

Submit 3 Copies To Appropriate District
Office
District I
1625 N French Dr, Hobbs, NM 88240
District II
1301 W Grand Ave, 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
May 27, 2004

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

WELL API NO. 30-025-37887
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name CH Weir B
8. Well Number 13
9. OGRID Number 4323
10. Pool name or Wildcat Tubb/Drinkard

Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type _____ Depth to Groundwater _____ Distance from nearest fresh water well _____ Distance from nearest surface water _____
Pit Liner Thickness: _____ mil Below-Grade Tank: Volume _____ bbls; Construction Material _____

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)

1. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

Chevron U.S.A. Inc.

3. Address of Operator

15 Smith Road Midland, TX 79705

4. Well Location

Unit Letter **0** : **990** feet from the **South** line and **2310** feet from the **East** line
Section **11** Township **20S** Range **37E** NMPM County **LEA**

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3574'

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

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

OTHER: **Amendment; DHC only Tubb/Drinkard w/o Blinebry** ☒

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

13. 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 recompletion.

UNDER THE PROVISION OF RULE 303(C) IT IS PROPOSED TO DOWNHOLE COMMINGLE PRE-APPROVED POOLS, MONUMENT TUBB (PERFS 6346'-6588'), AND SKAGGS DRINKARD (PERFS 6710'-6822') IN THE CAPTIONED WELL. PRODUCTION WILL BE ALLOCATED BACK TO THE TWO POOLS BASED ON THE PERCENTAGES SHOWN IN THE ATTACHED SUPPORT DATA.

RECEIVED

DHC Order No. **HOB-0171-A**

JAN 11 2008

I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) ☐ approved plan ☐.

SIGNATURE  TITLE **PETR. ENGINEER** DATE **1/8/2008**

Type or print name
For State Use Only

E-mail address:

Telephone No.

APPROVED BY:



OC DISTRICT SUPERVISOR/GENERAL MANAGER
TITLE

DATE

Conditions of Approval (if any):

HOBBS OCD

JAN 15 2008



Richard A. Jenkins
Petroleum Engineer
New Mexico Team

Permian Business Unit
Chevron U.S.A. Inc.
15 Smith Road
Midland, TX 79705
Tel 432-631-3281
Fax 432-687-7871
rjdg@chevron.com

January 8, 2008

State of New Mexico
Oil Conservation Division
1625 N. French Drive
Hobbs, New Mexico 88240

Request to AMEND DHC-HOB-0171; CH Weir B # 13 (30-025-37887)

Attention: Oil and Gas Regulatory Department

Chevron U.S.A. Inc. respectfully requests administrative approval for an amendment to Downhole Commingle the Monument Tubb (40790) and the Skaggs Drinkard (57000) in the CH Weir B # 13, API number is 30-025-37887. The #13, is located 990' FSL & 2310' FWL, Unit O, Section 11, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

The CH Weir B # 13 was originally permitted to produce from the Blinbry, Tubb, & Drinkard formations. The #13 was completed by commingling the Tubb & Drinkard formations without the Blinbry. The # 13 is currently flowing 0.7 BOPD, 18 BWPD, and 560 MCFGPD.

The proposed allocation percentages were calculated using offset EUR data, as well as swab data. Attached in support of this request is a well test report, a proposed well schematic diagram for the #13, C107, a C102 form for each pool, and a lease plat.

Chevron is the operator, with 100% working interest in the lease, and the Royalty Interest Owners are the same on each well.

If you require additional information or have any questions, please contact me by telephone at 432-687-7120, or by email at rjdg@chevron.com.

Sincerely,

A handwritten signature in black ink, appearing to read "RJ Jenkins", written over a horizontal line.

Richard A. Jenkins
Petroleum Engineer

Enclosure

cc: Denise Pinkerton
Denise Beckham

Request for Amendment of DHC-HOB-0171

Operator

Chevron U.S.A., Inc.
P. O. Box 1150
Midland, TX 79702

Lease Name and Well Number

30-025-37887

CH Weir B # 13
990' FSL & 2310' FEL, Unit Letter O
Section 11, T20S, R37E
Lea County, New Mexico

Division Order

Pre-approved Pools or Areas established by division order # R-11363, Amendment to DHC. HOB-0171

Pools To Be Commingled In ~~Jayhawk 35 #3~~ CH Weir B # 13

(47090) Monument Tubb (Oil)
(57000) Skaggs Drinkard (Oil)

Perforated Intervals

Monument Tubb (6346'-6588')
Skaggs Drinkard (6710'-6822')

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>Remarks</u>
Tubb	0.11	11	375	Calculated from Allocations
Drinkard	0.09	2	185	Calculated from Allocations
Totals	0.20	13	560	CH Weir B # 13(1/2/2008)

<u>Allocated %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Gas %</u>	<u>Remarks</u>
Tubb	55	85	67	Based off of offset EUR data
Drinkard	45	15	33	Based off of offset EUR data
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

The well is on a Fee lease

District I
1625 N French Drive Hobbs NM 88240
District II
1301 W Grand Avenue, Artesia NM 88219
District III
1000 Rio Brazos Road Aztec, NM 87410

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
District IV
1220 S St Francis Dr Santa Fe NM 87505

APPLICATION FOR DOWNHOLE COMMINGLING

EXISTING WELLBORE
☒ Yes ☐ No

Chevron Corporation 15 Smith Road, Midland TX 79705
Operator Address
CH Weir B #13 O-11-20S-37E Lea
Lease Well No Unit Letter-Section-Township-Range County

OGRID No. 4323 Property Code 29920 API No. 30-025-37887 Lease Type: Federal State X Fee

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	Monument Tubb	-	Skaggs Drinkard
Pool Code	47090	-	57000
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	6346'-6588'	-	6710'-6822'
Method of Production (Flowing or Artificial Lift)	Flowing	-	Flowing
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)	1400# From Build-up Test	-	2200# From Build-up Test
Oil Gravity or Gas BTU (Degree API or Gas BTU)	36°	-	36°
Producing, Shut-In or New Zone	Producing	-	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: Produced 1/2/2008 Oil Gas .11 BOPD 375 MCFPD	-	Date: Produced 1/2/2008 Oil Gas .09 BOPD 185 MCFPD
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 55% 67%	-	Oil Gas 45% 33%

ADDITIONAL DATA

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes X 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 X No
Will commingling decrease the value of production? Yes No X
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 TITLE Petroleum Engineer DATE 1/8/2008
TYPE OR PRINT NAME Richard A. Jenkins TELEPHONE NO. (432) 687-7120
E-MAIL ADDRESS rjdg@chevron.com

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 Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies
2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-37887	² Pool Code 57000	³ Pool Name Skaggs Drinkard
⁴ Property Code 29920	⁵ Property Name CH Weir B	⁶ Well Number 13
⁷ OGRID No 4323	⁸ Operator Name Chevron U.S.A., Inc.	⁹ Elevation 3574'

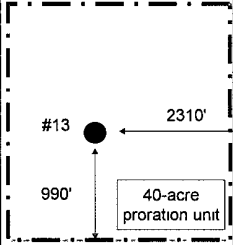
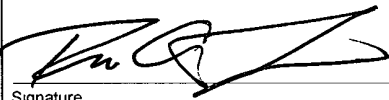
¹⁰ Surface Location

UL or Lot No	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	11	20S	37E		990	South	2310	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 HOB_0171						

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

	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 Richard A. Jenkins Printed Name Petr. Engineer Title 1/8/2008
	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
	Certificate Number

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

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State of New Mexico
Energy, Minerals & Natural Resources Department

Form C-102
Revised March 17, 1999

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

2040 South Pacheco
Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-37887	² Pool Code 40790	³ Pool Name Monument Tubb
⁴ Property Code 29920	⁵ Property Name CH Weir B	⁶ Well Number 13
⁷ OGRID No 4323	⁸ Operator Name Chevron U.S.A., Inc.	⁹ Elevation 3574'

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
O	11	20S	37E		990	South	2310	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 HOB_0171						

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	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
	Certificate Number

C.H. Weir B #13

Location:

990' FSL & 2310' FEL, Sec-11 T-20S, R-37E
Unit Letter: O
Field: Weir East/Monument/Skaggs
County: Lea
State: NM

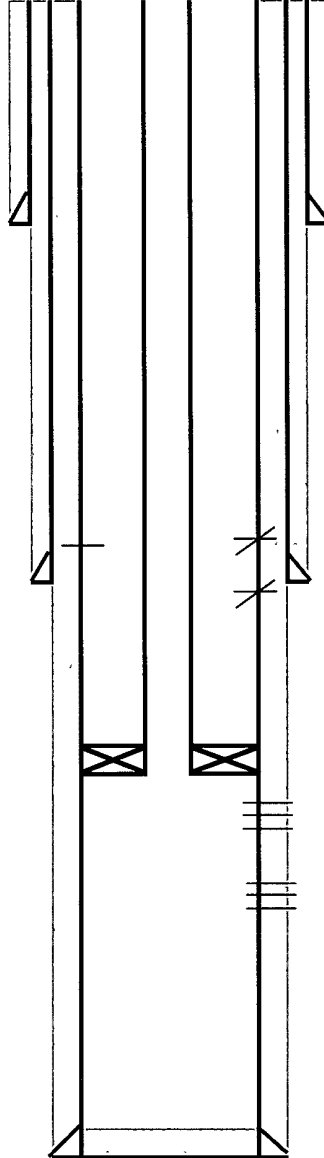
Well Info:

Spud Date: 9/13/2007
API: 30-025-37887
Cost Center: UCU939510
WBS#: UWDP5-D7510
RefNO: JD2774
Lease: Fee

Proposed Wellbore Diagram

Elevations:

DF: 16'
KB: 17'
GL: 3574'



Surface Casing

Size: 11 3/4", 42#, H-40 ST&C
Set @: 540'
With: 310 sx
Hole Size: 14 3/4"
TOC @: Surface
By: Circulation

Intermediate Casing

Size: 8 5/8", 32#, J-55 LTC
Set @: 2835'
With: 790 sx
Hole Size: 11"
TOC: Surface
By: Circulation

2300'-02' - circulated to surface

2900'-02' - sqz perms (bullhead)

Tubb 6346'-6588'

Drinkard 6710'-6822'

Production Casing

Size: 5 1/2", 17#, L-80 LTC
Set @: 7535'
With: 1260 sx
Hole Size: 7 7/8"
TOC: 3270'
By: CBL

PBTD: 7440' (float collar)
TD: 7535'

Updated: 5-Dec-07
By: rjdg

<u>Lease Well Name</u>	<u>Date</u>	<u>Oil</u>	<u>Water</u>	<u>Total Gas</u>
CHWEIRB13DHC	1/7/2008	0.2	14	563
CHWEIRB13DHC	1/6/2008	0.3	14	549
CHWEIRB13DHC	1/5/2008	0.4	13	561
CHWEIRB13DHC	1/2/2008	0.7	18	560
CHWEIRB13DHC	1/1/2008	0.6	16	564
CHWEIRB13DHC	12/31/2007	0.2	21	566
CHWEIRB13DHC	12/28/2007	0	25	526
CHWEIRB13DHC	12/27/2007	0	27	468
CHWEIRB13DHC	12/26/2007	0	20	478
CHWEIRB13DHC	12/25/2007	0	33	460
CHWEIRB13DHC	12/24/2007	0	52	371

