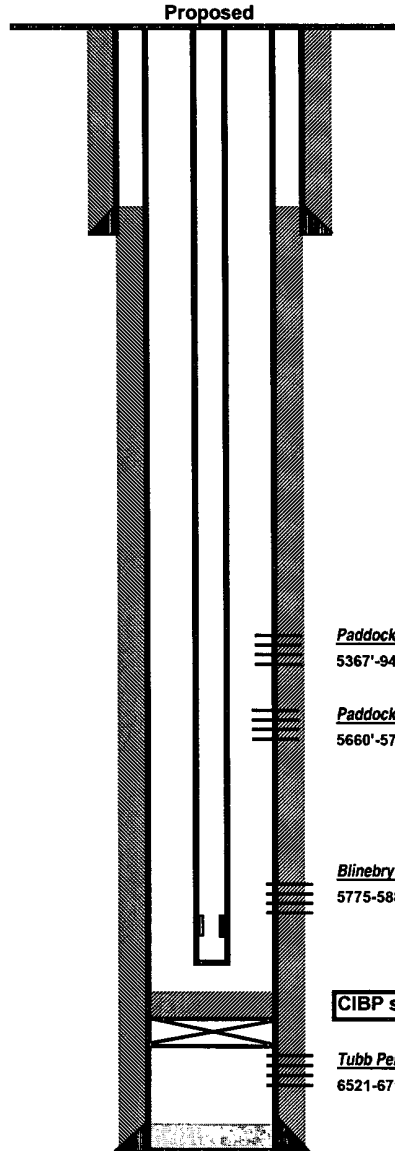
1842 Production Csg.  
 2009 **Size:** 5 1/2"  
 2177 **Wt.:** 15.5#  
 2344 **Set @:** 7208'  
 2512 **Sxs Cmt:** 1020  
 2679 **Circ:** No  
 2847 **TOC:** 1200'  
 3014 **Hole Size:** 7 7/8"

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:** F Trevino  
**Date:** 03-15-04

## Tubing Landing Details

[illegible]

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**

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

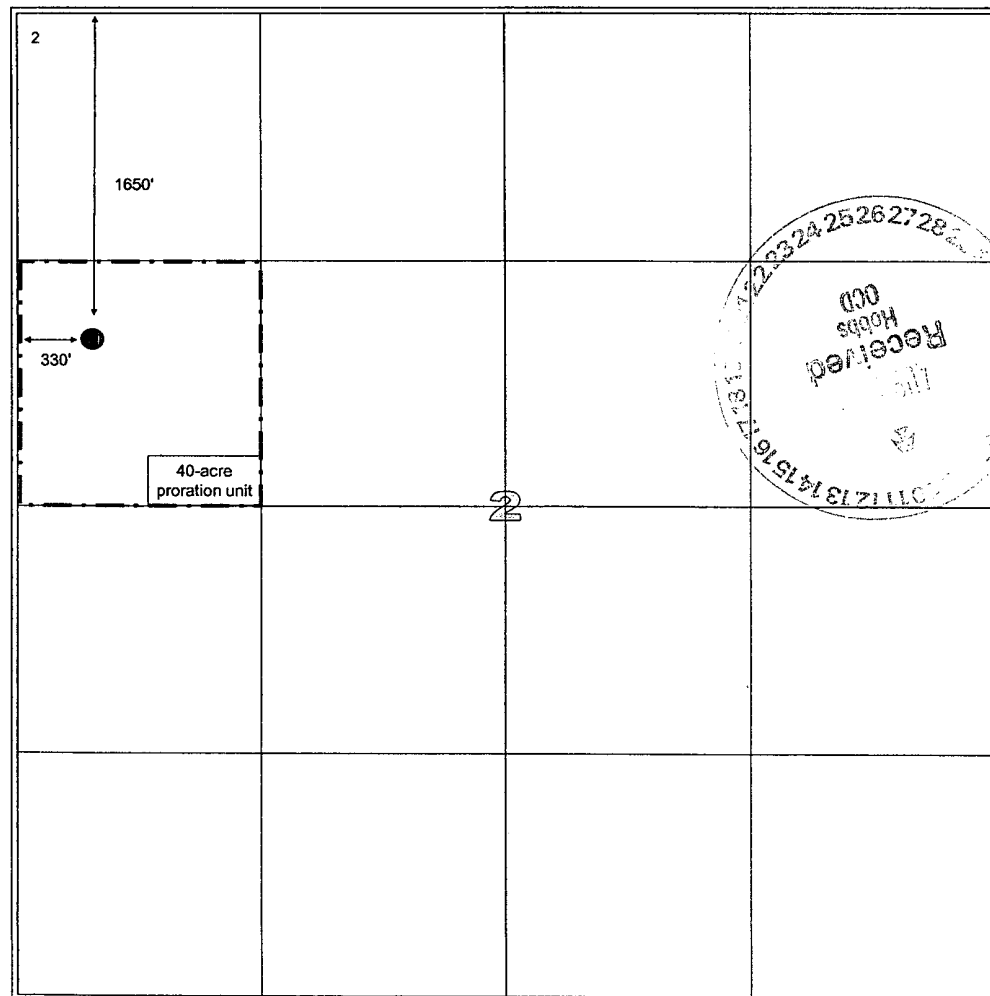
<sup>10</sup> Surface Location

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

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

	<b>OPERATOR CERTIFICATION</b>  <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i>  Signature <u>Keith Lopez</u> Printed Name <b>Keith Lopez</b> Title <b>Petr. Engineer</b> Date <b>July 27, 2006</b>
	<b>SURVEYOR CERTIFICATION</b>  <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:  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

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Santa Fe, NM 87505

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☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-34209	<sup>2</sup> Pool Code 63780	<sup>3</sup> Pool Name Weir Blinbery
<sup>4</sup> Property Code 22114	<sup>5</sup> Property Name HT Orcutt E	<sup>6</sup> Well Number 3
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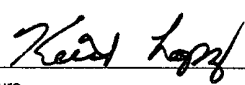
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NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div>2</div> <div>1650'</div> <div>330'</div> <div>40-acre proration unit</div> <div>2</div>	<div>OPERATOR CERTIFICATION</div> <div>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</div> <div></div> <div>Signature</div> <div>Printed Name</div> <div>Title</div> <div>July 27, 2006</div>
	<div><sup>18</sup> SURVEYOR CERTIFICATION</div> <div>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.</div> <div>Signature and Seal of Professional Surveyor:</div> <div>Certificate Number</div>