MM

DMAM1426158134

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



Cherreramurillo@chevron.com

e-mail Address

# 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] **TYPE OF APPLICATION** - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication  $\square$  NSL  $\square$  NSP  $\square$  SD Check One Only for [B] or [C] Commingling - Storage - Measurement [B] □ DHC □ CTB □ PLC □ PC □ OLS □ OLM Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [C] □ WFX □ PMX □ SWD □ IPI □ EOR □ PPR [D] Other: Specify **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or  $\square$  Does Not Apply [2] [A] Working, Royalty or Overriding Royalty Interest Owners -HAYLUNST 162527 [B] Offset Operators, Leaseholders or Surface Owner Application is One Which Requires Published Legal Notice [C] [D] Notification and/or Concurrent Approval by BLM or SLO U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office For all of the above, Proof of Notification or Publication is Attached, and/or, [E]Waivers are Attached [F] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE [3] 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. enda Nerra-Muilo 09/15/2014 Cindy Herrera-Murillo Date Print or Type Name



Cindy Herrera-Murillo Regulatory Specialist Midcontinent BU

Chevron North America Exploration and Production Company (A Chevron U.S.A. Inc. Division) 1616 W. Bender Blvd Hobbs FMT, Hobbs, NM 88240 Tel 575-263-0431 Cherreramurillo@chevron.com

September 15, 2014

Oil Conservation Division Attn: Engineering Department 1220 S. St. Francis Drive Santa Fe, NM 87505

Application for surface commingling, Wildcat Bone Spring Pool (97816), Eddy County, NM (T25S, R27E, Sec 16)

Dear Sirs,

Chevron USA Inc. respectfully gives notice of intend to amend the Commingle Order CTB-685-A, oil, gas and water production from the Wildcat Bone Spring Pool through Chevron's Hayhurst 16 Central Battery. CTB-685A was approved on August 26, 2014. Wells producing to this battery include the Chevron Hayhurst 16 State 1H and the Hayhurst 16 State 2H, Hayhurst 16 State 3H and will include the Hayhurst 16 State #4H, (which will be horizontally drilled in the fall of 2014). These wells are located in Section 16, T25S-R27E, Eddy County, New Mexico. APDs for each well, which includes surface plats, are included with this notification.

The working interest and royalties are the same in all wells and all leases. (100% Chevron, WI/83.33% NRI). These wells will be horizontally drilled in the fall of 2014. As such the wells will be allocated by monthly well test with Coriolis on oil and EFM on gas on each well. A schematic showing this configuration is attached.

Names of all WIO and RIO for each well are included with this request, and all of these owners are being notified of this request and that each will have 20 days with which to object to the commingling request per NMOCD Rule 19.15.12.10 Surface Commingle C (4) c.

Sincerely,

Cindy Herrera-Murillo Permitting Specialist

lanna-Murillo



Cindy Herrera-Murillo Regulatory Specialist Midcontinent BU Chevron North America
Exploration and Production Company
(A Chevron U.S.A. Inc. Division)
1616 W. Bender Blvd
Hobbs FMT, Hobbs, NM 88240
Tel 575-263-0431
Cherreramurillo@chevron.com

September 15, 2014

Re: Application for Surface Commingling Hayhurst 16 Central Tank Battery Section 16, T25S, R27E Eddy County, New Mexico

State of New Mexico Commissioner of Public Lands Royalty Interest Owner,

Dear Sirs,

Chevron USA Inc. respectfully gives notice of intend to amend the Commingle Order CTB-685-A, oil, gas and water production from the Wildcat Bone Spring Pool through Chevron's Hayhurst 16 Central Battery. CTB-685A was approved on August 26, 2014. Wells producing to this battery include the Chevron Hayhurst 16 State 1H and the Hayhurst 16 State 2H, Hayhurst 16 State 3H and will include the Hayhurst 16 State #4H, (which will be horizontally drilled in the fall of 2014). These wells are located in Section 16, T25S-R27E, Eddy County, New Mexico. APDs for each well, which includes surface plats, are included with this notification.

The working interest and royalties are the same in all wells and all leases. (100% Chevron, WI/83.33% NRI).

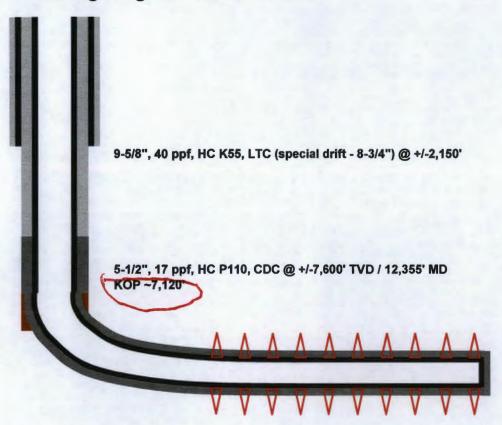
Any objections to this commingle must be sent to the New Mexico Oil Conservation Division; 1220 South St. Francis Drive; Santa Fe, NM 87504, within 20 days of receipt of this notification. If you require additional information, please contact me at 575-263-0431, or by email at cherreramurillo@chevron.com.

Sincerely,

Cindy Herrera-Murillo Permitting Specialist

ind Herrera-Murillo

# Hayhurst 16 State 4H Drilling Program "Quick-Look"



# **General Drilling Procedure**

- Currently 10' cylindrical cellar installed with 80' of 20" conductor pipe set.
- MIRU
- N/U on 20" conductor and drill 12-1/4" surface hole with fresh water to 2,150'.
- Run 9-5/8"-40#-HC K55-LTC casing and cement with a lead and tail system. Install 11" 5M SH-2R wellhead on hanger.
- N/U and test BOPE to 250 psi / 5,000 psi.
- Drill 8-3/4" production hole to KOP of 7,120'.
- Drill 8-3/4"build & 8-3/4" lateral hole to +/-12,355' in pay zone.
- TOH with no lateral logs planned.
- Run 5-1/2" 17# HC P110 LTC casing and cement with a Class "H" lead and tail system
- RDMO and turn well over for completion.

Delaware River: 16, 25S, 27E Eddy County. New Mexico

Hole Size	Mud	Bits
12-1/4"	Fresh water/Brine 9.4/10.0 ppg	PDC
8-3/4"	Cut Brine/LSND 8.6-8.8 ppg	PDC

<u>District I</u>
1625 N. Prench Dr., Hobbs, NM 88240
Phone: (373) 393-6161 Fax: (375) 393-0720
<u>District II</u>
811 S. Pirat St., Artesia, NM 88210
Phone: (375) 748-1283 Fax: (575) 748-9720
<u>District III</u>

1000 Rio Brazos Road, Asseo, NM 87410 Phone: (505) 334-6178 Fax: (505) 334-6170 District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

## State of New Mexico

Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

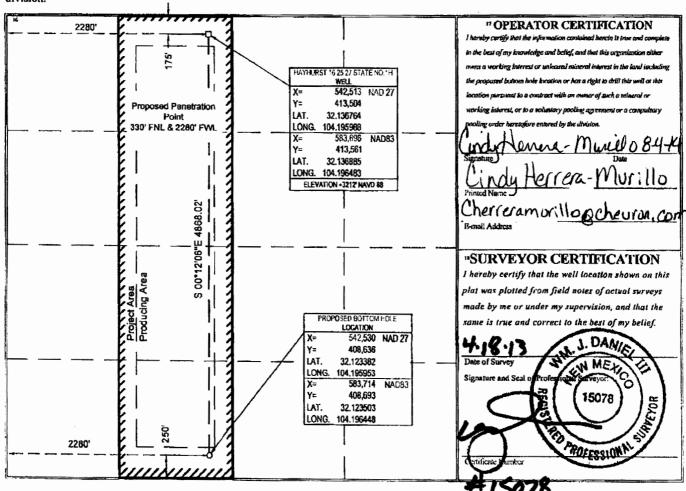
AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

	API Nun	ber	<sup>2</sup> Pool Co	ode	Pool Name					
1	30-015-41	120	97816	j	WILDCAT G-02 S2527 15A; BONE SPRING					
4 Proper	Property Code SPro				operty Name				6 Well Number	
397	26	6 HAYHURST 16 25 27 STATE					1 <b>H</b>			
OGRI	Operator Name					Elevation				
432	4323 CHEVRON U.S.A. INC.						3212'			
				∞ Sur	face Locati	on				
UL or lot no.	ot no. Section Township Range Lot Ida Feet from the North/South line Feet from the Fast/W					Vest line	County			
С	16	25 SOUTH	27 EAST, N.M.P.M.		175'	NORTH	2280'	WEST		EDDY
			" Bottom H	ole Locat	ion If Diffe	erent From S	urface			

UL or lot so. Lot Idn Feet from the North/South line Foot from the East/West line County Section Township Range 25 SOUTH SOUTH 2280 WEST **EDDY** 27 EAST, N.M.P.M. 250' 2 Dedicated Acres Joint or Infill 4 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.



District 1
1625 N. Prench Dr., Hobbs, NM 88240
Phone: (375) 393-6161 Faz: (575) 393-0720
District II
811 S. First St., Artesie, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Rosd, Aztec, NM 87410
Phone: (505) 334-6178 Pax: (505) 334-6170
District IV
1220 S. St. Prancis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

☐ AMENDED REPORT

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

	112220011111111111111111111111111111111								
API Numbe	r Pool Code	<sup>3</sup> Pool Name							
30-015-4112	97816	WILDCAT G-02 S2527 15A; BONE	SPRING						
<sup>4</sup> Property Code	' Pr	oporty Name	<sup>6</sup> Well Number						
39726	HAYHURS	HAYHURST 16 25 27 STATE							
OGRID No.	¹ O <sub>1</sub>	perator Name	9 Elevation						
4323	CHEVR	ON U.S.A. INC.	3200'						

"Surface Location

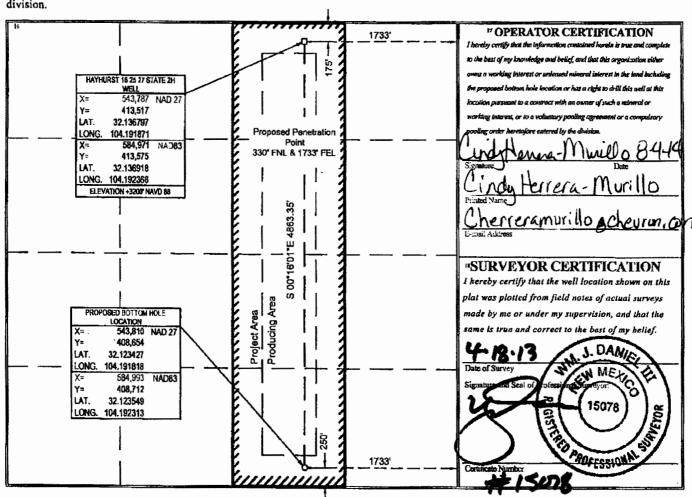
UL or lot no. Section Township Range Lot tdn Feet from the North/South line Feet from the East/West line County

B 16 25 SOUTH 27 EAST, N.M.P.M. 175' NORTH 1733' EAST EDDY

"Bottom Hole Location If Different From Surface

	Bottom Hole Location in Different From Surface										
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	Bast/West line	County		
0	16	25 SOUTH	27 EAST, N.M.P.M.		250'	SOUTH	1733'	EAST	EDDY		
12 Dedicated A	cres <sup>13</sup> Joir	t or laftil	14 Consolidation Code 15	Order No.	J. 10						
160											

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.



District 1
1625 N. French Dr., Hobbs, NM 88240
Phone: (375) 393-6161 Fax: (375) 393-0720
<u>District 18</u>
211 S. Pirst St., Ancaia, NM 88210
Phone: (375) 748-1283 Pax: (375) 748-9720
<u>District 181</u>
1000 Rio Brazzos Road, Artec, NM 87410
Phone: (305) 334-6178 Fax: (505) 334-6170
<u>District IV</u>,
1220 S. St. Prancist Dr., Sanz Fe, NM 87335

Phone: (505) 476-3460 Fax; (505) 476-3462

# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

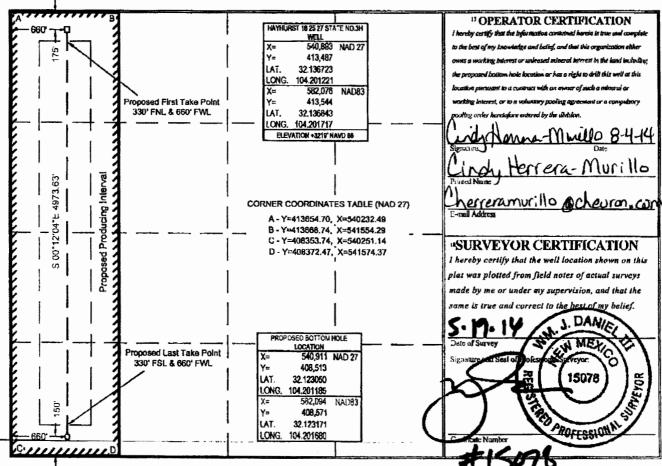
☐ AMENDED REPORT

WE	LL LUCATION AND	D ACKEAGE DI	DICATION PLAT	
91	97816	Wildcat	6025252715A	l:Bone Sprin
	3	Pennecty Name		Well Number

UL or lot no. Section Township Range Lot Idn Feet from the North/South line Feet from the East/West line County
D 16 25 SOUTH 27 EAST, N.M.P.M. 175' NORTH 660' WEST EDDY

"Bottom Hole Location If Different From Surface UL or lot no. Section Lot Idn Peet from the North/South line Peet from the Best/West line County **EDDY** 16 25 SOUTH 27 EAST, N.M.P.M. 150 SOUTH 660 WEST 12 Dedicated Acres 13 Joint or Infill 13 Order No. Consolidation Code

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.



District I 1625 N. Prench Dr., Hobbs, NM 88240 Phone: (575) 393-6161 Part: (575) 393-0720 811 S. Picet St., Arterio, NM 88210 Phone: (575) 748-1283 Fax: (575) 748-9720 District III 1000 Rio Brazos Road, Aziec, NM 87410

Phone: (505) 334-6178 Fax: (505) 334-6170

1220 S. St. Francis Dr., Senia Pe, NM \$7505 Phone. (505) 476-3460 Fax: (505) 476-3462

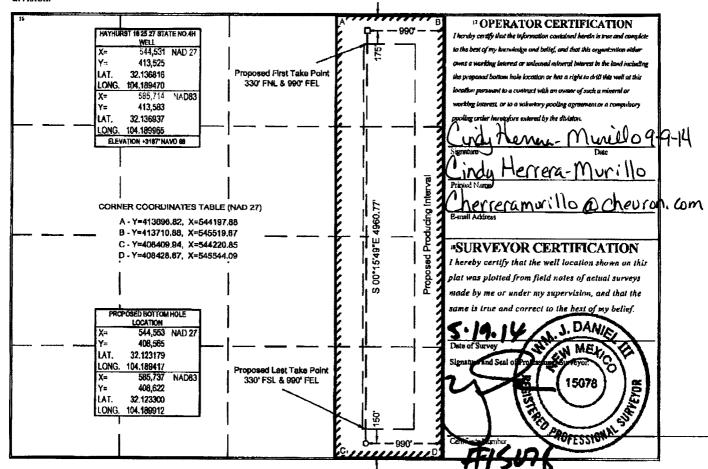
# State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION 1220 South St. Francis Dr. Santa Fe, NM 87505

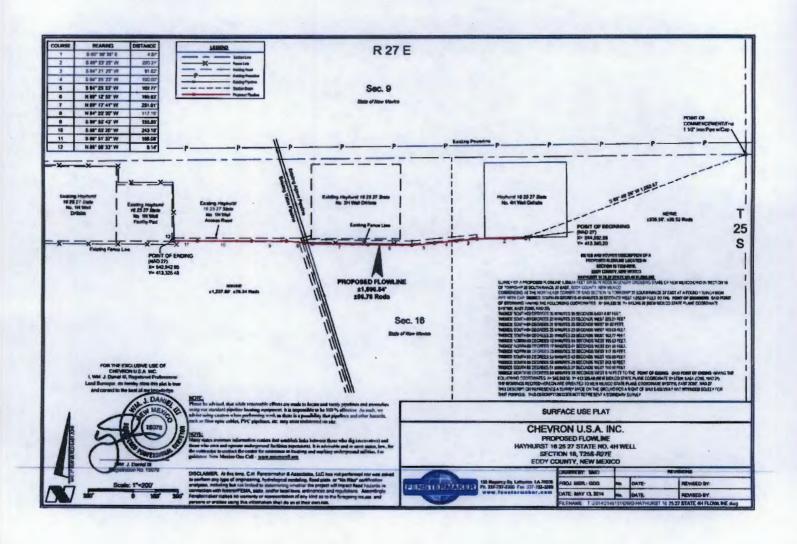
Form C-102 Revised August 1, 2011 Submit one copy to appropriate District Office

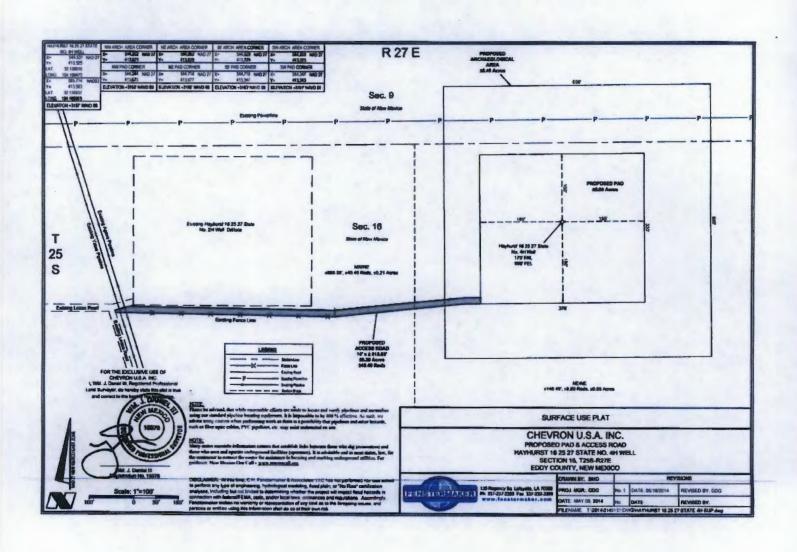
■ AMENDED REPORT

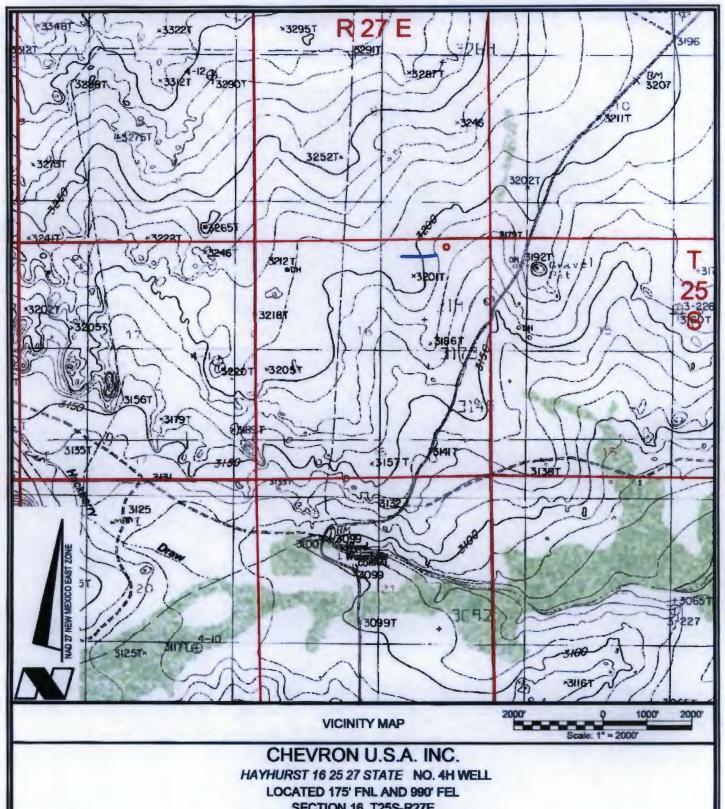
			WELL LOCAT	ION AND	ACREAG	E DEDICAT	TION PLA	<u>T</u>		
300	15-4	<b>2</b> 55.	3 9781	Code	WILDE	AT GO2	5252°	วีเรA	: BONG	ESPRIN
Proper	ty Code			5 P.	roperty Name				<sup>6</sup> Weil Number	
391	26	_1		HAYHUR:	ST 16 25 27 ST	ATE				4H
11 200R	ID No.			10	perator Name				<sup>9</sup> Elevation	
45.	23			CHEVR	IN A.Z.U NO	C,			3187'	
				10 Sur	face Locat	ion				
UL or los no.	Section	Township	Runge	Lot Idn	Feet from the	North/South line	Feet from the	Enst/	West line	County
Α	16	25 SOUTH	27 EAST, N.M.P.M.		175'	NORTH	990'	EA	ST	EDDY
			n Bottom I	Hole Locat	ion If Diffe	erent From S	urface			
UT, or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	Eust/	Vest line	County
P	16	25 SOUTH	27 EAST, N.M.P.M.		150'	SOUTH	990'	EA	ST	EDDY
Dedicated A	cres 13 Joi	nt or lafill	14 Consolidation Code	13 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.









**SECTION 16, T25S-R27E EDDY COUNTY, NEW MEXICO** 



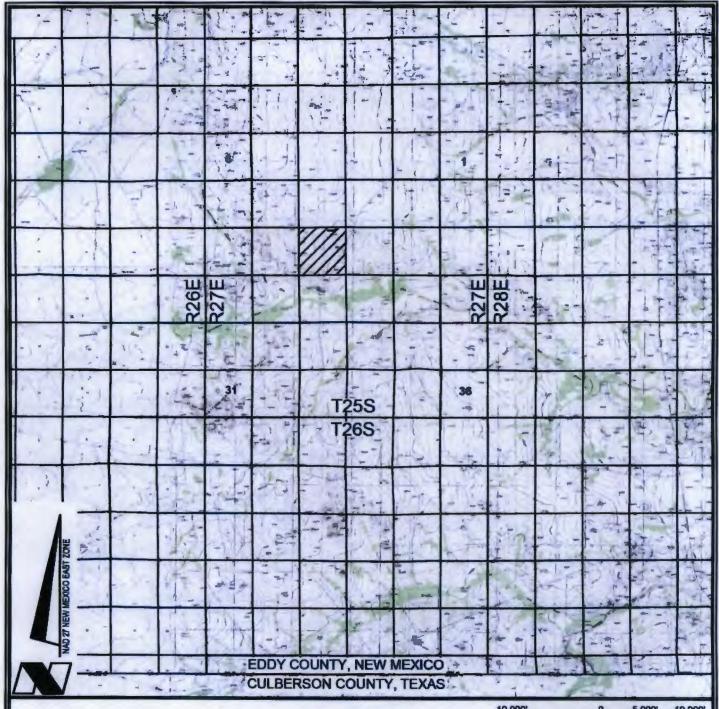
Lafayette New Orleans Houston 135 Regency Sq. Lafayette, LA 70508 Ph. 337-237-2200 Fax. 337-232-3299 www.fenstermeker.com

DRAWN BY: BMO PROJ. MGR.: GDG

REVISED: DATE: MAY 09, 2014

SHEET 1 OF 3 SHEETS

FILENAME: T:\2014\2145151\DWG\HAYHURST 16 25 27 STATE 4H APD.dwg



VICINITY MAP

# 10,000' 0 5,000' 10,000' Scale: 1" = 10,000'

# CHEVRON U.S.A. INC.

HAYHURST 16 25 27 STATE NO. 4H WELL LOCATED 175' FNL AND 990' FEL SECTION 16, T25S-R27E EDDY COUNTY, NEW MEXICO



Lzfayette New Orleans Houston 135 Regency Sq. Lzfayette, LA 70508 Ph. 337-237-2200 Fax. 337-232-3299 www.fenstermaker.com DRAWN BY: BMO

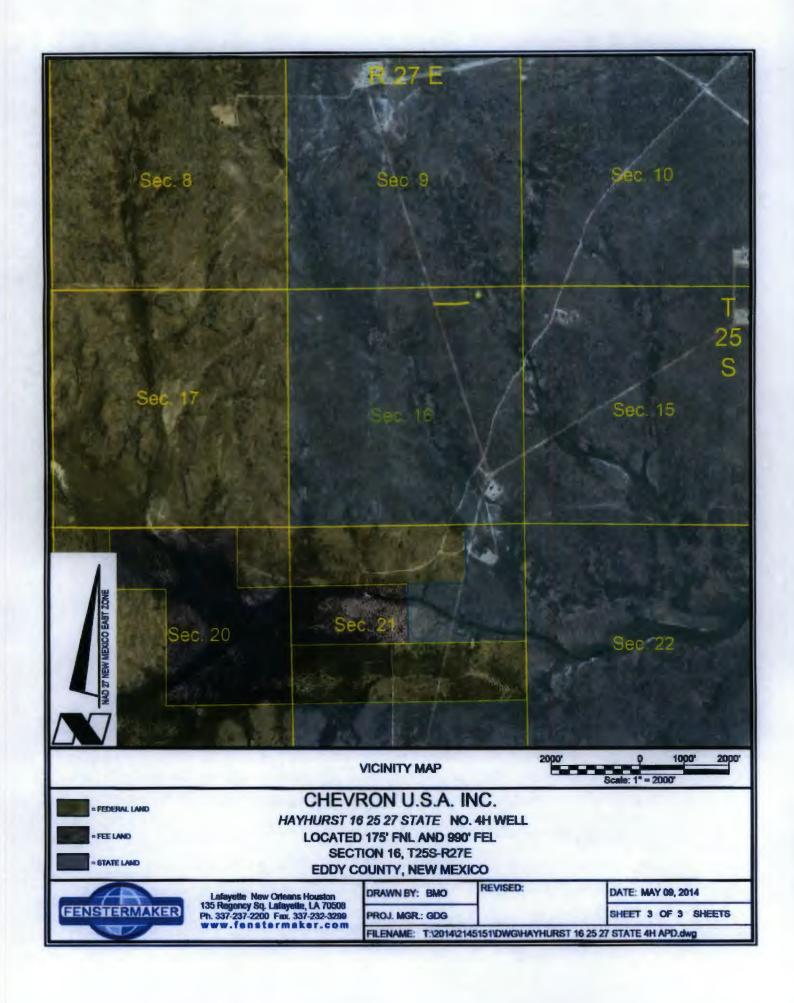
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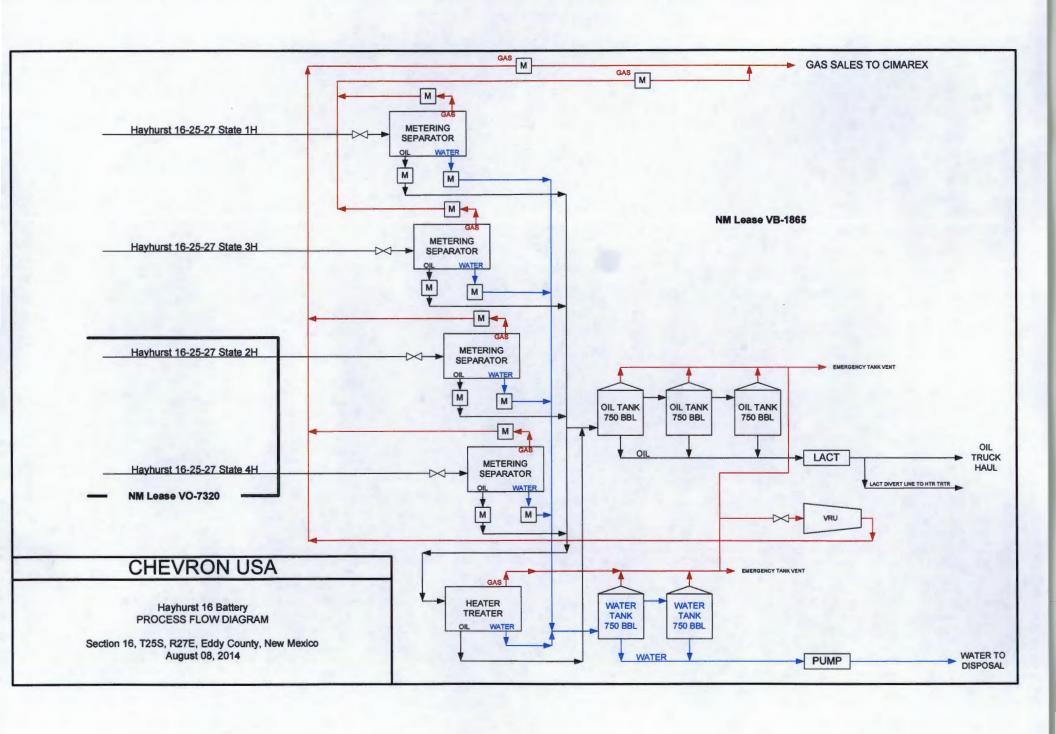
DATE: MAY 09, 2014

PROJ. MGR.: GDG

SHEET 2 OF 3 SHEETS

FILENAME: T:\2014\2145151\DWG\HAYHURST 16 25 27 STATE 4H APD.dwg





## Hayhurst 16 State #1H, #2H, #3H and #4H

### Owner Information

Hayhurst 16 State #1H, #2H, #3H and #4H Commingling Permit
State of New Mexico Leases VB-1865 (W/2 of Section 16, T25S, R27E, Eddy Co., NM) & VO-7320 (E/2 of Section 16, T25S, R27E, Eddy Co., NM)
Section 16, T25S, R27E
Eddy County, New Mexico

Interest Type	<u>Name</u>	<u>ADDRESS</u>	<u>CITY</u>	STATE CODE	ZIP CODE
✓ Working Interest	Chevron U.S.A. Inc.	PO Box 2100	Houston	TX	77252-2100
√Royalty Interest	State of New Mexico	PO Box 1148	Santa Fe	NM	87504-1148

The royalty and working interest owners are same in all of the wells and both leases listed above. I verify that the above information is correct.

James Laning, CPL

5

# State of New Mexico Energy, Minerals and Natural Resources Department

Susana Martinez Governor

David Martin Cabinet Secretary

Brett F. Woods, Ph.D. Deputy Cabinet Secretary Jami Balley, Division Director Oil Conservation Division



# ADMINISTRATIVE CENTRAL TANK BATTERY ORDER

Administrative Order CTB-685-A
Administrative Application Reference No. pMAM1421855774

August 26, 2014

CHEVRON U.S.A. INC.

Attention: Ms. Cindy Herrera-Murillo

Chevron U.S.A. Inc. requests an amendment to Division Order No. CTB-685 to add the Hayhurst 16 25 27 State Well No. 3H well to the existing order. This request is approved, and Chevron U.S.A. Inc. (OGRID 4323) is hereby authorized to surface commingle oil and gas production from Wildcat G-02 S2527 15A; Bone Spring (97816), and from the following leases and wells:

Name		API No.		Footages		
ULSTR				Mark Salts		
Hayhurst 16 25 27 State	Well No.1H	30-015-4	1120	175 FNL &	2280 F	WL
C-16-25S-27E						
Hayhurst 16 25 27 State	Well No.2H	30-015-4	1121	175 FNL &	: 1173 F	ŒL
B-20-19S-25E						4.50
Hayhurst 16 25 27 State	Well No.3H	30-015-4	2491	175 FNL 8	660 F	WL
D-20-19S-25E						

### All in NMPM, Eddy County, New Mexico

The commingled oil and gas production from the wells detailed above shall be measured and sold at the Hayhurst 16 25 27 State Well No. 1H central tank battery (CTB), located in Unit C, Section 16, Township 25 South, Range 27 East, NMPM, Eddy County, New Mexico.

The oil and gas production from each well shall be continuously measured with allocation meters before commingling with production from other wells. The allocation meters shall be calibrated quarterly in accordance with Rule 19.15.12.10.C (2) NMAC.

This installation shall be installed and operated in accordance with the applicable Division Rules. It is the responsibility of the producer to notify the transporter of this commingling authority.

The operator shall notify the Artesia District office of the Division prior to implementation of the commingling operations.

This order supersedes Order No. CTB 685, issued November 12, 2013.

August 26, 2014 Page 2

This approval is subject to like approval from the New Mexico State Land Office before commencing commingling operations.

DONE at Santa Fe, New Mexico, on August 26, 2014

Jami Bailey

**Division Director** 

JB/mam

cc: Oil Conservation Division - Artesia

New Mexico State Land Office - Oil, Gas, and Minerals