District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Form C-107-B
Revised August 1, 2011

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Chevron USA Inc
OPERATOR ADDRESS: 6301 Deauville Blvd Midland, TX 79706
APPLICATION TYPE:

☐ Pool Commingling ☐ Lease Commingling ☒ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☐ Yes ☒ No If "Yes", please include the appropriate Order No. _____
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Upper Wolfcamp (98065)	48.6 API/2200 BTU	COMMINGLED GRAVITY/ BTU CONTENT 47 API/ 2200 BTU		N/A	
Jennings Upper Bone Spring (97838)	45.6 API/2200 BTU				

(2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☒ Metering ☐ Other (Specify)
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Cindy Herrera-Murillo TITLE: Sr HSE Regulatory affairs Coordinator DATE: 06/14/2023

TYPE OR PRINT NAME Cindy Herrera-Murillo TELEPHONE NO.: 575-263-0431

E-MAIL ADDRESS: eeof@chevron.com

Chevron North America
Exploration and Production Company
(A Chevron U.S.A. Inc. Division)
6301 Deauville Blvd
Midland, TX 79706

June 14, 2023

RE:
Application to commingle the WC-025 G-08 S263205N Upper Wolfcamp (Pool Code 98065), Jennings Upper Bone Spring Shale (Pool Code 97838), WC-025 G-08 S253235G; Lwr Bone Spring (Pool code 97903) pools, Lea County, NM.

Chevron U.S.A. Inc. seeks administrative approval, pursuant to 19.15.12.10 NMAC, for pool commingling of oil and gas production from the Pools to include all existing and future wells producing from the leases described in Exhibit A.

Exhibit B below is a map of all leases described in Exhibit A. Of note, the wells in Exhibit A are planned to be aggregated into a single Communitization (COMM) Agreement (COMM number TBD). Leases aggregated under the proposed COMM Agreement (COMM number TBD) are explicitly noted in Exhibit B.

Chevron U.S.A. Inc. ("Chevron") respectfully requests authority to commingle production from all wells, including any future infill wells contained within the leases or pools described in Exhibit A, Exhibit B, and/or COMM Agreement (COMM number TBD). Chevron requests authority to add future wells by filing a Subsequent Report Sundry to the Bureau of Land Management for Federal approval and filing a C-103Z and C-102 with the NMOCD.

Pursuant to 19.15.12.10.C.(4)(g) NMAC, Chevron also seeks approval to prospectively include additional pools and/or leases. All owners with interest in the leases in Exhibits A and B have been notified of this commingle application and the parameters set forth herein. Accordingly, notice under this provision will only be required to owners of additional pools and/or leases.

All wells and future wells governed by this commingling application are planned to tie into the following facilities:

- Salado Draw Section 23 CTB, located in the SESW (UL:N & O), Sec. 23, T26S-R32E.
- Salado Draw Section 14 Satellite, located in NENW (UL:C), Sec. 14, T26S-R32E.
- Salado Draw Section 15 Satellite, located in NWSE (UL:J), Sec. 15, T26S-R32E.

Commingled gas will be used for gas lift purposes downstream of the commingling point and in concert with appropriate BLM approvals.

Table 1: Salado Draw Sec 23 CTB Well List

Well Name	API Number
SD WE 14 Federal P5 1H	30-025-42800
SD WE 14 Federal P5 2H	30-025-42801
SD WE 23 Federal P5 1H	30-025-42802
SD WE 23 Federal P5 2H	30-025-42803

SD WE 14 Federal P7 3H	30-025-43086
SD WE 14 Federal P7 4H	30-025-43087
SD WE 23 Federal P7 3H	30-025-43088
SD WE 23 Federal P7 4H	30-025-43089
SD WE 15 Federal P9 5H	30-025-43640
SD WE 15 Federal P9 6H	30-025-43641
SD WE 15 Federal P9 7H	30-025-43642
SD WE 15 Federal P12 1H	30-025-43613
SD WE 15 Federal P12 2H	30-025-43594
SD WE 15 Federal P12 3H	30-025-43595
Kiehne Ranch 15 26 32 USA 1H	30-025-40602
SD WE 23 Federal P25 5H	30-025-43460
SD WE 23 Federal P25 6H	30-025-43461
SD WE 23 Federal P25 7H	30-025-43462

Table 2: Salado Draw Sec 14 Satellite Well List

Well Name	API Number
SD 14 23 Federal P18 9H	30-025-45867
SD 14 23 Federal P18 10H	30-025-45819
SD 14 23 Federal P18 11H	30-025-45820
SD 14 23 Federal P18 12H	30-025-45821
SD 14 23 Federal P19 17H	30-025-45706
SD 14 23 Federal P19 18H	30-025-45825
SD 14 23 Federal P19 19H	30-025-45707
SD 14 23 Federal P19 20H	30-025-45826
SD 14 23 FED P343 421H	30-025-49785
SD 14 23 FED P343 422H	30-025-49786
SD 14 23 FED P343 423H	30-025-49787
SD 14 23 FED P344 424H	30-025-49788
SD 14 23 FED P344 425H	30-025-49789
SD 14 23 FED P344 426H	30-025-4979

Table 3: Salado Draw Sec 15 Satellite Well List

Well Name	API Number
SD 15 Federal P418 8H	30-025-46726
SD 15 Federal P418 9H	30-025-46728
SD 15 Federal P418 10H	30-025-46729
SD 15 Federal P419 11H	30-025-46730
SD 15 Federal P419 12H	30-025-46731
SD 15 Federal P419 13H	30-025-46810
SD 15 Federal P419 14H	30-025-46732

List of Exhibits

Exhibit A – Lease and pool tables
Exhibit B - Lease map
Exhibit C – Section 23 CTB narrative
Exhibit D - Section 23 CTB, Sat 4, & Sat 15 Oil and Gas Allocation Methodology
Exhibit E - Section 23 CTB Site Security Diagram
Exhibit F - Section 14 Satellite & Section15 Satellite Narrative
Exhibit G – Section 14 Satellite Site Security Diagram
Exhibit H – Section 15 Satellite Site Security Diagram
Exhibit I – Salado Draw Area Map
Exhibit J – C-102s
Exhibit K – Interest Owner Name & Address/Proof of Notifications/Publications

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Exploration and Production Company
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6301 Deauville Blvd
Midland, TX 79706

June 14, 2023

Exhibit C – Section 23 CTB Narrative

Oil Processing & Metering
Salado Draw Section 23 Central Tank Battery (CTB) is located in the SESW of Section 23 T26S, R32E. Raw hydrocarbon liquids will be onboarded at Section 23 CTB either directly from well flowlines or via the bulk liquids lines from Salado Draw Section 14 Satellite and Salado Draw Section 15 Satellite respectively. Salado Draw Section 23 CTB has three separation trains. Each train consists of an Inlet Separator, a Heater Production Separator, and a Heater Treater arranged in a series configuration. Oil is successively separated by these vessels within each train. Once commingled oil is separated, it is sent to common on-site oil tanks and sold through one of three common LACT units (SN: 0606364186, 1804736081, & 324312) located at the Section 23 CTB.

Gas Processing & Metering
Salado Draw Section 23 Compressor Station (CS) is located immediately adjacent to Section 23 CTB in the SESW of Section 23 T26S, R32E. Gas is separated from liquids at the Section 23 CTB within each train via successive separation vessels. Once separated, gas is collected into a common low pressure gas header where it is either metered by a parallel pair of orifice meters for sales (S/Ns: D1000005 & 150043483) or compressed at Section 23 CS and circulated into the Salado Draw Gas Lift distribution network for infield gas lift use. All wells referenced in this sundry application consume gas from the Salado Draw Gas Lift distribution network for the purposes of gas lift. Individual well's gas lift volumes are measured via dedicated gas lift orifice meters (one per well); meter serial numbers are noted in the tables below.

Table 1: Salado Draw Sec 23 CTB Well List

Well Name	API Number	Gas Lift Meter S/N
SD WE 14 Federal P5 1H	30-025-42800	120247451018
SD WE 14 Federal P5 2H	30-025-42801	120198771045
SD WE 23 Federal P5 1H	30-025-42802	120247451010
SD WE 23 Federal P5 2H	30-025-42803	120251752039
SD WE 14 Federal P7 3H	30-025-43086	120251752023
SD WE 14 Federal P7 4H	30-025-43087	120255483020
SD WE 23 Federal P7 3H	30-025-43088	120251752044
SD WE 23 Federal P7 4H	30-025-43089	120247451077
SD WE 15 Federal P9 5H	30-025-43640	S0223930
SD WE 15 Federal P9 6H	30-025-43641	S0223952
SD WE 15 Federal P9 7H	30-025-43642	S0223928
SD WE 15 Federal P12 1H	30-025-43613	150094031
SD WE 15 Federal P12 2H	30-025-43594	150093985
SD WE 15 Federal P12 3H	30-025-43595	150094026
Kiehne Ranch 15 26 32 USA 1H	30-025-40602	160044978

SD WE 23 Federal P25 5H	30-025-43460	Sf-18861
SD WE 23 Federal P25 6H	30-025-43461	Sf-18860
SD WE 23 Federal P25 7H	30-025-43462	Sf-18883

Table 2: Salado Draw Sec 14 Satellite Well List

Well Name	API Number	Gas Lift Meter S/N
SD 14 23 Federal P18 9H	30-025-45867	160108572
SD 14 23 Federal P18 10H	30-025-45819	190099584
SD 14 23 Federal P18 11H	30-025-45820	160078119
SD 14 23 Federal P18 12H	30-025-45821	160078000
SD 14 23 Federal P19 17H	30-025-45706	160070438
SD 14 23 Federal P19 18H	30-025-45825	160010475
SD 14 23 Federal P19 19H	30-025-45707	160024813
SD 14 23 Federal P19 20H	30-025-45826	160024812
SD 14 23 FED P343 421H	30-025-49785	TBD
SD 14 23 FED P343 422H	30-025-49786	TBD
SD 14 23 FED P343 423H	30-025-49787	TBD
SD 14 23 FED P344 424H	30-025-49788	TBD
SD 14 23 FED P344 425H	30-025-49789	TBD
SD 14 23 FED P344 426H	30-025-49790	TBD

Table 3: Salado Draw Sec 15 Satellite Well List

Well Name	API Number	Gas Lift Meter S/N
SD 15 Federal P418 8H	30-025-46726	152261
SD 15 Federal P418 9H	30-025-46728	152439
SD 15 Federal P418 10H	30-025-46729	152294
SD 15 Federal P419 11H	30-025-46730	154863
SD 15 Federal P419 12H	30-025-46731	154871
SD 15 Federal P419 13H	30-025-46810	151991
SD 15 Federal P419 14H	30-025-46732	152621

Future wells: TBD.

Produced Water Processing
Produced water will likewise be separated within each train at the Section 23 CTB and stored onsite in common water tanks prior to being measured by a vortex meter before transfer to the Salado Draw Water Disposal network.

The flow of production is further detailed in Exhibit E – Section 23 CTB and CS Site Security Diagram and Exhibit I – Salado Draw Area Map.

The commingling in this way will not result in reduced royalty or improper measurement of production. The proposed commingling of gas for gas lift of wells will reduce the number of surface facilities, provide for a more economic facility design and reduce overall emissions by having more efficient gas compression utilization.

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Exhibit D – Section 23 CTB and Sections 14 & 15 Sat Oil & Gas Allocation Methodology

Salado Draw SAT #14 and #15 contains test separators for well test and allocation measurement of oil, gas and produced water. Each test separator will have a dedicated Coriolis meter for oil measurement, an orifice meter for gas measurement, and a vortex meter for produced water measurement. Wells producing into SAT #14 and #15 will be produced, one at a time, through a test separator to meet well test requirements.

At each SAT #14 and #15, once a well is measured for well test and allocation purposes, all three production phases (oil, water, and gas) will be commingled with all wells producing into SAT #14 and #15 respectively. The commingled stream will then pass through a 2-phase separator where the gas will be removed from the liquids. Gas will then be measured for allocation purposes by two orifice meters arranged in parallel before being transported by pipeline to the CTB #23 low pressure gas header system, where it will be commingled with all gas from CTB #23. The liquids leaving the 2-phase separators will be transported to CTB #23 trains 2 & 3 via pipeline and commingled with all wells produced into CTB #23 train 2 & 3.

At CTB #23 Train 1, once a well is measured for well test and allocation purposes, all three production phases will be commingled with all wells producing into CTB #23 Train 1. The resulting production stream will be separated and metered as described in Exhibit C – Section 3 CTB Narrative and illustrated in Exhibit E – Section 23 CTB & CS Site Security Diagram.

At CTB #23 Trains 2 & 3, once a well is measured for well test and allocation purposes, all three production phases will be commingled with all wells producing into CTB #23 Trains 2 & 3 respectively. Liquids from SAT #14 and SAT #15 are commingled with all production from CTB #23 Trains 2 & 3 via a common header. The resulting commingled production stream will be separated and metered as described in Exhibit C – Section 3 CTB Narrative and illustrated in Exhibit E – Section 23 CTB & CS Site Security Diagram.

Oil sales will be allocated per well based on the ratio of well test volumes to total allocation meter volumes for the same period. This ratio will be multiplied by the total volume of oil sold as measured by the CTB #23 LACT meters and allocated back to the lease(s).

Upon approval of any proposed communitization agreements, the communitized area will be developed and operated as an entirety, with the understanding and agreement between the parties hereto that all communitized substances produced there from shall be allocated among the leaseholds comprising said area in the proportion that the acreage interest of each leasehold bears to the entire acreage interest committed to this agreement.

Gas sales will be allocated per well based on the ration of well test volumes to total well test volumes (for all wells) then multiplied by the total sales gas volumes for the same period. See Exhibit C – Section 23 CTB Narrative and Exhibit E – Section 23 CTB Site Security Diagram for gas sales meter configurations.

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Exhibit F – Sections 14 Satellite & Section 15 Satellite Narrative

Oil & Water Processing & Metering
Salado Draw Section 15 Satellite (SAT) is located in the NWSE corner of Section 15 T26S, R32E. Raw hydrocarbon liquids are onboarded at Section 15 SAT directly from wells. Gas and liquids are separated by a 2-phase Inlet Separator. Once gas and liquids are separated, liquids are transported to Section 23 CTB for separation and sales. Aside from well tests (as described in Exhibit D – Section 23 CTB and Sections 14 & 15 Sat Oil and Gas Allocation Methodology), oil and water are not directly measured for allocation at Satellite 15.

Salado Draw Section 14 Satellite (SAT) is located in the NWSE corner of Section 14 T26S, R32E. Raw hydrocarbon liquids are onboarded at Section 14 SAT directly from wells. Gas and liquids are separated by a 2-phase Inlet Separator. Once gas and liquids are separated, liquids are transported to Section 23 CTB for separation and sales. Aside from well tests (as described in Exhibit D – Section 23 CTB and Sections 14 & 15 Sat Oil and Gas Allocation Methodology), oil and water are not directly measured for allocation at Satellite 14.

Gas Processing & Metering
Salado Draw Section 23 Compressor Station (CS) is located in the SESW corner of Section 23 T26S-R32E. Gas is separated from liquids at Sections 14 & 15 SAT by a 2-phase separator.

At Section 15 SAT, separated gas is measured by a pair of parallel orifice meters (S/N: 160154057, 160154058). After measurement, gas enters a common low pressure gathering pipeline where it is transported to Section 23 CTB and commingled with gas from SAT 14.

At Section 14 SAT, separated gas is measured by a pair of parallel orifice meters (S/N: 160152812, 160152811). After measurement, gas enters a common low pressure gathering pipeline where it is transported to Section 23 CTB and commingled with gas from SAT 15.

Upon onboarding at CTB #23, gas is commingled into the common low pressure gas header system. Commingled gas is then either sold to a third-party pipeline company via a pair of parallel Central Delivery Point (CDP) meters (See Exhibit C – Section 23 CTB Narrative) or transferred to CS #23 for compression and subsequent infield gas lift use. Individual-well gas lift volumes are measured via dedicated gas lift orifice meters (one per well). Individual well gas lift meter serial numbers are noted in Exhibit C – Section 3 CTB Narrative.

The flow of production is further detailed in Exhibit G – Section 14 Satellite Site Security Diagram, Exhibit H – Section 15 Satellite Site Security Diagram, and Exhibit I – Salado Draw Area Map.

Commingling in this way will not result in reduced royalty or improper measurement of production. The proposed commingling of gas for gas lift of wells will reduce the number of surface facilities, provide for a more economic facility design, and reduce overall emissions by having more efficient gas compression utilization.

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Exhibit B – Lease Map

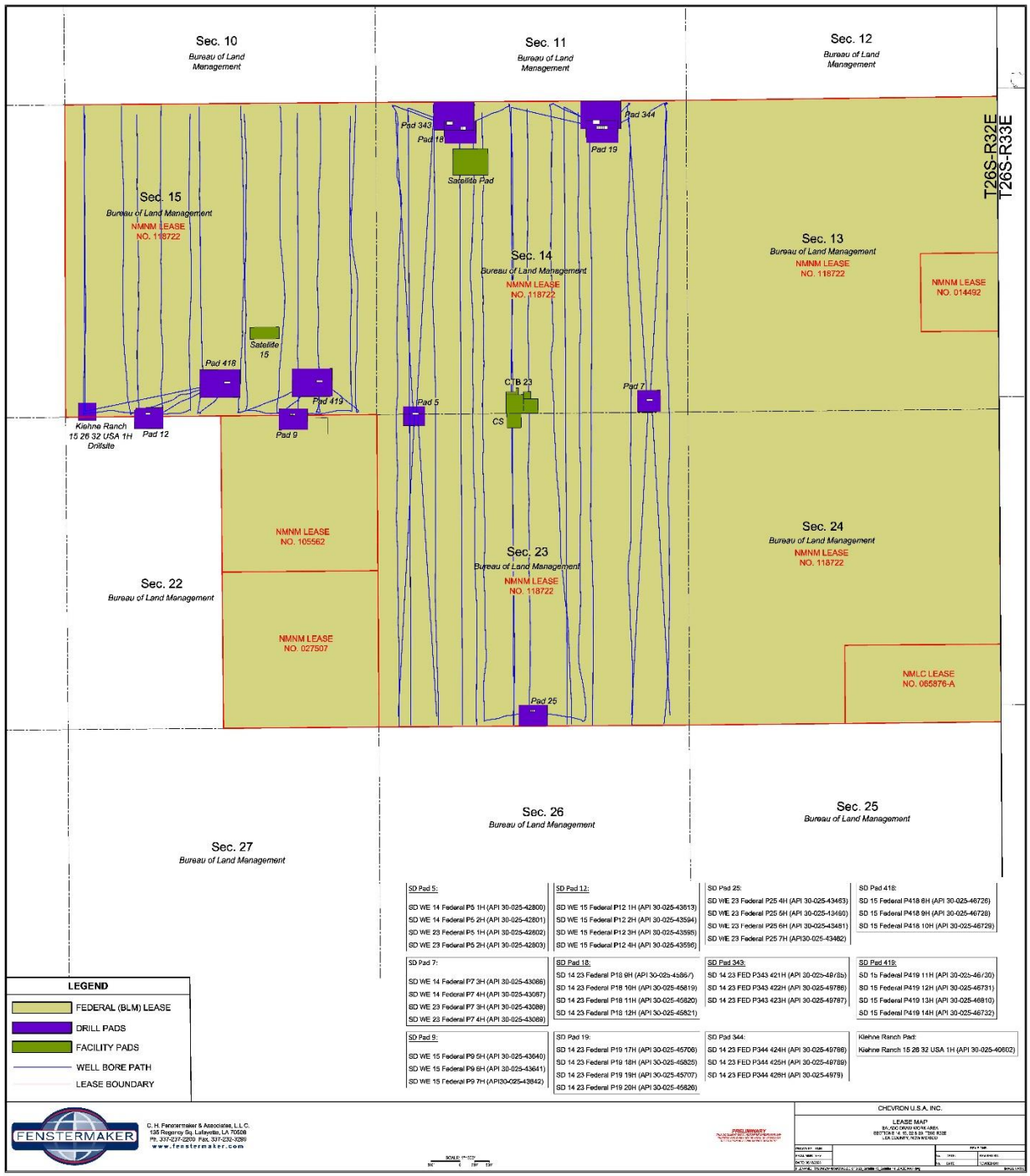

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Exhibit C – Section 23 CTB Narrative

Oil Processing & Metering
Salado Draw Section 23 Central Tank Battery (CTB) is located in the SESW of Section 23 T26S, R32E. Raw hydrocarbon liquids will be onboarded at Section 23 CTB either directly from well flowlines or via the bulk liquids lines from Salado Draw Section 14 Satellite and Salado Draw Section 15 Satellite respectively. Salado Draw Section 23 CTB has three separation trains. Each train consists of an Inlet Separator, a Heater Production Separator, and a Heater Treater arranged in a series configuration. Oil is successively separated by these vessels within each train. Once commingled oil is separated, it is sent to common on-site oil tanks and sold through one of three common LACT units (SN: 0606364186, 1804736081, & 324312) located at the Section 23 CTB.

Gas Processing & Metering
Salado Draw Section 23 Compressor Station (CS) is located immediately adjacent to Section 23 CTB in the SESW of Section 23 T26S, R32E. Gas is separated from liquids at the Section 23 CTB within each train via successive separation vessels. Once separated, gas is collected into a common low pressure gas header where it is either metered by a parallel pair of orifice meters for sales (S/Ns: D1000005 & 150043483) or compressed at Section 23 CS and circulated into the Salado Draw Gas Lift distribution network for infield gas lift use. All wells referenced in this sundry application consume gas from the Salado Draw Gas Lift distribution network for the purposes of gas lift. Individual well's gas lift volumes are measured via dedicated gas lift orifice meters (one per well); meter serial numbers are noted in the tables below.

Table 1: Salado Draw Sec 23 CTB Well List

Well Name	API Number	Gas Lift Meter S/N
SD WE 14 Federal P5 1H	30-025-42800	120247451018
SD WE 14 Federal P5 2H	30-025-42801	120198771045
SD WE 23 Federal P5 1H	30-025-42802	120247451010
SD WE 23 Federal P5 2H	30-025-42803	120251752039
SD WE 14 Federal P7 3H	30-025-43086	120251752023
SD WE 14 Federal P7 4H	30-025-43087	120255483020
SD WE 23 Federal P7 3H	30-025-43088	120251752044
SD WE 23 Federal P7 4H	30-025-43089	120247451077
SD WE 15 Federal P9 5H	30-025-43640	S0223930
SD WE 15 Federal P9 6H	30-025-43641	S0223952
SD WE 15 Federal P9 7H	30-025-43642	S0223928
SD WE 15 Federal P12 1H	30-025-43613	150094031
SD WE 15 Federal P12 2H	30-025-43594	150093985
SD WE 15 Federal P12 3H	30-025-43595	150094026
Kiehne Ranch 15 26 32 USA 1H	30-025-40602	160044978

SD WE 23 Federal P25 5H	30-025-43460	Sf-18861
SD WE 23 Federal P25 6H	30-025-43461	Sf-18860
SD WE 23 Federal P25 7H	30-025-43462	Sf-18883

Table 2: Salado Draw Sec 14 Satellite Well List

Well Name	API Number	Gas Lift Meter S/N
SD 14 23 Federal P18 9H	30-025-45867	160108572
SD 14 23 Federal P18 10H	30-025-45819	190099584
SD 14 23 Federal P18 11H	30-025-45820	160078119
SD 14 23 Federal P18 12H	30-025-45821	160078000
SD 14 23 Federal P19 17H	30-025-45706	160070438
SD 14 23 Federal P19 18H	30-025-45825	160010475
SD 14 23 Federal P19 19H	30-025-45707	160024813
SD 14 23 Federal P19 20H	30-025-45826	160024812
SD 14 23 FED P343 421H	30-025-49785	TBD
SD 14 23 FED P343 422H	30-025-49786	TBD
SD 14 23 FED P343 423H	30-025-49787	TBD
SD 14 23 FED P344 424H	30-025-49788	TBD
SD 14 23 FED P344 425H	30-025-49789	TBD
SD 14 23 FED P344 426H	30-025-49790	TBD

Table 3: Salado Draw Sec 15 Satellite Well List

Well Name	API Number	Gas Lift Meter S/N
SD 15 Federal P418 8H	30-025-46726	152261
SD 15 Federal P418 9H	30-025-46728	152439
SD 15 Federal P418 10H	30-025-46729	152294
SD 15 Federal P419 11H	30-025-46730	154863
SD 15 Federal P419 12H	30-025-46731	154871
SD 15 Federal P419 13H	30-025-46810	151991
SD 15 Federal P419 14H	30-025-46732	152621

Future wells: TBD.

Produced Water Processing

Produced water will likewise be separated within each train at the Section 23 CTB and stored onsite in common water tanks prior to being measured by a vortex meter before transfer to the Salado Draw Water Disposal network.

The flow of production is further detailed in Exhibit E – Section 23 CTB and CS Site Security Diagram and Exhibit I – Salado Draw Area Map.

The commingling in this way will not result in reduced royalty or improper measurement of production. The proposed commingling of gas for gas lift of wells will reduce the number of surface facilities, provide for a more economic facility design and reduce overall emissions by having more efficient gas compression utilization.

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June 14, 2023

Exhibit K – Interest Owner Name & Address/ Proof of Notification / Publication

Interest Owner Names & Addresses:

SD Kiehne Ranch Pad – W/2 W/2 Section 15 (Pool Code: 97838)
Well Name: Kiehne Ranch 15 26 32 USA #001H

SD Pad 5 – W/2 W/2 Section 14 (Pool Code: 97838); W/2 W/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P5 001H & 002H; SD WE 23 Federal P5 001H & 002H

SD Pad 7 – E/2 E/2 Section 14 (Pool Code: 97838); E/2 E/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P7 003H & 004H; SD WE 23 Federal P7 003H & 004H

SD Pad 9 – W/2 E/2 Section 15 (Pool Code: 97838); E/2 E/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P9 005H, 006H, 007H

SD Pad 12 – W/2 W/2 Section 15 (Pool Code: 97838); E/2 W/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P12 001H, 002H, 003H

SD Pad 18 – W/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P18 009H, 0010H, 0011H, 0012H

SD Pad 19 – E/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P19 0017H, 0018H 0019H, 0020H

SD Pad 25 – E/2 W/2 Section 14 & 23 (Pool Code: 97838) W/2 E/2 Section 14 & 23 (Pool Code: 97838)
Well Names: SD WE 23 Federal P25 005H, 006H, 007H

SD Pad 418 – W/2 W/2 Section 15 (Pool Code: 98065); E/2 W/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 Federal P418 008H, 009H, 010H

SD Pad 419 – W/2 E/2 Section 15 (Pool Code: 98065); E/2 E/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 FEDERAL P419 011H, 012H, 013H, 014H

SD Pad 343 – W/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 421H, 422H, 423H

SD Pad 344 – E/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 424H, 425H, 426H

Interest	Name	Address	City	State	Zip Code
WI	CHEVRON USA INC	PO BOX 4791	HOUSTON	TX	77210-4791
RI	BUREAU OF LAND MANAGEMENT/ONRR	PO BOX 25627	DENVER	CO	80225-0627
	BUREAU OF LAND MANAGEMENT/ONRR	301 DINOSAUR TR	SANTA FE	NM	87508

Certified Mailing Numbers:

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY Chevron U.S.A. Inc.

Salado Draw CTB #23 and Satellite #14 and 15

Name	Certified Mail Number
Chevron U.S.A. Inc.	N/A
Bureau of Land Management	
Office of Natural Resource Revenue	

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Midland, TX 79706

June 14, 2023

Exhibit K – Interest Owner Name & Address/ Proof of Notification / Publication

Interest Owner Names & Addresses:

SD Kiehne Ranch Pad – W/2 W/2 Section 15 (Pool Code: 97838)
Well Name: Kiehne Ranch 15 26 32 USA #001H

SD Pad 5 – W/2 W/2 Section 14 (Pool Code: 97838); W/2 W/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P5 001H & 002H; SD WE 23 Federal P5 001H & 002H

SD Pad 7 – E/2 E/2 Section 14 (Pool Code: 97838); E/2 E/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P7 003H & 004H; SD WE 23 Federal P7 003H & 004H

SD Pad 9 – W/2 E/2 Section 15 (Pool Code: 97838); E/2 E/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P9 005H, 006H, 007H

SD Pad 12 – W/2 W/2 Section 15 (Pool Code: 97838); E/2 W/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P12 001H, 002H, 003H

SD Pad 18 – W/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P18 009H, 0010H, 0011H, 0012H

SD Pad 19 – E/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P19 0017H, 0018H 0019H, 0020H

SD Pad 25 – E/2 W/2 Section 14 & 23 (Pool Code: 97838) W/2 E/2 Section 14 & 23 (Pool Code: 97838)
Well Names: SD WE 23 Federal P25 005H, 006H, 007H

SD Pad 418 – W/2 W/2 Section 15 (Pool Code: 98065); E/2 W/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 Federal P418 008H, 009H, 010H

SD Pad 419 – W/2 E/2 Section 15 (Pool Code: 98065); E/2 E/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 FEDERAL P419 011H, 012H, 013H, 014H

SD Pad 343 – W/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 421H, 422H, 423H

SD Pad 344 – E/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 424H, 425H, 426H

Interest	Name	Address	City	State	Zip Code
WI	CHEVRON USA INC	PO BOX 4791	HOUSTON	TX	77210-4791
RI	BUREAU OF LAND MANAGEMENT/ONRR	PO BOX 25627	DENVER	CO	80225-0627
	BUREAU OF LAND MANAGEMENT/ONRR	301 DINOSAUR TR	SANTA FE	NM	87508

Certified Mailing Numbers:

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY Chevron U.S.A. Inc.

Salado Draw CTB #23 and Satellite #14 and 15

Name	Certified Mail Number
Chevron U.S.A. Inc.	N/A
Bureau of Land Management	
Office of Natural Resource Revenue	

HOBBS OCD

SEP 2 1 2015

RECEIVED

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

HOBBS OCD

DEC 05 2016

RECEIVED

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

"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-42800	97838	Jennings; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
315268	SD WE 14 FED P5	1H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3157'

[10] Surface Location

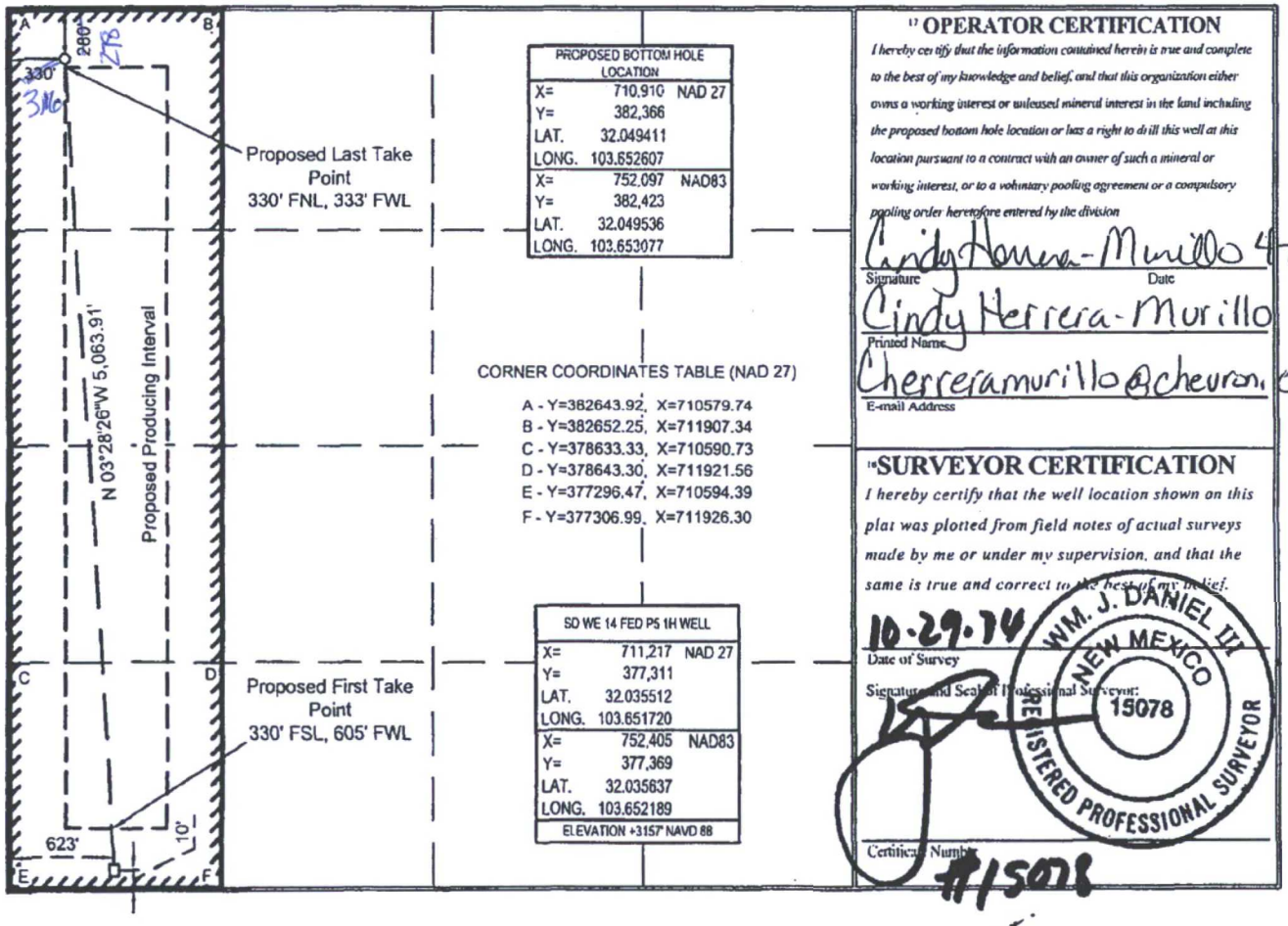
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	26 SOUTH	32 EAST, N.M.P.M.		10'	SOUTH	623'	WEST	LEA

[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
D	14	26 SOUTH	32 EAST, N.M.P.M.		280' 278'	NORTH	330' 316'	WEST	LEA

[13] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			11/29/16

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.



PROPOSED BOTTOM HOLE LOCATION		
X=	710,910	NAD 27
Y=	382,366	
LAT.	32.049411	
LONG.	103.652607	
X=	752,097	NAD83
Y=	382,423	
LAT.	32.049536	
LONG.	103.653077	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382652.25, X=711907.34
C - Y=378633.33, X=710590.73
D - Y=378643.30, X=711921.56
E - Y=377296.47, X=710594.39
F - Y=377306.99, X=711926.30

SD WE 14 FED P5 1H WELL		
X=	711,217	NAD 27
Y=	377,311	
LAT.	32.035512	
LONG.	103.651720	
X=	752,405	NAD83
Y=	377,369	
LAT.	32.035637	
LONG.	103.652189	
ELEVATION +3157' NAVD 88		

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Cindy Herrera-Murillo 4-27-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramurillo@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

10-29-14
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

SEP 9 2 2015

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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

HOBBS OCD
NOV 05 2012
RECEIVED

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

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
Fee Lease - 3 copies

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-40602	97838	WILDCAT G-05 S263208P; BONE SPRING

4 Property Code	5 Property Name	6 Well Number
97838	KIEHNE RANCH 15 26 32 USA	1H

7 OGRID No.	8 Operator Name	9 Elevation
147179	CHESAPEAKE OPERATING, INC.	3144'

10 Surface Location

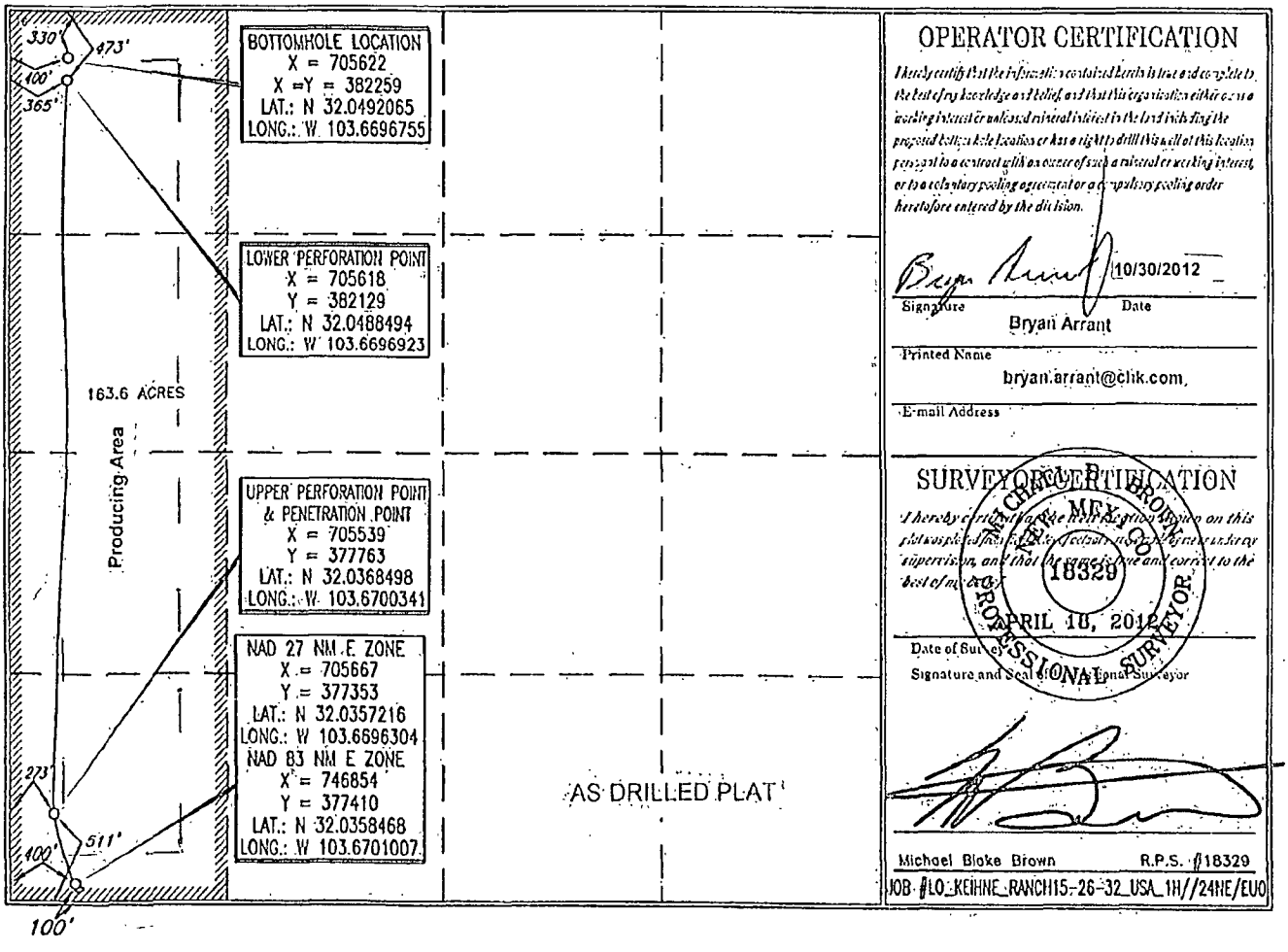
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	26 SOUTH	32 EAST, N.M.P.M.		100'	SOUTH	400'	WEST	LEA

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
D	15	26 SOUTH	32 EAST, N.M.P.M.		~~330'~~ 5006	~~NORTH~~ S	~~400~~ 355	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
163.6			NSL 6673

NO ALLOWABLE WELL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Bryan Arrant 10/30/2012
Signature Date

Bryan Arrant
Printed Name

bryan.arrant@clik.com
E-mail Address

SURVEYOR CERTIFICATION

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.

NEW MEXICO
MICHAEL BLAKE BROWN
18329
PROFESSIONAL SURVEYOR

APRIL 18, 2012
Date of Survey

Signature and Seal of Professional Surveyor

Michael Blake Brown R.P.S. #18329

JOB #LO_KEIHNE_RANCH15-26-32_USA_1H//24NE/EUO

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1625 N. French Dr., Hobbs, NM 88240
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OIL CONSERVATION DIVISION
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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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-49785	97903	WC-025 G08 S25323G LWR BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
332380	SD 14 23 FED P343	421H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3197'

[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
D	14	26 SOUTH	32 EAST, N.M.P.M.		364'	NORTH	1234'	WEST	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
M	23	26 SOUTH	32 EAST, N.M.P.M.		25'	SOUTH	550'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640			

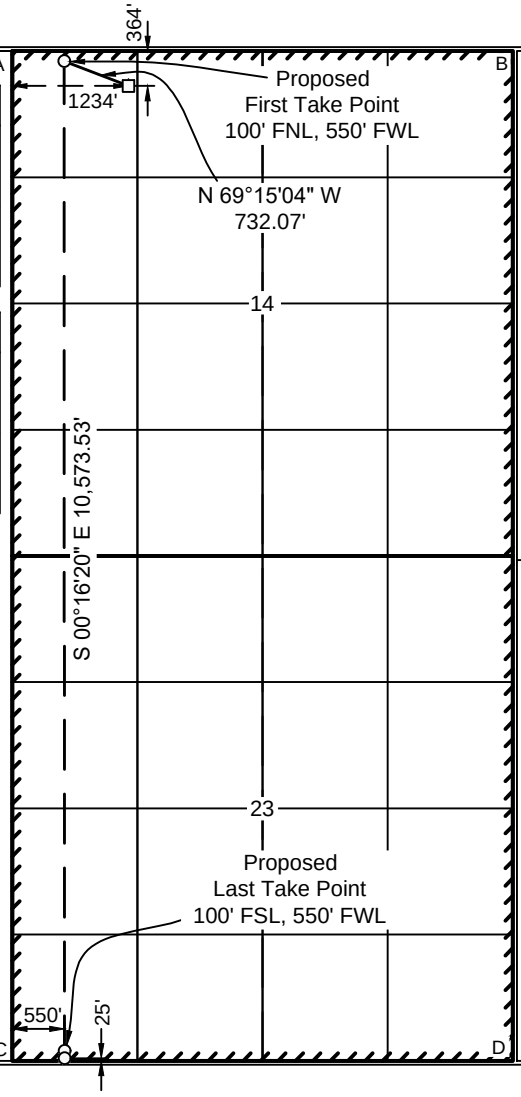
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]

SD 14 23 FED P343 NO. 421H WELL		PROPOSED FIRST TAKE POINT	
X= 711,815	NAD 27	X= 711,130	NAD 27
Y= 382,288		Y= 382,547	
LAT. 32.049181 N		LAT. 32.049906 N	
LONG. 103.649691 W		LONG. 103.651895 W	
X= 753,002	NAD83/2011	X= 752,317	NAD83/2011
Y= 382,345		Y= 382,605	
LAT. 32.049306 N		LAT. 32.050031 N	
LONG. 103.650161 W		LONG. 103.652365 W	
ELEVATION +3,197 NAVD 88			
PROPOSED LAST TAKE POINT		PROPOSED BOTTOM HOLE LOCATION	
X= 711,180	NAD 27	X= 711,180	NAD 27
Y= 372,049		Y= 371,974	
LAT. 32.021046 N		LAT. 32.020840 N	
LONG. 103.651948 W		LONG. 103.651948 W	
X= 752,367	NAD83/2011	X= 752,368	NAD83/2011
Y= 372,106		Y= 372,031	
LAT. 32.021172 N		LAT. 32.020965 N	
LONG. 103.652416 W		LONG. 103.652417 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63



[17] OPERATOR CERTIFICATION

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Cindy Herrera-Murillo — Signature
03/01/2023 — Date

Cindy Herrera-Murillo — Printed Name

eeof@chevron.com — E-mail Address

[18] SURVEYOR CERTIFICATION

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.

03/11/2020 — Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR

05/14/2020

Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-49786	97903	WC-025 G08 S25323G; LWR BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
332380	SD 14 23 FED P343	422H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3197'

[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
D	14	26 SOUTH	32 EAST, N.M.P.M.		364'	NORTH	1259'	WEST	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
N	23	26 SOUTH	32 EAST, N.M.P.M.		25'	SOUTH	1430'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640			

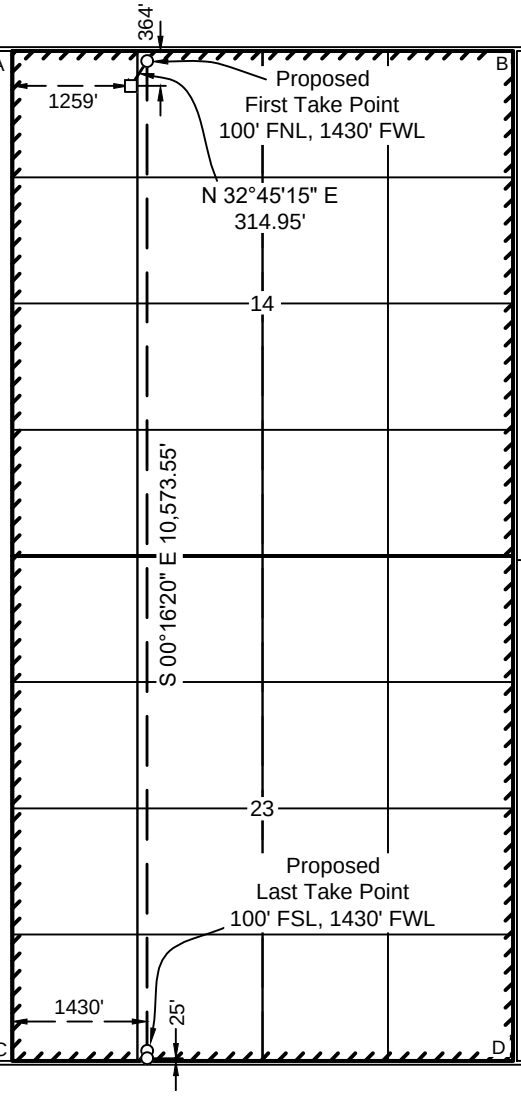
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

[16]

SD 14 23 FED P343 NO. 422H WELL			PROPOSED FIRST TAKE POINT		
X=	711,840	NAD 27	X=	712,010	NAD 27
Y=	382,288		Y=	382,553	
LAT.	32.049181 N		LAT.	32.049906 N	
LONG.	103.649610 W		LONG.	103.649055 W	
X=	753,027	NAD83/2011	X=	753,197	NAD83/2011
Y=	382,345		Y=	382,610	
LAT.	32.049306 N		LAT.	32.050031 N	
LONG.	103.650080 W		LONG.	103.649525 W	
ELEVATION +3,197 NAVD 88					
PROPOSED LAST TAKE POINT			PROPOSED BOTTOM HOLE LOCATION		
X=	712,060	NAD 27	X=	712,060	NAD 27
Y=	372,054		Y=	371,979	
LAT.	32.021046 N		LAT.	32.020840 N	
LONG.	103.649109 W		LONG.	103.649109 W	
X=	753,247	NAD83/2011	X=	753,248	NAD83/2011
Y=	372,111		Y=	372,036	
LAT.	32.021171 N		LAT.	32.020965 N	
LONG.	103.649577 W		LONG.	103.649577 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63



[17] OPERATOR CERTIFICATION

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Cindy Herrera-Murillo — Signature
03/01/2023 — Date

Cindy Herrera-Murillo — Printed Name

eeof@chevron.com — E-mail Address

[18] SURVEYOR CERTIFICATION

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.

03/11/2020 — Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR
05/14/2020

Certificate Number

Rec'd 8/12/2020 - NMOCD

District I
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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

[X] AMENDED REPORT

"As-Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45867	98065	WC-025 G-08 S263205N; UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325387	SD 14 23 FED P18	9H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3196'

[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
C	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1380'	WEST	LEA

[11] Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	26 SOUTH	32 EAST, N.M.P.M.		15'	SOUTH	343'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640	Infill		

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]

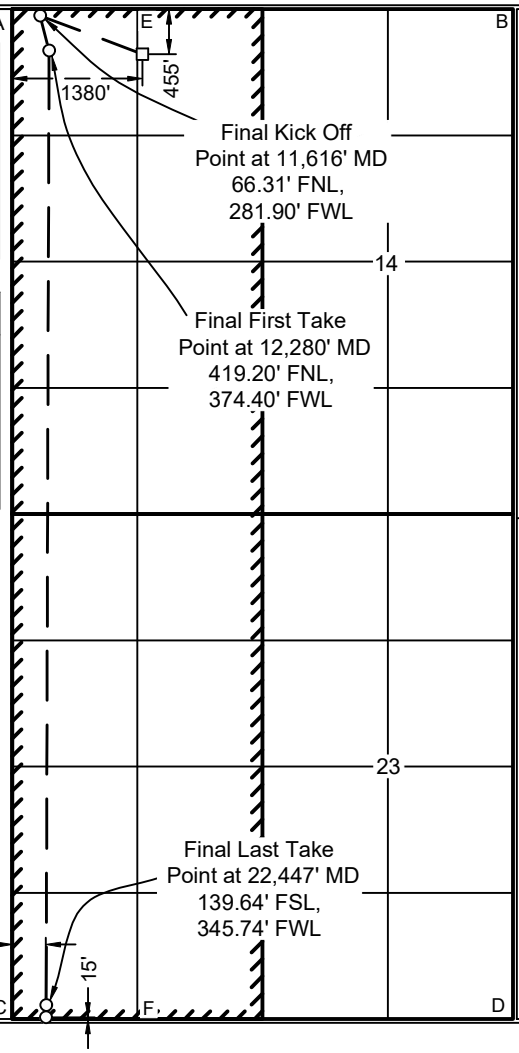
SD 14 23 FED P18 NO. 9H WELL			AS-DRILLED BOTTOM HOLE LOCATION		
X=	711,961	NAD 27	X=	710,973	NAD 27
Y=	382,198		Y=	371,962	
LAT.	32.048930 N		LAT.	32.020812 N	
LONG.	103.649220 W		LONG.	103.652616 W	
X=	753,148	NAD83/2011	X=	752,161	NAD83/2011
Y=	382,255		Y=	372,019	
LAT.	32.049055 N		LAT.	32.020937 N	
LONG.	103.649690 W		LONG.	103.653084 W	
ELEVATION +3196' NAVD 88					

FINAL FIRST TAKE POINT			FINAL LAST TAKE POINT		
X=	710,955	NAD 27	X=	710,975	NAD 27
Y=	382,227		Y=	372,087	
LAT.	32.049029 N		LAT.	32.021155 N	
LONG.	103.652465 W		LONG.	103.652607 W	
X=	752,142	NAD83/2011	X=	752,163	NAD83/2011
Y=	382,284		Y=	372,144	
LAT.	32.049154 N		LAT.	32.021281 N	
LONG.	103.652936 W		LONG.	103.653076 W	

FINAL KICK OFF POINT		
X=	710,862	NAD 27
Y=	382,579	
LAT.	32.049999 N	
LONG.	103.652760 W	
X=	752,049	NAD83/2011
Y=	382,637	
LAT.	32.050124 N	
LONG.	103.653230 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63
E - Y=382652.25, X=711907.34
F - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

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Signature — 7/15/2020 Date

Laura Becerra
Printed Name

LBecerra@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/25/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES NEW MEXICO 23606 PROFESSIONAL SURVEYOR

04/29/2020

Certificate Number

Intent [ ] As Drilled [X]

Rec'd 8/12/2020 - NMOCD

API #
30-025-45867

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	9H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	14	26S	32E		66	FNL	282	FWL	LEA

Latitude	Longitude	NAD
32.050124	103.653230	NAD 83/86

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	14	26S	32E		419	FNL	374	FWL	LEA

Latitude	Longitude	NAD
32.049154	103.652936	NAD 83/86

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	23	26S	32E		140	FSL	346	FWL	LEA

Latitude	Longitude	NAD
32.021281	103.653076	NAD 86/86

Is this well the defining well for the Horizontal Spacing Unit? NO

Is this well an infill well? YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-025-45820

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	11H

KZ 06/29/2018

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

November 25, 2019

Chevron USA Incorporated
6301 Deauville Blvd
Midland, TX 79706

Re:

S14, T26S, R32E Lea, NM
N 32.049055 W -103.64969

CLIENT: Chevron USA Incorporated
WELL: SD 14 23 Fed P18 9H
FIELD: Upper Wolcamp

RIG: Nabors X30
COUNTY: Lea
API NO: 30-025-45867
JOB NO: 19MLI0077

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
Tom Brady FE	SD 14 23 Fed P18 9H Original Hole	879.00 Ft 22510.00 Ft	to	October 29, 2019 November 11, 2019	to	TelePacer SlimPulse

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Well Reference:
S14, T26S, R32E Lea, NM
N 32.049055 W -103.64969

I, Tom Brady certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of October 29, 2019 through November 11, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 879.00 feet to a depth of 22510.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Chevron USA Incorporated for the SD 14 23 Fed P18 9H Well (Original Hole) API No. 30-025-45867 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Tom Brady
FE

Tom Brady

Subscribed and Sworn to before me this 05 day of November (month) 2019 (yr)

My Commission expires:
6/14/2023

Jean-Paul Langlois (signature)
Notary Public

Comanche, Oklahoma
(County State)

Jean-Paul Langlois
Notary Public in and for
STATE OF OKLAHOMA
Commission #19005986
Expires: June 14, 2023

Schlumberger

Chevron

Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft Survey Report

(Def Survey)

Report Date:	November 13, 2019 - 05:50 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	179.730 ° (Grid North)
Field:	NM Lea County (NAD 27)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron SD 14 23 FED Pad 18 / 9H	**TVD Reference Datum:**	RKB = 32.6ft
Well:	SD 14 23 Fed P18 9H	**TVD Reference Elevation:**	3228.600 ft above MSL
Borehole:	SD 14 23 Fed P18 9H	**Seabed / Ground Elevation:**	3196.000 ft above MSL
UWI / API#:	Unknown / 30-025-45867	**Magnetic Declination:**	6.618 °
Survey Name:	Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	**Total Gravity Field Strength:**	998.4327mgn (9.80665 Based)
Survey Date:	November 11, 2019	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	325.107 ° / 11879.019 ft / 6.857 / 0.979	**Total Magnetic Field Strength:**	47663.386 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.626 °
Location Lat / Long:	N 32° 2' 56.15259", W 103° 38' 57.19216"	**Declination Date:**	November 11, 2019
Location Grid N/E Y/X:	N 382198.000 ftUS, E 711961.000 ftUS	**Magnetic Declination Model:**	HDGM 2019
CRS Grid Convergence Angle:	0.3630 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99996055	**Grid Convergence Used:**	0.3630 °
Version / Patch:	2.10.782.0	**Total Corr Mag North->Grid North:**	6.2549 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0M
Adjusted KB	33.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	270.38M
First 3rd Party Survey	201.90	0.50	270.38	201.90	-0.01	0.00	-0.74	0.74	270.38	0.30	178.38M
	287.90	0.60	178.38	287.90	0.44	-0.44	-1.10	1.19	248.07	0.92	161.38M
	375.90	0.50	161.38	375.89	1.26	-1.27	-0.96	1.59	217.26	0.22	212.38M
	466.90	0.50	212.38	466.89	1.97	-1.98	-1.05	2.24	207.94	0.47	296.38M
	558.90	0.30	296.38	558.89	2.20	-2.21	-1.48	2.66	213.81	0.60	121.38M
	651.90	0.50	121.38	651.89	2.31	-2.31	-1.35	2.68	210.30	0.86	39.38M
Last 3rd Party Survey	761.90	0.50	39.38	761.88	2.19	-2.19	-0.64	2.28	196.22	0.60	141.06M
First SLB MWD Survey	879.00	0.18	141.06	878.98	1.94	-1.94	-0.20	1.95	185.83	0.48	268.16M
	973.00	1.56	268.16	972.97	2.09	-2.10	-1.38	2.51	213.43	1.78	278.98M
	1067.00	3.59	278.98	1066.87	1.65	-1.68	-5.57	5.82	253.23	2.21	284.59M
	1161.00	5.05	284.59	1160.60	0.12	-0.18	-12.48	12.48	269.19	1.62	282.95M
	1255.00	6.23	282.95	1254.14	-2.11	2.01	-21.46	21.55	275.35	1.27	288.81M
	1350.00	7.51	288.81	1348.46	-5.32	5.17	-32.36	32.77	279.07	1.53	297.67M
	1444.00	9.02	297.67	1441.49	-10.78	10.57	-44.70	45.93	283.30	2.10	8.88R
	1539.00	10.45	298.90	1535.12	-18.47	18.19	-58.84	61.59	287.18	1.52	27.06L
	1633.00	11.50	296.24	1627.40	-26.81	26.45	-74.71	79.25	289.50	1.24	16.76R
	1727.00	11.58	296.36	1719.50	-35.22	34.79	-91.56	97.95	290.80	0.09	122.26R
	1821.00	11.51	296.92	1811.59	-43.73	43.22	-108.38	116.68	291.74	0.14	137.97L
	1916.00	11.39	296.37	1904.70	-52.27	51.68	-125.24	135.48	292.42	0.17	7.44L
	2010.00	11.59	296.24	1996.82	-60.64	59.98	-142.02	154.17	292.89	0.21	90R
	2105.00	11.59	296.52	2089.88	-69.21	68.46	-159.12	173.22	293.28	0.06	160.2L
	2199.00	11.54	296.43	2181.97	-77.69	76.86	-175.99	192.04	293.59	0.06	167.85R
	2293.00	11.18	296.83	2274.13	-86.06	85.16	-192.54	210.53	293.86	0.39	73.27L
	2388.00	11.45	292.77	2367.29	-93.95	92.96	-209.45	229.16	293.93	0.89	60.9L
	2482.00	12.54	284.72	2459.24	-100.24	99.17	-227.93	248.57	293.51	2.12	48.36L
	2577.00	13.03	282.33	2551.89	-105.24	104.07	-248.37	269.29	292.74	0.76	168.38R
	2671.00	12.73	282.61	2643.52	-109.86	108.60	-268.82	289.93	292.00	0.33	45.09R
	2765.00	12.83	283.06	2735.19	-114.58	113.22	-289.10	310.48	291.39	0.15	157.29R
	2954.00	11.78	285.23	2919.85	-124.57	123.03	-328.16	350.46	290.55	0.61	176.15L
	3143.00	10.73	284.85	3105.21	-134.32	132.61	-363.78	387.19	290.03	0.56	177.18L
	3236.00	9.83	284.59	3196.72	-138.61	136.82	-379.83	403.72	289.81	0.97	3.77L
	3331.00	10.86	284.23	3290.17	-142.93	141.07	-396.35	420.71	289.59	1.09	94.9R
	3426.00	10.84	285.68	3383.47	-147.63	145.68	-413.63	438.53	289.40	0.29	31.12R
	3520.00	12.09	289.22	3475.60	-153.34	151.31	-431.44	457.20	289.33	1.53	170.76R
	3614.00	10.71	290.43	3567.74	-159.71	157.60	-448.92	475.78	289.34	1.49	22.8L
	3708.00	11.39	288.99	3660.00	-165.86	163.67	-465.88	493.79	289.36	0.78	175.62L
	3802.00	11.04	288.85	3752.20	-171.87	169.60	-483.17	512.07	289.34	0.37	178.34R
	3897.00	10.30	288.97	3845.56	-177.65	175.30	-499.81	529.66	289.33	0.78	102.19R
	3991.00	10.28	289.50	3938.05	-183.26	180.83	-515.67	546.45	289.32	0.10	18.96R
	4085.00	10.91	290.64	4030.44	-189.27	186.77	-531.90	563.74	289.35	0.71	9.23R
	4180.00	12.62	291.91	4123.45	-196.40	193.81	-549.94	583.09	289.41	1.82	178.61L
	4274.00	11.86	291.82	4215.31	-203.91	201.23	-568.44	603.00	289.49	0.81	63.44L
	4367.00	11.96	290.87	4306.31	-210.98	208.21	-586.31	622.19	289.55	0.24	5.79R
	4461.00	13.20	291.42	4398.05	-218.45	215.60	-605.40	642.65	289.60	1.33	175.99R
	4555.00	12.52	291.64	4489.69	-226.22	223.28	-624.87	663.56	289.66	0.73	171.6L
	4600.00	12.04	291.30	4533.66	-229.77	226.78	-633.77	673.13	289.69	1.08	59.25R
DMAG-Corrected Surveys	4743.00	12.37	293.80	4673.43	-241.50	238.38	-661.68	703.32	289.81	0.44	78.7L
	4837.00	12.45	292.07	4765.23	-249.46	246.25	-680.29	723.48	289.90	0.40	27.36L
	4931.00	12.71	291.46	4856.98	-257.14	253.84	-699.30	743.95	289.95	0.31	3.17L
	5025.00	13.12	291.36	4948.60	-264.90	261.51	-718.86	764.95	289.99	0.44	179.83L
	5120.00	12.41	291.35	5041.25	-272.63	269.16	-738.41	785.93	290.03	0.75	168.18L
	5308.00	11.09	289.91	5225.31	-286.32	282.67	-774.23	824.21	290.06	0.72	77.9R
	5402.00	11.10	290.15	5317.55	-292.59	288.87	-791.22	842.30	290.06	0.05	21.33L
	5497.00	11.25	289.85	5410.75	-298.97	295.16	-808.52	860.71	290.06	0.17	144.88L
	5588.00	10.96	288.77	5500.04	-304.84	300.96	-825.06	878.24	290.04	0.39	28.84L
	5681.00	11.27	287.90	5591.30	-310.56	306.60	-842.08	896.16	290.01	0.38	18.78L
	5775.00	11.89	286.88	5683.39	-316.28	312.23	-860.09	915.01	289.95	0.69	8.59L
	5867.00	13.50	285.84	5773.13	-322.06	317.92	-879.49	935.19	289.87	1.77	40.73R
	5961.00	14.53	289.29	5864.34	-329.05	324.81	-901.17	957.92	289.82	1.41	14.43R
	6056.00	15.14	289.89	5956.17	-337.32	332.96	-924.09	982.25	289.81	0.66	112.22R
	6150.00	14.94	291.87	6046.95	-346.11	341.65	-946.88	1006.63	289.84	0.59	0.99L
	6243.00	15.09	291.86	6136.77	-355.19	350.63	-969.24	1030.71	289.89	0.16	163.21R
	6337.00	14.04	293.17	6227.75	-364.34	359.67	-991.08	1054.32	289.95	1.17	177.89L
	6431.00	11.86	292.78	6319.36	-372.65	367.90	-1010.47	1075.36	290.01	2.32	179.23R
	6526.00	9.51	292.97	6412.70	-379.57	374.74	-1026.70	1092.95	290.05	2.47	174.04R
	6620.00	7.55	294.53	6505.66	-385.23	380.34	-1039.47	1106.86	290.10	2.10	294.35M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	6714.00	5.53	294.35	6599.04	-389.71	384.77	-1049.21	1117.54	290.14	2.15	284.51M
	6809.00	3.27	284.51	6693.76	-392.31	387.33	-1056.00	1124.80	290.14	2.50	265.42M
	6903.00	1.74	265.42	6787.67	-392.88	387.89	-1060.02	1128.76	290.10	1.83	278.93M
	6997.00	0.94	278.93	6881.64	-392.90	387.90	-1062.21	1130.82	290.06	0.91	350.02M
	7091.00	0.61	350.02	6975.63	-393.51	388.51	-1063.06	1131.82	290.08	1.00	318.26M
	7185.00	0.40	318.26	7069.63	-394.25	389.25	-1063.36	1132.36	290.11	0.36	332M
	7279.00	0.36	332.00	7163.63	-394.76	389.75	-1063.72	1132.87	290.12	0.11	334.29M
	7373.00	0.08	334.29	7257.63	-395.08	390.07	-1063.89	1133.14	290.14	0.30	185.95M
	7467.00	0.07	185.95	7351.63	-395.08	390.07	-1063.92	1133.17	290.13	0.15	188.29M
	7561.00	0.38	188.29	7445.62	-394.72	389.71	-1063.97	1133.10	290.12	0.33	212.97M
	7655.00	0.45	212.97	7539.62	-394.10	389.09	-1064.22	1133.11	290.08	0.20	194.46M
	7750.00	0.57	194.46	7634.62	-393.33	388.32	-1064.54	1133.15	290.04	0.21	186.65M
	7843.00	0.60	186.65	7727.61	-392.40	387.39	-1064.71	1132.99	289.99	0.09	135.29M
	8032.00	0.87	135.29	7916.60	-390.40	385.39	-1063.81	1131.47	289.91	0.36	93.35M
	8126.00	0.49	93.35	8010.59	-389.86	384.86	-1062.91	1130.44	289.90	0.64	56.86M
	8220.00	0.62	56.86	8104.59	-390.11	385.11	-1062.08	1129.75	289.93	0.39	93.82M
	8315.00	0.81	93.82	8199.58	-390.34	385.35	-1060.98	1128.79	289.96	0.51	105.53M
	8409.00	0.80	105.53	8293.57	-390.12	385.13	-1059.69	1127.50	289.97	0.18	322.08M
	8503.00	0.58	322.08	8387.57	-390.31	385.33	-1059.35	1127.25	289.99	1.40	307.93M
	8596.00	0.88	307.93	8480.56	-391.13	386.14	-1060.20	1128.33	290.01	0.37	294.4M
	8690.00	0.77	294.40	8574.55	-391.84	386.84	-1061.35	1129.65	290.03	0.24	283.23M
	8784.00	0.71	283.23	8668.55	-392.24	387.24	-1062.49	1130.85	290.02	0.17	263.72M
	8879.00	0.98	263.72	8763.54	-392.29	387.28	-1063.87	1132.17	290.00	0.41	265.02M
	8974.00	1.48	265.02	8858.51	-392.10	387.09	-1065.90	1134.01	289.96	0.53	263.25M
	9068.00	1.73	263.25	8952.48	-391.84	386.81	-1068.52	1136.38	289.90	0.27	265.13M
	9162.00	1.52	265.13	9046.44	-391.58	386.54	-1071.17	1138.78	289.84	0.23	269.48M
	9256.00	1.85	269.48	9140.40	-391.48	386.42	-1073.93	1141.33	289.79	0.38	272.8M
	9351.00	2.42	272.80	9235.33	-391.58	386.51	-1077.46	1144.69	289.73	0.61	279.33M
	9446.00	2.86	279.33	9330.23	-392.08	386.99	-1081.81	1148.94	289.68	0.56	286.19M
	9540.00	3.25	286.19	9424.10	-393.23	388.11	-1086.68	1153.91	289.65	0.57	288.33M
	9635.00	2.47	288.33	9518.98	-394.64	389.51	-1091.21	1158.64	289.64	0.83	292.32M
	9729.00	1.76	292.32	9612.91	-395.84	390.69	-1094.47	1162.11	289.64	0.77	348.63M
	9823.00	1.04	348.63	9706.89	-397.24	392.08	-1095.97	1163.99	289.68	1.56	19.83M
	9917.00	0.63	19.83	9800.88	-398.56	393.40	-1095.96	1164.43	289.75	0.64	77.9M
	10012.00	1.55	77.90	9895.86	-399.31	394.16	-1094.53	1163.34	289.80	1.40	79.26M
	10106.00	0.95	79.26	9989.84	-399.71	394.57	-1092.52	1161.59	289.86	0.64	69.42M
	10200.00	0.36	69.42	10083.83	-399.96	394.82	-1091.48	1160.69	289.89	0.64	289.36M
	10293.00	0.29	289.36	10176.83	-400.14	395.00	-1091.43	1160.71	289.90	0.66	222.1M
	10388.00	0.24	222.10	10271.83	-400.07	394.93	-1091.79	1161.02	289.89	0.31	264.7M
	10482.00	0.87	264.70	10365.83	-399.86	394.72	-1092.63	1161.74	289.86	0.76	263.14M
	10576.00	1.09	263.14	10459.81	-399.70	394.55	-1094.23	1163.19	289.83	0.24	117.18M
	10670.00	0.75	117.18	10553.81	-399.31	394.16	-1094.57	1163.38	289.80	1.87	90.29M
	10763.00	0.94	90.29	10646.80	-399.02	393.88	-1093.26	1162.05	289.81	0.47	153.67M
	10858.00	0.35	153.67	10741.79	-398.76	393.61	-1092.36	1161.11	289.82	0.89	229.28M
	10952.00	0.68	229.28	10835.79	-398.14	392.99	-1092.65	1161.18	289.78	0.73	234.43M
	11046.00	1.11	234.43	10929.78	-397.25	392.10	-1093.82	1161.97	289.72	0.46	238.57M
	11140.00	1.27	238.57	11023.76	-396.18	391.03	-1095.44	1163.14	289.64	0.19	252.25M
	11233.00	1.49	252.25	11116.73	-395.29	390.12	-1097.48	1164.75	289.57	0.42	263.04M
Standard MWD Surveys	11327.00	1.56	263.04	11210.70	-394.77	389.59	-1099.91	1166.87	289.50	0.31	286.44M
	11436.00	1.40	286.44	11319.66	-394.98	389.79	-1102.66	1169.53	289.47	0.57	190.96M
	11530.00	0.85	190.96	11413.65	-394.63	389.43	-1103.89	1170.57	289.43	1.81	145.2M
	11624.00	11.41	145.20	11506.99	-386.26	381.09	-1098.70	1162.92	289.13	11.53	7.93L
	11718.00	17.91	142.27	11597.89	-367.11	362.00	-1084.54	1143.36	288.46	6.96	17.53R
Actual FTP Cross	*11770.93*	*21.17*	*145.10*	*11647.76*	*-352.78*	*347.72*	*-1074.09*	*1128.97*	*287.94*	*6.40*	*14.86R*
	11813.00	23.78	146.81	11686.64	-339.41	334.39	-1065.10	1116.35	287.43	6.40	23.97R
	11907.00	32.72	153.97	11769.38	-300.53	295.61	-1043.52	1084.59	285.82	10.16	35.22R
	12001.00	42.13	163.41	11844.01	-247.23	242.41	-1023.31	1051.63	283.33	11.70	56.25R
	12095.00	47.95	174.08	11910.50	-182.09	177.33	-1010.68	1026.12	279.95	10.13	17.38R
	12190.00	52.48	175.86	11971.27	-109.36	104.63	-1004.32	1009.75	275.95	4.98	46.08R
	12284.00	61.25	185.72	12022.69	-30.89	26.16	-1005.74	1006.08	271.49	12.80	17.87L
	12379.00	71.88	182.15	12060.43	55.90	-60.67	-1011.60	1013.42	266.57	11.71	12.76L
	12473.00	77.41	180.87	12085.32	146.46	-151.24	-1013.98	1025.19	261.52	6.03	11.09L
	12568.00	84.28	179.52	12100.42	240.19	-244.97	-1014.28	1043.45	256.42	7.37	0.71R
	12663.00	89.93	179.59	12105.22	335.03	-339.81	-1013.55	1068.99	251.47	5.95	5.57L
	12743.00	90.34	179.55	12105.03	415.03	-419.81	-1012.95	1096.49	247.49	0.51	11.94R
DMAG-Corrected Surveys	12777.00	90.86	179.66	12104.67	449.03	-453.81	-1012.71	1109.74	245.86	1.56	111.82R
	12871.00	89.55	182.93	12104.34	542.98	-547.77	-1014.84	1153.23	241.64	3.75	83.84R
	12965.00	89.79	185.15	12104.88	636.71	-641.53	-1021.46	1206.21	237.87	2.38	78.91L
	13060.00	90.65	180.76	12104.51	731.53	-736.37	-1026.35	1263.19	234.34	4.71	92.75L
	13154.00	90.17	170.93	12103.84	825.20	-830.01	-1019.55	1314.69	230.85	10.47	94.52L
	13248.00	89.59	163.59	12104.04	916.92	-921.63	-998.84	1359.07	227.30	7.83	84.33R
	13342.00	89.96	167.31	12104.41	1007.99	-1012.60	-975.23	1405.85	223.92	3.98	132.62R
	13436.00	87.90	169.55	12106.16	1100.14	-1104.66	-956.38	1461.14	220.88	3.24	90R
	13530.00	87.90	175.51	12109.61	1193.30	-1197.76	-944.17	1525.15	218.25	6.34	66.91R
	13624.00	91.00	182.76	12110.51	1287.22	-1291.67	-942.76	1599.13	216.12	8.39	109.98L
	13719.00	90.96	182.65	12108.89	1382.07	-1386.55	-947.24	1679.22	214.34	0.12	147.1R
	13813.00	90.79	182.76	12107.45	1475.94	-1480.44	-951.67	1759.94	212.73	0.22	169.94L
	13907.00	89.55	182.54	12107.17	1569.81	-1574.33	-956.02	1841.87	211.27	1.34	90R
	14001.00	89.55	182.85	12107.91	1663.68	-1668.23	-960.44	1924.95	209.93	0.33	83.8R
	14095.00	89.65	183.77	12108.57	1757.50	-1762.07	-965.87	2009.42	208.73	0.98	94.24L
	14190.00	89.55	182.42	12109.23	1852.33	-1856.92	-971.00	2095.47	207.61	1.42	90R
	14284.00	89.55	182.96	12109.97	1946.20	-1950.82	-975.41	2181.08	206.57	0.57	126.03L
	14378.00	88.99	182.19	12111.17	2040.07	-2044.71	-979.63	2267.27	205.60	1.01	55.74R
	14472.00	89.61	183.10	12112.32	2133.94	-2138.60	-983.97	2354.11	204.71	1.17	79.56L
	14566.00	89.68	182.72	12112.90	2227.80	-2232.48	-988.74	2441.63	203.89	0.41	77.28L
	14660.00	89.82	182.10	12113.31	2321.69	-2326.40	-992.69	2529.34	203.11	0.68	169.05L
	14755.00	89.51	182.04	12113.86	2416.61	-2421.33	-996.12	2618.23	202.36	0.33	68.75L
	14849.00	89.58	181.86	12114.61	2510.54	-2515.28	-999.32	2706.52	201.67	0.21	8.13L
	14943.00	89.65	181.85	12115.24	2604.47	-2609.22	-1002.36	2795.14	201.01	0.08	8.13R
	15037.00	89.72	181.86	12115.76	2698.41	-2703.17	-1005.41	2884.09	200.40	0.08	146.31L
	15131.00	89.48	181.70	12116.41	2792.34	-2797.13	-1008.33	2973.32	199.82	0.31	8.37R
	15226.00	89.82	181.75	12116.99	2887.28	-2892.08	-1011.19	3063.76	199.27	0.36	127.57L
	15320.00	89.72	181.62	12117.37	2981.23	-2986.04	-1013.95	3153.49	198.76	0.17	83L
	15414.00	89.86	180.48	12117.72	3075.20	-3080.02	-1015.67	3243.17	198.25	1.22	41.99R
	15508.00	89.96	180.57	12117.86	3169.19	-3174.02	-1016.53	3332.83	197.76	0.14	HS

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	15697.00	90.03	180.57	12117.88	3358.17	-3363.01	-1018.41	3513.83	196.85	0.04	34.99R
	15791.00	90.13	180.64	12117.75	3452.16	-3457.00	-1019.41	3604.17	196.43	0.13	97.76L
	15885.00	90.10	180.42	12117.56	3546.15	-3551.00	-1020.28	3694.67	196.03	0.24	88.75L
	16074.00	90.13	179.04	12117.18	3735.15	-3739.99	-1019.39	3876.43	195.25	0.73	154.29R
	16168.00	89.86	179.17	12117.19	3829.14	-3833.98	-1017.92	3966.81	194.87	0.32	120.26L
	16263.00	89.51	178.57	12117.71	3924.13	-3928.96	-1016.04	4058.21	194.50	0.73	74.65R
	16358.00	89.65	179.08	12118.41	4019.11	-4023.94	-1014.10	4149.75	194.14	0.56	124.99L
	16453.00	89.58	178.98	12119.05	4114.10	-4118.92	-1012.49	4241.54	193.81	0.13	4.76L
	16548.00	90.06	178.94	12119.35	4209.09	-4213.90	-1010.76	4333.43	193.49	0.51	78.69R
	16643.00	90.13	179.29	12119.19	4304.09	-4308.89	-1009.30	4425.52	193.18	0.38	130.6R
	16737.00	89.89	179.57	12119.17	4398.09	-4402.89	-1008.36	4516.88	192.90	0.39	78.91R
	16832.00	89.99	180.08	12119.27	4493.09	-4497.89	-1008.07	4609.47	192.63	0.55	87.83R
	16927.00	90.24	186.68	12119.08	4587.84	-4592.67	-1013.67	4703.20	192.45	6.95	100.9L
	17022.00	89.82	184.50	12119.03	4682.34	-4687.21	-1022.92	4797.53	192.31	2.34	90.94L
	17116.00	89.79	182.67	12119.35	4776.12	-4781.02	-1028.80	4890.46	192.14	1.95	83.86L
	17211.00	90.06	180.16	12119.47	4871.07	-4875.99	-1031.15	4983.82	191.94	2.66	160.71R
	17305.00	89.86	180.23	12119.54	4965.07	-4969.99	-1031.47	5075.89	191.72	0.23	88.78L
	17495.00	89.89	178.82	12119.95	5155.06	-5159.97	-1029.89	5261.75	191.29	0.74	76.52R
	17589.00	90.24	180.28	12119.85	5249.06	-5253.97	-1029.15	5353.82	191.08	1.60	105.01L
	17684.00	89.65	178.08	12119.94	5344.05	-5348.95	-1027.79	5446.80	190.88	2.40	137.29R
	17779.00	89.52	178.20	12120.63	5439.01	-5443.90	-1024.71	5539.50	190.66	0.19	75.14L
	17874.00	89.65	177.71	12121.32	5533.96	-5538.84	-1021.32	5632.21	190.45	0.53	52.13R
	17968.00	90.07	178.25	12121.55	5627.92	-5632.78	-1018.01	5724.03	190.24	0.73	161.1L
	18062.00	88.96	177.87	12122.34	5721.87	-5726.72	-1014.82	5815.94	190.05	1.25	61.05R
	18157.00	90.10	179.93	12123.12	5816.85	-5821.69	-1013.00	5909.17	189.87	2.48	68.2R
	18252.00	90.20	180.18	12122.87	5911.85	-5916.69	-1013.09	6002.80	189.72	0.28	115.47R
	18346.00	89.10	182.49	12123.45	6005.80	-6010.66	-1015.28	6095.80	189.59	2.72	14.03R
	18441.00	89.14	182.50	12124.90	6100.68	-6105.55	-1019.42	6190.07	189.48	0.04	37.17L
	18535.00	89.76	182.03	12125.81	6194.59	-6199.48	-1023.13	6283.33	189.37	0.83	92.59L
	18630.00	89.69	180.48	12126.26	6289.55	-6294.45	-1025.21	6377.39	189.25	1.63	66.71L
	18725.00	90.37	178.90	12126.21	6384.54	-6389.44	-1024.70	6471.09	189.11	1.81	79.39R
	18820.00	90.92	181.84	12125.14	6479.52	-6484.43	-1025.31	6564.99	188.99	3.15	90R
	18914.00	90.92	182.33	12123.63	6573.43	-6578.35	-1028.73	6658.30	188.89	0.52	104.36L
	19009.00	90.20	179.52	12122.71	6668.39	-6673.32	-1030.26	6752.38	188.78	3.05	94.06L
	19104.00	90.06	177.55	12122.49	6763.37	-6768.29	-1027.84	6845.89	188.63	2.08	104.3R
	19199.00	89.93	178.06	12122.50	6858.31	-6863.22	-1024.20	6939.22	188.49	0.55	146.55L
	19293.00	89.37	177.69	12123.07	6952.26	-6957.15	-1020.71	7031.63	188.35	0.71	8.13R
	19388.00	89.72	177.74	12123.83	7047.20	-7052.07	-1016.92	7125.02	188.21	0.37	129.56R
	19483.00	89.34	178.20	12124.61	7142.15	-7147.01	-1013.56	7218.52	188.07	0.63	124.57R
	19578.00	89.03	178.65	12125.96	7237.12	-7241.96	-1010.95	7312.18	187.95	0.58	50.87R
	19672.00	89.86	179.67	12126.87	7331.11	-7335.95	-1009.57	7405.09	187.84	1.40	96.44R
	19767.00	89.79	180.29	12127.16	7426.11	-7430.95	-1009.54	7499.21	187.74	0.66	53.13L
	19862.00	90.00	180.01	12127.33	7521.10	-7525.94	-1009.79	7593.39	187.64	0.37	116.41L
	19957.00	89.28	178.56	12127.93	7616.09	-7620.93	-1008.60	7687.38	187.54	1.70	22.48R
	20051.00	89.86	178.80	12128.63	7710.08	-7714.90	-1006.43	7780.27	187.43	0.67	62.76R
	20146.00	90.21	179.48	12128.58	7805.07	-7809.89	-1005.01	7874.29	187.33	0.81	90R
	20241.00	90.21	179.56	12128.23	7900.07	-7904.89	-1004.21	7968.42	187.24	0.08	94.72L
	20335.00	90.11	178.35	12127.97	7994.06	-7998.87	-1002.50	8061.45	187.14	1.29	56.82L
	20430.00	90.28	178.09	12127.64	8089.02	-8093.82	-999.55	8155.31	187.04	0.33	98.97R
	20525.00	90.07	179.42	12127.35	8184.01	-8188.80	-997.48	8249.33	186.95	1.42	86.78R
	20619.00	90.17	181.20	12127.16	8278.00	-8282.79	-997.99	8342.70	186.87	1.90	97.64R
	20714.00	89.93	182.99	12127.07	8372.91	-8377.73	-1001.47	8437.37	186.82	1.90	82.25L
	20808.00	90.52	178.65	12126.70	8466.87	-8471.69	-1002.81	8530.84	186.75	4.66	107.16L
	20903.00	89.93	176.74	12126.33	8561.81	-8566.61	-998.99	8624.66	186.65	2.10	51.07R
	20998.00	90.14	177.00	12126.27	8656.69	-8661.47	-993.80	8718.30	186.55	0.35	93.81R
	21092.00	90.04	178.50	12126.12	8750.63	-8755.39	-990.11	8811.20	186.45	1.60	96.97L
	21187.00	89.93	177.60	12126.15	8845.59	-8850.34	-986.88	8905.19	186.36	0.95	87.56R
	21283.00	90.04	180.18	12126.17	8941.57	-8946.31	-985.02	9000.38	186.28	2.69	115.77L
	21377.00	89.76	179.60	12126.34	9035.57	-9040.31	-984.84	9093.80	186.22	0.69	66.11R
	21566.00	90.11	180.39	12126.55	9224.57	-9229.31	-984.82	9281.70	186.09	0.46	117.34L
	21661.00	89.04	178.32	12127.26	9319.55	-9324.29	-983.75	9376.05	186.02	2.45	66.23R
	21755.00	89.93	180.34	12128.10	9413.54	-9418.28	-982.65	9469.40	185.96	2.35	77.83L
	21850.00	90.04	179.83	12128.13	9508.54	-9513.28	-982.80	9563.91	185.90	0.55	93.63R
	21944.00	90.00	180.46	12128.09	9602.54	-9607.28	-983.03	9657.44	185.84	0.67	100.95L
	22038.00	89.94	180.15	12128.14	9696.53	-9701.27	-983.53	9751.00	185.79	0.34	4.4L
	22133.00	90.07	180.14	12128.14	9791.53	-9796.27	-983.77	9845.55	185.73	0.14	111.25L
	22227.00	90.00	179.96	12128.08	9885.53	-9890.27	-983.86	9939.09	185.68	0.21	53.75R
	22322.00	90.11	180.11	12127.99	9980.53	-9985.27	-983.91	10033.63	185.63	0.20	73.61R
	22416.00	90.21	180.45	12127.72	10074.52	-10079.27	-984.37	10127.23	185.58	0.38	82.48R
Actual LTP Cross	*22487.40*	*90.26*	*180.85*	*12127.43*	*10145.91*	*-10150.67*	*-985.19*	*10198.36*	*185.54*	*0.57*	*82.48R*
Last SLB MWD DMAG Survey	22510.00	90.28	180.98	12127.32	10168.51	-10173.26	-985.55	10220.89	185.53	0.57	HS
Projection to Bit	22572.00	90.28	180.98	12127.02	10230.49	-10235.25	-986.61	10282.70	185.51	0.00	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 97.071% Confidence 3.0000 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	32.600	1/98.425	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	32.600	32.600	Act Stns	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	32.600	761.900	Act Stns	30.000	30.000	A001Mb_MWD	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	761.900	4743.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
		1	4743.000	11327.000	Act Stns	30.000	30.000	B002Mb_MWD+HRGM+AX		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	
		1	11327.000	12777.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	
		1	12777.000	22572.000	Act Stns	30.000	30.000	B002Mb_MWD+HRGM+AX		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	

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District IV
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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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45819	98065	WC-025 G-08 S263205N;UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325387	SD 14 23 FED P18	10H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3197'

[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
C	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1405'	WEST	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
M	23	26 SOUTH	32 EAST, N.M.P.M.		25'	SOUTH	990'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320	Infill		

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.

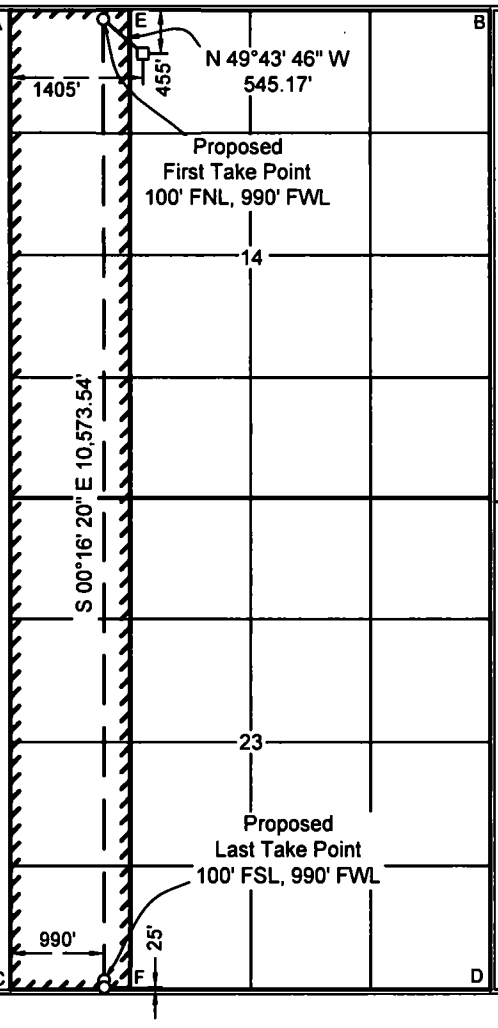
[16]

SD 14 23 FED P18 10H WELL			PROPOSED BOTTOM HOLE LOCATION		
X=	711,986	NAD 27	X=	711,620	NAD 27
Y=	382,198		Y=	371,977	
LAT.	32.048930 N		LAT.	32.020840 N	
LONG.	103.649139 W		LONG.	103.650528 W	
X=	753,173	NAD83/2011	X=	752,808	NAD83/2011
Y=	382,255		Y=	372,034	
LAT.	32.049055 N		LAT.	32.020965 N	
LONG.	103.649610 W		LONG.	103.650997 W	
ELEVATION +3197' NAVD 88					

PROPOSED FIRST TAKE POINT			PROPOSED LAST TAKE POINT		
X=	711,570	NAD 27	X=	711,620	NAD 27
Y=	382,550		Y=	372,052	
LAT.	32.049906 N		LAT.	32.021046 N	
LONG.	103.650475 W		LONG.	103.650528 W	
X=	752,757	NAD83/2011	X=	752,807	NAD83/2011
Y=	382,607		Y=	372,109	
LAT.	32.050031 N		LAT.	32.021171 N	
LONG.	103.650945 W		LONG.	103.650997 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63
E - Y=382652.25, X=711907.34
F - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 6/12/2019 Date

Laura Becerra
Printed Name

LBecerra@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/25/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR

06/12/2019
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

[X] AMENDED REPORT

"As-Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45820	98065	WC-025 G-08 S263205N; UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325387	SD 14 23 FED P18	11H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3197'

[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
C	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1430'	WEST	LEA

[11] Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	26 SOUTH	32 EAST, N.M.P.M.		26'	SOUTH	1673'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640	Defining well		

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]

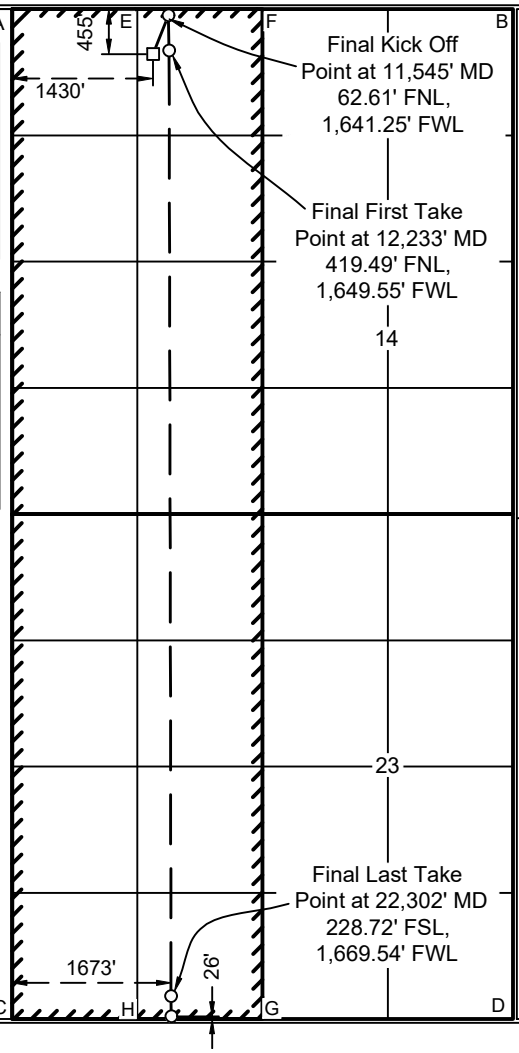
SD 14 23 FED P18 NO. 11H WELL			AS-DRILLED BOTTOM HOLE LOCATION		
X=	712,011	NAD 27	X=	712,303	NAD 27
Y=	382,198		Y=	371,982	
LAT.	32.048930 N		LAT.	32.020842 N	
LONG.	103.649059 W		LONG.	103.648326 W	
X=	753,198	NAD83/2011	X=	753,490	NAD83/2011
Y=	382,255		Y=	372,039	
LAT.	32.049055 N		LAT.	32.020967 N	
LONG.	103.649529 W		LONG.	103.648795 W	
ELEVATION +3197' NAVD 88					

FINAL FIRST TAKE POINT			FINAL LAST TAKE POINT		
X=	712,230	NAD 27	X=	712,298	NAD 27
Y=	382,235		Y=	372,185	
LAT.	32.049028 N		LAT.	32.021400 N	
LONG.	103.648350 W		LONG.	103.648336 W	
X=	753,417	NAD83/2011	X=	753,486	NAD83/2011
Y=	382,292		Y=	372,242	
LAT.	32.049153 N		LAT.	32.021525 N	
LONG.	103.648820 W		LONG.	103.648805 W	

FINAL KICK OFF POINT		
X=	712,221	NAD 27
Y=	382,592	
LAT.	32.050009 N	
LONG.	103.648372 W	
X=	753,408	NAD83/2011
Y=	382,649	
LAT.	32.050134 N	
LONG.	103.648843 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63
E - Y=382652.25, X=711907.34
F - Y=382660.57, X=713234.95
G - Y=371962.12, X=713287.04
H - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 7/22/2020 Date

Laura Becerra
Printed Name

LBecerra@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/25/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES NEW MEXICO 23606 PROFESSIONAL SURVEYOR 04/29/2020

Certificate Number

Intent [ ] As Drilled [X]

API #
30-025-45820

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	11H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	14	26S	32E		63	FNL	1,641	FWL	LEA

Latitude	Longitude	NAD
32.050134	103.648843	NAD 83/86

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	14	26S	32E		420	FNL	1,650	FWL	LEA

Latitude	Longitude	NAD
32.049153	103.648820	NAD 83/86

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	23	26S	32E		229	FSL	1,670	FWL	LEA

Latitude	Longitude	NAD
32.021525	103.648805	NAD 86/86

Is this well the defining well for the Horizontal Spacing Unit? YES

Is this well an infill well? YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

November 6, 2019

Chevron USA INC.
6301 Deauville Blvd
Midland, TX 79706-0000

Re:

S14, T26S, R32E Lea, NM
N 32.049055 W -103.649529

CLIENT: Chevron USA INC.
WELL: SD 14 23 Fed P18 11H
FIELD: Upper Wolfcamp

RIG: Nabors X30
COUNTY: Lea
API NO: 30-025-45820
JOB NO: 19MLI0217

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
Thomas Brady FS	SD 14 23 Fed P18 11H Original Hole	873.00 Ft 22462.00 Ft	to	August 23, 2019 October 11, 2019	to	TelePacer SlimPulse

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

KZ

Well Reference:
S14, T26S, R32E Lea, NM
N 32.049055 W -103.649529

I, Thomas Brady certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of August 23, 2019 through October 11, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 873.00 feet to a depth of 22462.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Chevron USA INC. for the SD 14 23 Fed P18 11H Well (Original Hole) API No. 30-025-45820 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Thomas Brady
FS

Tom Brady

Subscribed and Sworn to before me this 6 day of November (month) 2019 (yr)

My Commission expires:
6/14/2023

Jean-Paul Langlois (signature)
Notary Public
Comanche, Oklahoma
(County State)

Jean-Paul Langlois
Notary Public in and for
STATE OF OKLAHOMA
Commission #19005986
Expires: June 14, 2023

Schlumberger

Chevron

Chevron SD 14 23 Fed P18 11H MWD to 22505ft Survey Report

(Def Survey)

Report Date:	October 11, 2019 - 05:28 PM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	179.730 ° (Grid North)
Field:	NM Lea County (NAD 27)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron SD 14 23 FED Pad 18 / 11H	**TVD Reference Datum:**	RKB = 32.6ft
Well:	SD 14 23 Fed P18 11H	**TVD Reference Elevation:**	3229.600 ft above MSL
Borehole:	SD 14 23 Fed P18 11H	**Seabed / Ground Elevation:**	3197.000 ft above MSL
UWI / API#:	Unknown / 30-025-45820	**Magnetic Declination:**	6.627 °
Survey Name:	Chevron SD 14 23 Fed P18 11H MWD to 22505ft	**Total Gravity Field Strength:**	998.4326mgn (9.80665 Based)
Survey Date:	October 11, 2019	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	301.140 ° / 11226.550 ft / 6.796 / 0.922	**Total Magnetic Field Strength:**	47672.546 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.630 °
Location Lat / Long:	N 32° 2' 56.14945", W 103° 38' 56.61124"	**Declination Date:**	October 11, 2019
Location Grid N/E Y/X:	N 382198.000 ftUS, E 712011.000 ftUS	**Magnetic Declination Model:**	HDGM 2019
CRS Grid Convergence Angle:	0.3631 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99996057	**Grid Convergence Used:**	0.3631 °
Version / Patch:	2.10.782.0	**Total Corr Mag North->Grid North:**	6.2635 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0M
Adjusted KB	33.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	58.39M
First 3rd Party Survey	201.90	1.10	58.39	201.89	-0.84	0.85	1.38	1.62	58.39	0.65	95.39M
	287.90	1.20	95.39	287.87	-1.18	1.20	2.98	3.21	68.10	0.86	230.39M
	375.90	0.20	230.39	375.87	-1.00	1.01	3.78	3.91	74.99	1.53	224.39M
	466.90	0.20	224.39	466.87	-0.78	0.80	3.55	3.63	77.31	0.02	232.39M
	558.90	0.20	232.39	558.87	-0.57	0.59	3.31	3.36	79.95	0.03	121.39M
	651.90	0.40	121.39	651.87	-0.30	0.32	3.45	3.47	84.75	0.55	247.39M
Last 3rd Party Survey	768.90	0.70	247.39	768.86	0.18	-0.17	3.14	3.15	93.09	0.85	296.5M
First SLB MWD Survey	873.00	0.48	296.50	872.96	0.23	-0.22	2.17	2.18	95.79	0.51	287.43M
	968.00	0.55	287.43	967.95	-0.09	0.09	1.38	1.38	86.07	0.11	304.67M
	1062.00	0.62	304.67	1061.95	-0.52	0.52	0.53	0.74	45.43	0.20	17.91M
	1156.00	0.59	17.91	1155.95	-1.27	1.27	0.26	1.29	11.46	0.77	29.64M
	1250.00	1.94	29.64	1249.92	-3.11	3.11	1.19	3.33	20.97	1.45	33.38M
	1345.00	3.50	33.38	1344.81	-6.91	6.93	3.58	7.80	27.34	1.65	31.67M
	1439.00	5.25	31.67	1438.53	-12.95	12.99	7.42	14.96	29.74	1.87	29.04M
	1534.00	6.57	29.04	1533.03	-21.38	21.44	12.34	24.74	29.93	1.42	27.15M
	1628.00	8.07	27.15	1626.26	-31.93	32.01	17.96	36.71	29.30	1.62	4.86R
	1722.00	10.09	28.13	1719.07	-45.03	45.15	24.86	51.54	28.84	2.16	31.68R
	1911.00	10.87	30.65	1904.92	-74.88	75.08	41.75	85.90	29.08	0.48	159.01R
	2100.00	10.63	31.15	2090.60	-105.05	105.33	59.85	121.14	29.61	0.14	169.31R
	2194.00	10.41	31.38	2183.02	-119.67	120.00	68.76	138.30	29.81	0.24	152.46R
	2288.00	10.26	31.82	2275.50	-134.00	134.36	77.59	155.16	30.01	0.18	137.54R
	2383.00	10.01	33.15	2369.02	-148.05	148.46	86.57	171.86	30.25	0.36	121.5L
	2477.00	9.81	31.18	2461.61	-161.70	162.15	95.18	188.03	30.41	0.42	84.21L
	2572.00	9.94	26.01	2555.21	-175.96	176.45	102.97	204.29	30.27	0.94	132.18L
	2666.00	9.78	24.96	2647.82	-190.46	190.98	109.89	220.34	29.92	0.26	169.36L
	2760.00	9.62	24.78	2740.48	-204.79	205.35	116.56	236.12	29.58	0.17	175.76R
	2949.00	8.72	25.22	2927.06	-232.03	232.65	129.28	266.15	29.06	0.48	156.36R
	3043.00	8.30	26.50	3020.02	-244.52	245.16	135.34	280.04	28.90	0.49	17.98R
	3138.00	8.96	27.87	3113.95	-257.17	257.84	141.86	294.29	28.82	0.73	62.87R
	3231.00	9.18	30.45	3205.79	-269.93	270.64	149.01	308.95	28.84	0.50	129.18R
	3326.00	8.85	33.16	3299.61	-282.55	283.29	156.84	323.81	28.97	0.57	1.74L
	3421.00	9.68	33.01	3393.37	-295.32	296.10	165.19	339.07	29.16	0.87	161R
	3515.00	9.55	33.28	3486.05	-308.43	309.25	173.78	354.73	29.33	0.15	112.99R
	3609.00	9.45	34.76	3578.76	-321.25	322.11	182.45	370.19	29.53	0.28	174.64R
	3703.00	8.89	35.10	3671.56	-333.49	334.39	191.03	385.11	29.74	0.60	172.37R
	3797.00	8.14	35.81	3764.52	-344.79	345.73	199.10	398.96	29.94	0.81	164.69R
	3892.00	7.56	37.02	3858.63	-355.20	356.17	206.80	411.86	30.14	0.63	40.15M
	3986.00	7.33	40.15	3951.84	-364.68	365.70	214.39	423.90	30.38	0.50	43.58M
	4080.00	7.04	43.58	4045.10	-373.40	374.45	222.23	435.43	30.69	0.55	41.15M
	4175.00	5.81	41.15	4139.51	-381.20	382.29	229.40	445.84	30.97	1.33	45.42M
	4269.00	5.33	45.42	4233.06	-387.82	388.94	235.64	454.75	31.21	0.67	50.24M
	4362.00	4.32	50.24	4325.73	-393.07	394.21	241.41	462.26	31.48	1.17	43.22M
	4456.00	2.98	43.22	4419.54	-397.09	398.25	245.81	468.00	31.68	1.50	46.12M
	4643.00	2.40	46.12	4606.33	-403.32	404.51	251.96	476.56	31.92	0.32	326.83M
	4832.00	2.31	326.83	4795.22	-409.25	410.44	252.73	482.01	31.62	1.59	265.44M
	4926.00	1.01	265.44	4889.18	-410.78	411.96	250.87	482.34	31.34	2.16	232.87M
	5020.00	1.07	232.87	4983.17	-410.19	411.37	249.34	481.03	31.22	0.62	239.97M
	5115.00	1.17	239.97	5078.15	-409.17	410.35	247.79	479.36	31.13	0.18	234.04M
	5209.00	0.98	234.04	5172.13	-408.23	409.39	246.31	477.78	31.03	0.23	107.43M
	5303.00	0.64	107.43	5266.13	-407.60	408.77	246.16	477.16	31.06	1.55	103.3M
	5397.00	1.21	103.30	5360.11	-407.21	408.38	247.63	477.59	31.23	0.61	102.62M
	5491.00	1.11	102.62	5454.09	-406.77	407.95	249.48	478.19	31.45	0.11	101.35M
	5583.00	1.10	101.35	5546.08	-406.40	407.58	251.22	478.79	31.65	0.03	98.04M
	5676.00	0.87	98.04	5639.06	-406.11	407.31	252.79	479.38	31.83	0.25	87.78M
	5770.00	0.87	87.78	5733.05	-406.03	407.24	254.21	480.07	31.97	0.17	91.91M
	5862.00	0.95	91.91	5825.04	-406.03	407.24	255.67	480.84	32.12	0.11	81.75M
	5956.00	0.92	81.75	5919.03	-406.10	407.32	257.20	481.73	32.27	0.18	85.55M
	6051.00	1.01	85.55	6014.02	-406.27	407.50	258.79	482.73	32.42	0.12	145.33M
	6145.00	0.52	145.33	6108.01	-405.98	407.21	259.86	483.06	32.54	0.93	166.13M
	6238.00	0.89	166.13	6201.00	-404.93	406.16	260.27	482.40	32.65	0.48	171.75M
	6332.00	1.08	171.75	6294.99	-403.34	404.58	260.57	481.23	32.78	0.23	183.13M
	6426.00	0.88	183.13	6388.97	-401.74	402.98	260.66	479.93	32.90	0.30	185.8M
	6521.00	1.01	185.80	6483.96	-400.18	401.42	260.53	478.55	32.99	0.14	260.59M
	6615.00	0.86	260.59	6577.95	-399.25	400.48	259.76	477.34	32.97	1.21	266.86M
	6709.00	1.14	266.86	6671.94	-399.09	400.31	258.13	476.32	32.81	0.32	264.95M
	6804.00	1.31	264.95	6766.91	-398.95	400.16	256.10	475.10	32.62	0.18	17.34M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	6898.00	0.56	17.34	6860.91	-399.30	400.51	255.17	474.88	32.50	1.71	39.17M
	6992.00	1.08	39.17	6954.90	-400.42	401.63	255.86	476.21	32.50	0.64	40.39M
	7086.00	0.73	40.39	7048.88	-401.56	402.77	256.81	477.68	32.52	0.37	38.75M
	7180.00	0.64	38.75	7142.88	-402.42	403.64	257.53	478.80	32.54	0.10	30.05M
	7368.00	0.23	30.05	7330.87	-403.56	404.79	258.37	480.22	32.55	0.22	93.57M
	7462.00	0.24	93.57	7424.87	-403.71	404.94	258.66	480.50	32.57	0.26	354.57M
	7556.00	0.13	354.57	7518.87	-403.81	405.03	258.85	480.68	32.58	0.31	234.16M
	7650.00	0.08	234.16	7612.87	-403.87	405.10	258.79	480.70	32.57	0.20	95.62M
	7745.00	0.11	95.62	7707.87	-403.83	405.05	258.82	480.68	32.58	0.19	219.04M
	7838.00	0.33	219.04	7800.87	-403.61	404.83	258.74	480.46	32.58	0.43	227.13M
	7932.00	0.64	227.13	7894.87	-403.05	404.27	258.19	479.68	32.56	0.34	209.27M
	8027.00	0.93	209.27	7989.86	-402.02	403.23	257.42	478.40	32.55	0.40	219.37M
	8120.00	1.18	219.37	8082.84	-400.62	401.83	256.45	476.69	32.55	0.33	54.75M
	8215.00	0.23	54.75	8177.84	-399.98	401.19	255.98	475.90	32.54	1.48	51.34M
	8310.00	0.85	51.34	8272.83	-400.52	401.74	256.69	476.74	32.58	0.65	70.62M
	8404.00	0.45	70.62	8366.83	-401.08	402.30	257.58	477.69	32.63	0.48	123.28M
	8497.00	0.34	123.28	8459.82	-401.05	402.27	258.16	477.98	32.69	0.39	144.23M
	8591.00	0.41	144.23	8553.82	-400.62	401.84	258.59	477.85	32.76	0.16	180.3M
	8685.00	0.63	180.30	8647.82	-399.83	401.05	258.78	477.29	32.83	0.41	186.33M
	8779.00	1.13	186.33	8741.81	-398.39	399.61	258.67	476.03	32.92	0.54	187.62M
	8874.00	0.86	187.62	8836.79	-396.75	397.98	258.48	474.55	33.00	0.29	178.28M
	8969.00	0.64	178.28	8931.78	-395.52	396.74	258.40	473.47	33.08	0.26	204.18M
	9063.00	0.62	204.18	9025.78	-394.53	395.75	258.21	472.53	33.12	0.30	194.41M
	9157.00	0.91	194.41	9119.77	-393.34	394.56	257.81	471.32	33.16	0.34	211.4M
	9251.00	1.01	211.40	9213.76	-391.92	393.13	257.19	469.79	33.19	0.32	240.7M
	9346.00	1.15	240.70	9308.74	-390.74	391.95	255.93	468.11	33.14	0.59	255.71M
	9441.00	1.35	255.71	9403.72	-390.01	391.21	254.01	466.44	33.00	0.40	260.06M
	9535.00	1.51	260.06	9497.69	-389.53	390.72	251.72	464.79	32.79	0.21	252.52M
	9724.00	1.18	252.52	9686.64	-388.54	389.71	247.41	461.61	32.41	0.20	351.99M
	9818.00	0.52	351.99	9780.63	-388.67	389.84	246.43	461.19	32.30	1.45	354.87M
	10006.00	0.52	354.87	9968.62	-390.37	391.53	246.23	462.52	32.17	0.01	323.61M
	10101.00	0.68	323.61	10063.62	-391.25	392.42	245.86	463.07	32.07	0.38	329.22M
	10195.00	0.60	329.22	10157.61	-392.13	393.29	245.28	463.50	31.95	0.11	318.1M
	10288.00	0.57	318.10	10250.61	-392.89	394.05	244.72	463.86	31.84	0.13	321.84M
	10383.00	0.76	321.84	10345.60	-393.74	394.90	244.01	464.21	31.71	0.21	352.11M
	10477.00	0.50	352.11	10439.59	-394.64	395.79	243.57	464.74	31.61	0.44	2.51M
	10570.00	0.71	2.51	10532.59	-395.62	396.77	243.54	465.55	31.54	0.25	340.04M
	10664.00	0.75	340.04	10626.58	-396.78	397.93	243.36	466.45	31.45	0.31	261.6M
	10758.00	0.76	261.60	10720.58	-397.27	398.42	242.53	466.43	31.33	1.02	265.25M
	10852.00	1.80	265.25	10814.55	-397.07	398.21	240.44	465.17	31.12	1.11	284.25M
	10947.00	2.34	284.25	10909.49	-397.44	398.56	237.07	463.74	30.75	0.91	269.79M
	11041.00	2.80	269.79	11003.40	-397.92	399.02	232.92	462.03	30.27	0.84	259.76M
	11134.00	2.56	259.76	11096.29	-397.56	398.65	228.60	459.54	29.83	0.57	263.4M
	11228.00	2.13	263.40	11190.22	-397.01	398.07	224.80	457.16	29.45	0.48	258.23M
	11338.00	2.05	258.23	11300.14	-396.39	397.44	220.85	454.67	29.06	0.19	263.01M
	11433.00	2.72	263.01	11395.06	-395.79	396.81	216.94	452.25	28.67	0.74	273.86M
	11527.00	2.83	273.86	11488.95	-395.69	396.70	212.42	449.99	28.17	0.57	186.98M
	11621.00	9.48	186.98	11582.48	-388.16	389.15	209.15	441.80	28.26	10.36	12.76L
	11716.00	17.64	180.96	11674.75	-365.97	366.96	207.96	421.79	29.54	8.71	0.37R
Heel HL Cross	*11748.82*	*20.44*	*181.01*	*11705.78*	*-355.27*	*356.25*	*207.77*	*412.42*	*30.25*	*8.53*	*0.32R*
	11812.00	25.83	181.08	11763.85	-330.46	331.44	207.32	390.94	32.03	8.53	6.54L
	11907.00	34.65	179.31	11845.85	-282.67	283.65	207.25	351.30	36.15	9.33	5.36L
	12002.00	45.80	177.86	11918.27	-221.44	222.42	208.86	305.11	43.20	11.78	8.98L
	12097.00	52.06	176.61	11980.65	-149.92	150.92	212.35	260.52	54.60	6.66	12.19L
	12192.00	58.95	174.88	12034.42	-71.87	72.90	218.20	230.06	71.53	7.41	5.07L
	12287.00	71.33	173.73	12074.29	13.77	-12.70	226.78	227.14	93.21	13.08	25.74R
	12382.00	81.64	178.70	12096.47	105.81	-104.72	232.78	255.25	114.22	11.98	33.4R
	12477.00	83.45	179.90	12108.80	200.00	-198.90	233.93	307.06	130.37	2.28	43.6L
	12572.00	85.97	177.50	12117.56	294.57	-293.46	236.08	376.63	141.18	3.66	18.87R
	12666.00	87.90	178.16	12122.58	388.38	-387.25	239.63	455.40	148.25	2.17	9.64L
	12760.00	90.55	177.71	12123.85	482.31	-481.17	243.02	539.06	153.20	2.86	148.69L
	12821.00	87.97	176.14	12124.64	543.23	-542.07	246.29	595.40	155.57	4.95	93.68R
	12970.00	87.70	180.43	12130.27	692.04	-690.86	250.75	734.96	160.05	2.88	39.8L
	13064.00	89.97	178.54	12132.18	786.01	-784.83	251.59	824.17	162.23	3.14	87.66R
	13158.00	90.07	180.99	12132.15	880.00	-878.82	251.98	914.23	164.00	2.61	86.69R
	13252.00	90.14	182.20	12131.98	973.95	-972.78	249.36	1004.24	165.62	1.29	90R
	13346.00	90.14	182.69	12131.75	1067.84	-1066.70	245.35	1094.55	167.05	0.52	103.42L
	13440.00	89.93	181.81	12131.69	1161.75	-1160.62	241.66	1185.52	168.24	0.96	128.99L
	13534.00	89.76	181.60	12131.95	1255.69	-1254.58	238.86	1277.12	169.22	0.29	87.32L
	13629.00	89.79	180.96	12132.32	1350.66	-1349.56	236.74	1370.16	170.05	0.67	93.3R
	13723.00	89.76	181.48	12132.69	1444.63	-1443.54	234.74	1462.50	170.76	0.55	126.87L
	13817.00	89.73	181.44	12133.11	1538.58	-1537.50	232.34	1554.96	171.41	0.05	83.89R
	13911.00	89.76	181.72	12133.52	1632.53	-1631.47	229.75	1647.57	171.98	0.30	78.92R
	14005.00	90.24	184.17	12133.52	1726.38	-1725.34	224.92	1739.93	172.57	2.66	100.05L
	14100.00	90.10	183.38	12133.24	1821.14	-1820.13	218.67	1833.22	173.15	0.84	111.56L
	14194.00	88.08	178.26	12134.74	1915.07	-1914.07	217.32	1926.37	173.52	5.85	139.07R
	14288.00	82.99	182.71	12142.06	2008.73	-2007.73	216.54	2019.37	173.84	7.18	108.32R
First DMAG Correction	14382.00	81.64	186.89	12154.63	2101.49	-2100.53	208.76	2110.88	174.32	4.63	12.24L
	14476.00	85.83	185.98	12164.89	2194.27	-2193.36	198.29	2202.31	174.83	4.56	31.9L
	14579.00	89.24	183.86	12169.32	2296.73	-2295.87	189.47	2303.67	175.28	3.90	76.89L
	14664.00	89.72	181.80	12170.09	2381.60	-2380.75	185.27	2387.95	175.55	2.49	52.21L
	14759.00	91.34	179.71	12169.21	2476.57	-2475.73	184.02	2482.56	175.75	2.78	81.59L
	14853.00	91.72	177.13	12166.70	2570.51	-2569.66	186.61	2576.42	175.85	2.77	75.94L
	15041.00	91.92	176.33	12160.73	2758.15	-2757.25	197.33	2764.31	175.91	0.44	125.55R
	15135.00	91.82	176.47	12157.66	2851.94	-2851.02	203.23	2858.25	175.92	0.18	86.44R
	15230.00	91.92	178.09	12154.56	2946.80	-2945.86	207.73	2953.17	175.97	1.71	98.36R
	15324.00	91.82	178.77	12151.49	3040.73	-3039.77	210.31	3047.04	176.04	0.73	30.24R
	15418.00	92.06	178.91	12148.31	3134.66	-3133.70	212.21	3140.88	176.13	0.30	119.41L
	15512.00	90.31	175.81	12146.37	3228.55	-3227.56	216.54	3234.82	176.16	3.79	100.65R
	15607.00	89.96	177.67	12146.14	3323.41	-3322.41	221.94	3329.81	176.18	1.99	91.07R
	15701.00	89.92	179.82	12146.24	3417.39	-3416.38	224.00	3423.71	176.25	2.29	63.43R
	15795.00	90.34	180.66	12146.03	3511.39	-3510.38	223.60	3517.49	176.36	1.00	140.36R
	15889.00	89.99	180.95	12145.76	3605.37	-3604.37	222.28	3611.21	176.47	0.48	24.44L
	15984.00	90.54	180.70	12145.32	3700.35	-3699.35	220.92	3705.94	176.58	0.64	175.83L
	16078.00	89.58	180.63	12145.22	3794.34	-3793.35	219.83	3799.71	176.68	1.02	71.57R

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	16172.00	89.75	181.14	12145.77	3888.32	-3887.33	218.37	3893.46	176.78	0.57	68.75L
	16267.00	89.89	180.78	12146.07	3983.30	-3982.32	216.78	3988.22	176.88	0.41	116L
	16362.00	89.69	180.37	12146.42	4078.29	-4077.31	215.83	4083.02	176.97	0.48	32.83L
	16457.00	90.00	180.17	12146.67	4173.28	-4172.31	215.38	4177.87	177.04	0.39	103.24L
	16552.00	89.72	178.98	12146.90	4268.28	-4267.31	216.09	4272.77	177.10	1.29	82.26L
	16647.00	89.89	177.73	12147.23	4363.25	-4362.27	218.81	4367.75	177.13	1.33	95.57R
	16741.00	89.85	178.14	12147.44	4457.20	-4456.20	222.20	4461.74	177.15	0.44	84.47R
	16836.00	90.06	180.31	12147.52	4552.19	-4551.19	223.48	4556.67	177.19	2.29	55.77R
	16931.00	90.72	181.28	12146.87	4647.17	-4646.18	222.17	4651.49	177.26	1.23	66.5L
	17026.00	90.82	181.05	12145.59	4742.13	-4741.15	220.24	4746.26	177.34	0.26	118.34L
	17120.00	90.41	180.29	12144.58	4836.11	-4835.14	219.14	4840.10	177.41	0.92	178.36L
	17215.00	90.06	180.28	12144.19	4931.11	-4930.13	218.66	4934.98	177.46	0.37	154.49R
	17309.00	89.62	180.49	12144.46	5025.10	-5024.13	218.03	5028.86	177.52	0.52	104.16L
	17404.00	89.00	178.03	12145.60	5120.08	-5119.11	219.26	5123.80	177.55	2.67	46.64R
	17499.00	89.34	178.39	12146.98	5215.04	-5214.05	222.23	5218.79	177.56	0.52	60.07R
	17593.00	89.72	179.05	12147.75	5309.02	-5308.02	224.33	5312.76	177.58	0.81	95.86R
	17688.00	89.68	179.44	12148.25	5404.02	-5403.01	225.58	5407.72	177.61	0.41	178.88L
	17783.00	89.17	179.43	12149.20	5499.01	-5498.00	226.51	5502.67	177.64	0.54	50.69R
	17878.00	90.30	180.81	12149.64	5594.00	-5593.00	226.31	5597.58	177.68	1.88	111.8L
	17972.00	89.92	179.86	12149.46	5688.00	-5687.00	225.77	5691.48	177.73	1.09	126.46L
	18066.00	88.62	178.10	12150.66	5781.98	-5780.97	227.44	5785.44	177.75	2.33	67.52R
	18161.00	88.86	178.68	12152.74	5876.93	-5875.91	230.11	5880.41	177.76	0.66	79.82L
	18256.00	89.31	176.18	12154.26	5971.83	-5970.79	234.37	5975.39	177.75	2.67	79.01R
	18350.00	89.65	177.93	12155.11	6065.72	-6064.66	239.19	6069.38	177.74	1.90	103.13L
	18445.00	89.10	175.57	12156.15	6160.58	-6159.49	244.58	6164.35	177.73	2.55	50.53L
	18539.00	89.24	175.40	12157.51	6254.31	-6253.19	251.98	6258.27	177.69	0.23	69.03R
	18634.00	89.93	177.20	12158.20	6349.13	-6347.99	258.11	6353.23	177.67	2.03	87.17R
	18729.00	90.17	182.05	12158.12	6444.11	-6442.96	258.73	6448.15	177.70	5.11	44.35R
	18824.00	90.62	182.49	12157.46	6539.01	-6537.88	254.97	6542.85	177.77	0.66	112.72L
	18918.00	90.00	181.01	12156.95	6632.95	-6631.83	252.10	6636.62	177.82	1.71	84.29L
	19013.00	90.03	180.71	12156.93	6727.93	-6726.82	250.67	6731.49	177.87	0.32	48.81L
	19108.00	90.10	180.63	12156.82	6822.92	-6821.81	249.56	6826.38	177.90	0.11	96.51L
	19203.00	89.93	179.14	12156.80	6917.91	-6916.81	249.75	6921.32	177.93	1.58	75.09R
	19297.00	90.34	180.68	12156.58	7011.91	-7010.81	249.90	7015.26	177.96	1.70	138.46L
	19392.00	89.55	179.98	12156.67	7106.90	-7105.81	249.35	7110.18	177.99	1.11	88.63L
	19487.00	89.58	178.73	12157.39	7201.90	-7200.80	250.42	7205.15	178.01	1.32	30.37R
	19582.00	90.86	179.48	12157.02	7296.89	-7295.78	251.90	7300.13	178.02	1.56	123.21L
	19676.00	90.31	178.64	12156.06	7390.87	-7389.76	253.45	7394.11	178.04	1.07	158.46R
	19771.00	89.93	178.79	12155.86	7485.86	-7484.74	255.58	7489.10	178.04	0.43	20.1R
	19866.00	90.34	178.94	12155.64	7580.85	-7579.72	257.46	7584.09	178.05	0.46	113.2L
	20055.00	89.86	177.82	12155.31	7769.79	-7768.64	262.80	7773.08	178.06	0.64	92.6L
	20150.00	89.79	176.28	12155.60	7864.68	-7863.51	267.69	7868.06	178.05	1.62	106.93L
	20245.00	89.72	176.05	12156.01	7959.50	-7958.30	274.04	7963.01	178.03	0.25	145.31L
	20339.00	89.59	175.96	12156.57	8053.30	-8052.07	280.59	8056.95	178.00	0.17	78.15R
	20434.00	90.10	178.39	12156.83	8148.20	-8146.94	285.28	8151.94	177.99	2.61	74.48R
	20529.00	90.96	181.49	12155.95	8243.18	-8241.93	285.37	8246.86	178.02	3.39	104.24L
	20623.00	90.34	179.05	12154.88	8337.16	-8335.91	284.93	8340.78	178.04	2.68	96.34L
	20718.00	90.31	178.78	12154.35	8432.15	-8430.89	286.73	8435.77	178.05	0.29	90L
	20812.00	90.31	177.75	12153.84	8526.12	-8524.85	289.58	8529.76	178.05	1.10	92.08R
	20907.00	90.27	178.85	12153.36	8621.08	-8619.80	292.40	8624.76	178.06	1.16	77.9R
	21002.00	90.48	179.83	12152.73	8716.08	-8714.79	293.49	8719.73	178.07	1.05	115.12R
	21096.00	89.65	181.60	12152.63	8810.06	-8808.78	292.32	8813.63	178.10	2.08	62.68R
	21191.00	89.96	182.20	12152.95	8904.99	-8903.73	289.17	8908.42	178.14	0.71	118.3R
	21287.00	89.89	182.33	12153.08	9000.90	-8999.65	285.37	9004.18	178.18	0.15	86.44L
	21476.00	90.10	178.96	12153.09	9189.85	-9188.61	283.25	9192.98	178.23	1.79	90R
	21570.00	90.10	180.34	12152.93	9283.84	-9282.61	283.82	9286.95	178.25	1.47	55.01R
	21665.00	90.24	180.54	12152.65	9378.84	-9377.61	283.09	9381.88	178.27	0.26	141.12L
	21759.00	89.93	180.29	12152.51	9472.83	-9471.60	282.41	9475.81	178.29	0.42	164.05L
	21854.00	89.86	180.27	12152.68	9567.82	-9566.60	281.95	9570.76	178.31	0.08	10.44R
	21948.00	90.24	180.34	12152.60	9661.82	-9660.60	281.44	9664.70	178.33	0.41	168.37R
	22042.00	89.90	180.41	12152.49	9755.81	-9754.60	280.83	9758.64	178.35	0.37	118.3L
	22137.00	89.83	180.28	12152.71	9850.81	-9849.60	280.26	9853.58	178.37	0.16	45R
	22231.00	90.10	180.55	12152.77	9944.80	-9943.59	279.58	9947.52	178.39	0.41	105.12L
	22326.00	89.90	179.81	12152.77	10039.80	-10038.59	279.28	10042.48	178.41	0.81	90L
	22420.00	89.90	177.46	12152.93	10133.77	-10132.56	281.52	10136.47	178.41	2.50	73.1R
Toe HL Cross	*22429.56*	*90.05*	*177.95*	*12152.93*	*10143.33*	*-10142.11*	*281.90*	*10146.03*	*178.41*	*5.33*	*73.1R*
Last SLB MWD DMAG Survey	22462.00	90.55	179.60	12152.77	10175.76	-10174.54	282.59	10178.47	178.41	5.33	HS
Projection to Bit	22505.00	90.55	179.60	12152.35	10218.76	-10217.54	282.89	10221.45	178.41	0.00	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 97.071% Confidence 3.0000 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	32.600	1/98.425	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 11H / Chevron SD 14 23 Fed P18 11H MWD to
	1	32.600	32.600	Act Stns	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 11H / Chevron SD 14 23 Fed P18 11H MWD to
	1	32.600	768.900	Act Stns	30.000	30.000	A001Mb_MWD	SD 14 23 Fed P18 11H / Chevron SD 14 23 Fed P18 11H MWD to
	1	768.900	14382.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	SD 14 23 Fed P18 11H / Chevron SD 14 23 Fed P18 11H MWD to
	1	14382.000	22505.000	Act Stns	30.000	30.000	B002Mb_MWD+HRGM+AX	SD 14 23 Fed P18 11H / Chevron SD 14 23 Fed P18 11H MWD to

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

[X] AMENDED REPORT
"As-Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45821	98065	WC-025 G-08 S263205N; UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325387	SD 14 23 FED P18	12H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3197'

[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
C	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1455'	WEST	LEA

[11] Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	23	26 SOUTH	32 EAST, N.M.P.M.		26'	SOUTH	2301'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640	Infill		

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]

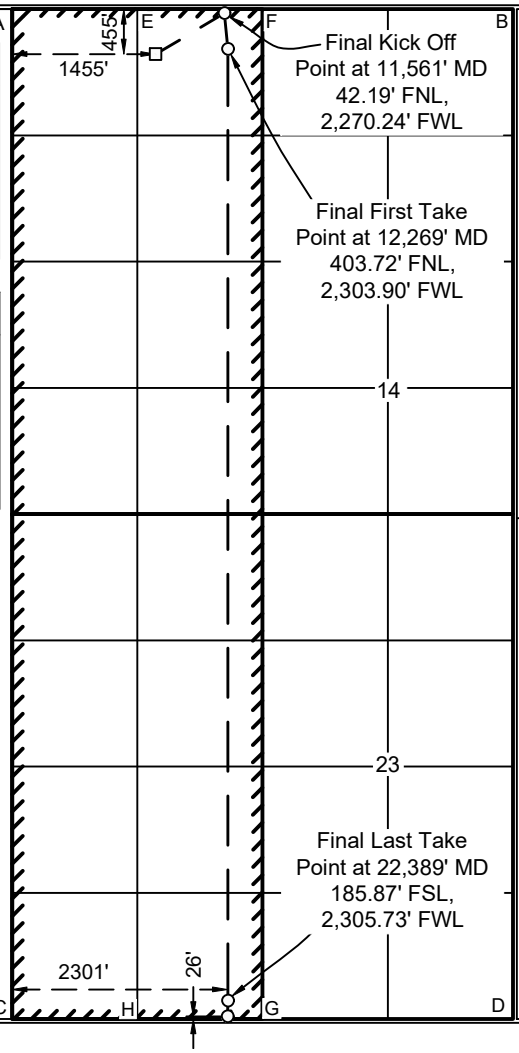
SD 14 23 FED P18 NO. 12H WELL		AS-DRILLED BOTTOM HOLE LOCATION	
X= 712,036	NAD 27	X= 712,931	NAD 27
Y= 382,198		Y= 371,986	
LAT. 32.048930 N		LAT. 32.020842 N	
LONG. 103.648978 W		LONG. 103.646299 W	
X= 753,223	NAD83/2011	X= 754,118	NAD83/2011
Y= 382,255		Y= 372,043	
LAT. 32.049055 N		LAT. 32.020968 N	
LONG. 103.649448 W		LONG. 103.646768 W	
ELEVATION +3197' NAVD 88			

FINAL FIRST TAKE POINT		FINAL LAST TAKE POINT	
X= 712,885	NAD 27	X= 712,935	NAD 27
Y= 382,255		Y= 372,146	
LAT. 32.049071 N		LAT. 32.021282 N	
LONG. 103.646238 W		LONG. 103.646283 W	
X= 754,072	NAD83/2011	X= 754,122	NAD83/2011
Y= 382,312		Y= 372,203	
LAT. 32.049196 N		LAT. 32.021407 N	
LONG. 103.646708 W		LONG. 103.646752 W	

FINAL KICK OFF POINT	
X= 712,850	NAD 27
Y= 382,616	
LAT. 32.050065 N	
LONG. 103.646342 W	
X= 754,037	NAD83/2011
Y= 382,673	
LAT. 32.050190 N	
LONG. 103.646812 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63
E - Y=382652.25, X=711907.34
F - Y=382660.57, X=713234.95
G - Y=371962.12, X=713287.04
H - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature — 7/20/2020 Date

Laura Becerra
Printed Name

LBecerra@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/25/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23606
PROFESSIONAL SURVEYOR

04/29/2020

Certificate Number

Intent [ ] As Drilled [X]

API #
30-025-45821

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	12H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	14	26S	32E		42	FNL	2,270	FWL	LEA

Latitude	Longitude	NAD
32.050190	103.646812	NAD 83/86

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	14	26S	32E		404	FNL	2,304	FWL	LEA

Latitude	Longitude	NAD
32.049196	103.646708	NAD 83/86

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	23	26S	32E		186	FSL	2,306	FWL	LEA

Latitude	Longitude	NAD
32.021407	103.646752	NAD 86/86

Is this well the defining well for the Horizontal Spacing Unit? NO

Is this well an infill well? YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-025-45820

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	11H

KZ 06/29/2018

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

November 18, 2019

Chevron USA Incorporated
6301 Deauville Blvd.
Midland, TX 79706

Re:

S14, T26S, R32E Lea, NM
N 32.049055 W -103.649448

CLIENT: Chevron USA Incorporated
WELL: SD 14 23 Fed P18 12H
FIELD: Upper Wolfcamp

RIG: Nabors X30
COUNTY: Lea
API NO: 30-025-45821
JOB NO: 19MLI0218

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
Tom Brady FS	SD 14 23 Fed P18 12H Original Hole	872.00 Ft 22501.00 Ft	to	September 2, 2019 September 22, 2019	to	TelePacer SlimPulse

Reservoir Development
Schlumberger Drilling and Measurements
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Well Reference:
S14, T26S, R32E Lea, NM
N 32.049055 W -103.649448

I, Tom Brady certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of September 02, 2019 through September 22, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 872.00 feet to a depth of 22501.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Chevron USA Incorporated for the SD 14 23 Fed P18 12H Well (Original Hole) API No. 30-025-45821 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Tom Brady
FS

Tom Brady

Subscribed and Sworn to before me this 18 day of November (month) 2019 (yr)

My Commission expires:
6/14/2023

Jean-Paul Langlois (signature)
Notary Public
Comanche, Oklahoma
(County State)

Jean-Paul Langlois
Notary Public in and for
STATE OF OKLAHOMA
Commission #19005986
Expires: June 14, 2023

Schlumberger

Chevron

Chevron SD 14 23 Fed P18 12H MWD to 22549ft Survey Geodetic Report

(Def Survey)

Report Date:	September 23, 2019 - 09:14 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	179.730 ° (Grid North)
Field:	NM Lea County (NAD 27)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron SD 14 23 FED Pad 18 / 12H	**TVD Reference Datum:**	RKB = 32.6ft
Well:	SD 14 23 Fed P18 12H	**TVD Reference Elevation:**	3229.600 ft above
Borehole:	SD 14 23 Fed P18 12H	**Seabed / Ground Elevation:**	3197.000 ft above
UWI / API#:	Unknown / 30-025-45821	**Magnetic Declination:**	6.632 °
Survey Name:	Chevron SD 14 23 Fed P18 12H MWD to 22549ft	**Total Gravity Field Strength:**	998.4326mgn (9.80665 Based)
Survey Date:	September 22, 2019	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	244.200 ° / 11657.850 ft / 6.723 / 0.959	**Total Magnetic Field Strength:**	47678.168 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.632 °
Location Lat / Long:	N 32° 2' 56.14789", W 103° 38' 56.32078"	**Declination Date:**	September 22, 2019
Location Grid N/E Y/X:	N 382198.000 ftUS, E 712036.000 ftUS	**Magnetic Declination Model:**	HDGM 2019
CRS Grid Convergence Angle:	0.3632 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99996059	**Grid Convergence Used:**	0.3632 °
Version / Patch:	2.10.782.0	**Total Corr Mag North->Grid North:**	6.2688 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	382198.00	712036.00	N 32 2 56.15	W 103 38 56.32
Adjusted KB	33.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	382198.00	712036.00	N 32 2 56.15	W 103 38 56.32
First 3rd Party Survey	199.70	1.80	45.39	199.67	-1.83	1.84	1.86	1.08	382199.84	712037.86	N 32 2 56.17	W 103 38 56.30
	286.70	1.30	62.39	286.64	-3.24	3.26	3.71	0.77	382201.26	712039.71	N 32 2 56.18	W 103 38 56.28
	374.70	1.00	52.39	374.62	-4.16	4.19	5.20	0.41	382202.19	712041.20	N 32 2 56.19	W 103 38 56.26
	464.70	1.20	23.39	464.61	-5.50	5.53	6.20	0.65	382203.53	712042.20	N 32 2 56.20	W 103 38 56.25
	556.70	1.40	62.39	556.59	-6.90	6.94	7.58	0.97	382204.94	712043.58	N 32 2 56.22	W 103 38 56.23
	649.70	1.40	18.39	649.56	-8.50	8.54	8.94	1.13	382206.54	712044.94	N 32 2 56.23	W 103 38 56.22
Last 3rd Party Survey	767.70	0.90	348.39	767.54	-10.77	10.82	9.21	0.65	382208.82	712045.21	N 32 2 56.25	W 103 38 56.21
First SLB MWD Survey	872.00	0.68	29.85	871.83	-12.11	12.16	9.36	0.57	382210.16	712045.36	N 32 2 56.27	W 103 38 56.21
	968.00	1.72	31.90	967.81	-13.82	13.87	10.40	1.08	382211.87	712046.40	N 32 2 56.28	W 103 38 56.20
	1062.00	2.26	29.26	1061.75	-16.63	16.69	12.05	0.58	382214.69	712048.05	N 32 2 56.31	W 103 38 56.18
	1156.00	3.18	38.06	1155.64	-20.29	20.36	14.56	1.07	382218.36	712050.56	N 32 2 56.35	W 103 38 56.15
	1250.00	4.38	42.69	1249.44	-24.96	25.05	18.61	1.32	382223.05	712054.61	N 32 2 56.39	W 103 38 56.10
	1345.00	4.77	43.39	1344.13	-30.47	30.59	23.78	0.41	382228.58	712059.78	N 32 2 56.45	W 103 38 56.04
	1439.00	5.45	46.76	1437.76	-36.34	36.48	29.72	0.79	382234.48	712065.71	N 32 2 56.51	W 103 38 55.97
	1533.00	6.38	54.13	1531.26	-42.43	42.60	37.20	1.28	382240.60	712073.20	N 32 2 56.57	W 103 38 55.89
	1627.00	7.29	63.19	1624.59	-48.13	48.35	46.76	1.50	382246.35	712082.75	N 32 2 56.62	W 103 38 55.77
	1722.00	9.08	70.43	1718.62	-53.30	53.58	59.20	2.17	382251.58	712095.20	N 32 2 56.67	W 103 38 55.63
	1816.00	10.90	71.23	1811.19	-58.58	58.93	74.60	1.94	382256.93	712110.60	N 32 2 56.73	W 103 38 55.45
	1911.00	11.31	70.26	1904.42	-64.53	64.96	91.88	0.47	382262.96	712127.87	N 32 2 56.78	W 103 38 55.25
	2005.00	12.55	71.43	1996.38	-70.81	71.33	110.24	1.34	382269.33	712146.23	N 32 2 56.85	W 103 38 55.03
	2194.00	12.13	72.70	2181.02	-83.07	83.77	148.66	0.26	382281.77	712184.65	N 32 2 56.97	W 103 38 54.59
	2289.00	12.64	67.61	2273.81	-89.91	90.70	167.80	1.27	382288.70	712203.79	N 32 2 57.03	W 103 38 54.36
	2384.00	12.70	65.35	2366.50	-98.14	99.02	186.90	0.53	382297.01	712222.89	N 32 2 57.12	W 103 38 54.14
	2478.00	12.40	66.00	2458.25	-106.46	107.43	205.51	0.35	382305.43	712241.50	N 32 2 57.20	W 103 38 53.93
	2573.00	12.20	66.60	2551.07	-114.51	115.57	224.04	0.25	382313.56	712260.03	N 32 2 57.28	W 103 38 53.71
	2667.00	12.79	65.45	2642.84	-122.69	123.83	242.62	0.68	382321.83	712278.61	N 32 2 57.36	W 103 38 53.49
	2761.00	13.06	65.33	2734.46	-131.36	132.59	261.74	0.29	382330.58	712297.73	N 32 2 57.44	W 103 38 53.27
	2855.00	12.44	64.68	2826.14	-140.03	141.35	280.54	0.68	382339.35	712316.53	N 32 2 57.53	W 103 38 53.05
	2950.00	12.51	64.94	2918.90	-148.68	150.09	299.11	0.09	382348.08	712335.10	N 32 2 57.61	W 103 38 52.83
	3044.00	12.10	66.01	3010.74	-156.91	158.41	317.34	0.50	382356.40	712353.32	N 32 2 57.70	W 103 38 52.62
	3138.00	12.90	65.97	3102.51	-165.10	166.68	335.92	0.85	382364.68	712371.91	N 32 2 57.78	W 103 38 52.41
	3231.00	13.01	66.22	3193.14	-173.46	175.13	354.98	0.13	382373.13	712390.97	N 32 2 57.86	W 103 38 52.18
	3326.00	12.53	67.57	3285.79	-181.61	183.38	374.29	0.59	382381.37	712410.28	N 32 2 57.94	W 103 38 51.96
	3515.00	11.12	67.73	3470.78	-196.17	198.11	410.11	0.75	382396.10	712446.09	N 32 2 58.08	W 103 38 51.54
	3609.00	12.48	64.08	3562.79	-203.96	205.98	427.64	1.65	382403.97	712463.62	N 32 2 58.16	W 103 38 51.34
	3797.00	10.73	62.66	3746.94	-220.72	222.90	461.45	0.94	382420.89	712497.44	N 32 2 58.32	W 103 38 50.94
	3892.00	11.71	60.60	3840.13	-229.44	231.69	477.71	1.11	382429.69	712513.69	N 32 2 58.41	W 103 38 50.75
	4080.00	13.90	68.22	4023.45	-247.01	249.44	515.31	1.47	382447.43	712551.29	N 32 2 58.58	W 103 38 50.32
	4175.00	13.11	69.69	4115.82	-254.89	257.42	536.01	0.91	382455.41	712571.99	N 32 2 58.66	W 103 38 50.07
	4269.00	12.71	72.14	4207.45	-261.67	264.29	555.85	0.72	382462.28	712591.83	N 32 2 58.73	W 103 38 49.84
	4362.00	12.22	75.33	4298.26	-267.21	269.92	575.11	0.91	382467.91	712611.08	N 32 2 58.78	W 103 38 49.62
	4515.00	10.78	77.40	4448.18	-274.29	277.14	604.74	0.98	382475.13	712640.71	N 32 2 58.85	W 103 38 49.27
	4646.00	11.02	70.65	4576.82	-281.00	283.96	628.51	0.99	382481.95	712664.48	N 32 2 58.92	W 103 38 49.00
	4740.00	12.88	65.70	4668.79	-288.20	291.25	646.54	2.26	382489.24	712682.51	N 32 2 58.99	W 103 38 48.79
	4834.00	14.34	65.37	4760.14	-297.27	300.41	666.67	1.56	382498.40	712702.64	N 32 2 59.08	W 103 38 48.55
	4929.00	14.56	63.85	4852.14	-307.33	310.58	688.08	0.46	382508.57	712724.05	N 32 2 59.18	W 103 38 48.30
	5022.00	13.24	61.97	4942.41	-317.40	320.74	707.98	1.50	382518.72	712743.95	N 32 2 59.28	W 103 38 48.07
	5117.00	11.55	58.37	5035.20	-327.41	330.84	725.68	1.96	382528.82	712761.65	N 32 2 59.38	W 103 38 47.87
	5212.00	9.40	54.63	5128.61	-336.83	340.32	740.10	2.37	382538.30	712776.07	N 32 2 59.47	W 103 38 47.70
	5306.00	9.53	54.77	5221.33	-345.70	349.25	752.72	0.14	382547.24	712788.69	N 32 2 59.56	W 103 38 47.55
	5400.00	9.03	57.71	5314.10	-354.07	357.68	765.31	0.73	382555.66	712801.28	N 32 2 59.64	W 103 38 47.40
	5494.00	7.64	66.09	5407.11	-360.49	364.15	777.26	1.96	382562.14	712813.23	N 32 2 59.70	W 103 38 47.26
	5585.00	6.78	71.05	5497.39	-364.63	368.35	787.87	1.17	382566.33	712823.84	N 32 2 59.74	W 103 38 47.14
	5772.00	4.67	67.46	5683.45	-371.05	374.85	805.34	1.14	382572.84	712841.31	N 32 2 59.81	W 103 38 46.94
	5864.00	4.98	64.47	5775.12	-374.18	378.01	812.41	0.43	382575.99	712848.37	N 32 2 59.84	W 103 38 46.85
	5958.00	4.24	67.24	5868.82	-377.25	381.11	819.29	0.82	382579.10	712855.26	N 32 2 59.87	W 103 38 46.77
	6053.00	2.84	74.74	5963.63	-379.20	383.09	824.80	1.55	382581.07	712860.77	N 32 2 59.89	W 103 38 46.71
	6147.00	2.26	66.50	6057.54	-380.53	384.44	828.75	0.73	382582.43	712864.71	N 32 2 59.90	W 103 38 46.66
	6241.00	1.91	21.37	6151.48	-382.72	386.64	831.02	1.74	382584.62	712866.98	N 32 2 59.92	W 103 38 46.64
	6334.00	2.21	353.32	6244.42	-385.94	389.87	831.38	1.12	382587.85	712867.34	N 32 2 59.95	W 103 38 46.63
	6429.00	3.67	320.18	6339.30	-390.11	394.02	829.22	2.30	382592.00	712865.18	N 32 2 59.99	W 103 38 46.66
	6523.00	0.91	52.30	6433.24	-392.88	396.79	827.88	4.06	382594.77	712863.84	N 32 3 0.02	W 103 38 46.67
	6617.00	1.55	93.83	6527.22	-393.25	397.16	829.74	1.13	382595.14	712865.70	N 32 3 0.03	W 103 38 46.65
	6711.00	1.35	97.59	6621.19	-393.00	396.93	832.10	0.24	382594.91	712868.07	N 32 3 0.02	W 103 38 46.62
	6806.00	0.76	20.63	6716.17	-393.44	397.37	833.44	1.47	382595.35	712869.40	N 32 3 0.03	W 103 38 46.61
	6900.00	0.78	5.74	6810.16	-394.66	398.59	833.72	0.21	382596.57	712869.68	N 32 3 0.04	W 103 38 46.61
	6995.00	0.84	357.94	6905.15	-396.00	399.93	833.76	0.13	382597.91	712869.72	N 32 3 0.05	W 103 38 46.60
	7089.00	0.62	349.60	6999.15	-397.19	401.12	833.64	0.26	382599.10	712869.61	N 32 3 0.06	W 103 38 46.61
	7182.00	0.53	356.51	7092.14	-398.11	402.04	833.52	0.12	382600.03	712869.49	N 32 3 0.07	W 103 38 46.61
	7276.00	0.51	326.75	7186.14	-398.90	402.83	833.27	0.28	382600.81	712869.23	N 32 3 0.08	W 103 38 46.61
	7370.00	0.28	291.61	7280.14	-399.33	403.26	832.83	0.34	382601.24	712868.79	N 32 3 0.09	W 103 38 46.62
	7464.00	0.08	278.05	7374.14	-399.43	403.35	832.55	0.22	382601.34	712868.51	N 32 3 0.09	W 103 38 46.62

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	7558.00	0.30	254.62	7468.14	-399.37	403.30	832.25	0.24	382601.28	712868.21	N 32 3 0.09	W 103 38 46.62
	7652.00	0.38	213.55	7562.13	-399.05	402.97	831.84	0.27	382600.96	712867.80	N 32 3 0.08	W 103 38 46.63
	7747.00	0.51	216.54	7657.13	-398.45	402.37	831.41	0.14	382600.35	712867.38	N 32 3 0.08	W 103 38 46.63
	7840.00	0.63	220.05	7750.13	-397.73	401.65	830.83	0.13	382599.63	712866.80	N 32 3 0.07	W 103 38 46.64
	7934.00	0.85	222.69	7844.12	-396.82	400.74	830.03	0.24	382598.72	712865.99	N 32 3 0.06	W 103 38 46.65
	8029.00	1.00	223.93	7939.11	-395.71	399.62	828.98	0.16	382597.61	712864.94	N 32 3 0.05	W 103 38 46.66
	8123.00	0.72	222.65	8033.10	-394.69	398.60	828.01	0.30	382596.58	712863.97	N 32 3 0.04	W 103 38 46.67
	8218.00	1.03	228.36	8128.08	-393.69	397.59	826.96	0.34	382595.58	712862.93	N 32 3 0.03	W 103 38 46.68
	8406.00	0.58	164.79	8316.07	-391.66	395.55	825.95	0.49	382593.54	712861.92	N 32 3 0.01	W 103 38 46.70
	8500.00	0.62	76.72	8410.07	-391.31	395.21	826.57	0.89	382593.19	712862.54	N 32 3 0.01	W 103 38 46.69
	8593.00	0.73	82.09	8503.06	-391.50	395.41	827.65	0.14	382593.39	712863.61	N 32 3 0.01	W 103 38 46.68
	8687.00	0.86	99.25	8597.05	-391.47	395.38	828.94	0.29	382593.36	712864.90	N 32 3 0.01	W 103 38 46.66
	8781.00	0.89	356.49	8691.04	-392.08	395.99	829.59	1.45	382593.97	712865.55	N 32 3 0.01	W 103 38 46.65
	8876.00	1.01	335.88	8786.03	-393.58	397.49	829.20	0.38	382595.48	712865.17	N 32 3 0.03	W 103 38 46.66
	8971.00	0.68	227.50	8881.02	-393.97	397.88	828.44	1.46	382595.86	712864.41	N 32 3 0.03	W 103 38 46.67
	9159.00	0.93	205.38	9069.01	-391.84	395.74	826.97	0.21	382593.73	712862.93	N 32 3 0.01	W 103 38 46.68
	9253.00	1.34	195.54	9162.99	-390.10	393.99	826.35	0.48	382591.98	712862.31	N 32 2 59.99	W 103 38 46.69
	9348.00	1.52	195.00	9257.96	-387.81	391.71	825.72	0.19	382589.69	712861.69	N 32 2 59.97	W 103 38 46.70
	9537.00	1.23	187.16	9446.90	-383.38	387.27	824.82	0.18	382585.26	712860.79	N 32 2 59.93	W 103 38 46.71
	9632.00	1.02	215.89	9541.89	-381.69	385.58	824.20	0.63	382583.56	712860.16	N 32 2 59.91	W 103 38 46.72
	9727.00	0.45	188.63	9636.88	-380.64	384.52	823.65	0.69	382582.51	712859.61	N 32 2 59.90	W 103 38 46.72
	9820.00	0.43	120.75	9729.88	-380.10	383.98	823.89	0.53	382581.97	712859.86	N 32 2 59.90	W 103 38 46.72
	9914.00	0.56	84.75	9823.87	-379.95	383.85	824.65	0.35	382581.83	712860.62	N 32 2 59.89	W 103 38 46.71
	10009.00	1.18	348.16	9918.86	-380.95	384.85	824.91	1.43	382582.83	712860.88	N 32 2 59.90	W 103 38 46.71
	10103.00	1.19	355.36	10012.84	-382.88	386.77	824.64	0.16	382584.75	712860.60	N 32 2 59.92	W 103 38 46.71
	10292.00	1.12	339.70	10201.81	-386.57	390.45	823.84	0.17	382588.44	712859.80	N 32 2 59.96	W 103 38 46.72
	10481.00	1.43	0.59	10390.76	-390.66	394.54	823.22	0.29	382592.53	712859.19	N 32 3 0.00	W 103 38 46.73
	10574.00	1.65	340.22	10483.73	-393.08	396.96	822.78	0.63	382594.95	712858.74	N 32 3 0.02	W 103 38 46.73
	10668.00	2.54	350.33	10577.66	-396.41	400.29	821.97	1.02	382598.28	712857.94	N 32 3 0.06	W 103 38 46.74
	10762.00	2.08	344.47	10671.59	-400.11	403.99	821.16	0.55	382601.97	712857.13	N 32 3 0.09	W 103 38 46.75
	10856.00	2.20	325.76	10765.52	-403.26	407.12	819.69	0.75	382605.11	712855.66	N 32 3 0.13	W 103 38 46.77
	10951.00	0.34	355.93	10860.50	-405.05	408.91	818.65	2.01	382606.90	712854.61	N 32 3 0.14	W 103 38 46.78
	11044.00	0.28	337.48	10953.49	-405.54	409.40	818.54	0.12	382607.38	712854.51	N 32 3 0.15	W 103 38 46.78
	11232.00	1.01	334.95	11141.48	-407.47	411.32	817.66	0.39	382609.31	712853.63	N 32 3 0.17	W 103 38 46.79
	11311.00	1.65	339.86	11220.46	-409.17	413.02	816.98	0.82	382611.00	712852.94	N 32 3 0.18	W 103 38 46.80
	11371.00	1.65	339.86	11280.44	-410.79	414.64	816.38	0.00	382612.63	712852.35	N 32 3 0.20	W 103 38 46.81
	11432.00	2.07	328.14	11341.40	-412.56	416.40	815.50	0.93	382614.39	712851.46	N 32 3 0.22	W 103 38 46.82
	11504.00	2.00	330.84	11413.36	-414.76	418.61	814.20	0.16	382616.59	712850.16	N 32 3 0.24	W 103 38 46.83
	11526.00	1.70	327.54	11435.35	-415.38	419.22	813.84	1.45	382617.20	712849.80	N 32 3 0.25	W 103 38 46.83
	11621.00	5.95	162.62	11530.21	-411.86	415.70	814.55	8.00	382613.68	712850.52	N 32 3 0.21	W 103 38 46.83
	11716.00	15.32	166.03	11623.47	-394.92	398.79	819.06	9.88	382596.77	712855.03	N 32 3 0.04	W 103 38 46.78
	11811.00	24.46	166.95	11712.71	-363.48	367.38	826.55	9.63	382565.36	712862.51	N 32 2 59.73	W 103 38 46.69
Heel HL Cross	*11826.00*	*25.73*	*167.93*	*11726.30*	*-357.26*	*361.17*	*827.93*	*8.91*	*382559.16*	*712863.90*	*N 32 2 59.67*	*W 103 38 46.68*
	11906.00	32.59	171.93	11796.12	-318.87	322.81	834.60	8.91	382520.79	712870.56	N 32 2 59.29	W 103 38 46.60
	12001.00	40.51	179.67	11872.42	-262.55	266.50	838.37	9.63	382464.49	712874.34	N 32 2 58.73	W 103 38 46.56
	12096.00	48.65	178.19	11940.03	-195.93	199.89	839.68	8.64	382397.89	712875.64	N 32 2 58.07	W 103 38 46.55
	12191.00	56.01	177.16	11998.05	-120.84	124.81	842.76	7.79	382322.81	712878.73	N 32 2 57.33	W 103 38 46.52
	12286.00	66.87	173.03	12043.41	-37.84	41.84	850.04	12.05	382239.84	712886.00	N 32 2 56.51	W 103 38 46.44
	12381.00	78.46	174.58	12071.67	52.21	-48.16	859.77	12.30	382149.84	712895.73	N 32 2 55.62	W 103 38 46.34
	12476.00	82.16	177.93	12087.66	145.65	-141.57	865.87	5.22	382056.43	712901.83	N 32 2 54.69	W 103 38 46.27
	12528.00	87.04	177.32	12092.55	197.37	-193.28	868.01	9.46	382004.72	712903.98	N 32 2 54.18	W 103 38 46.25
	12571.00	87.73	177.70	12094.52	240.29	-236.20	869.88	1.83	381961.81	712905.84	N 32 2 53.76	W 103 38 46.23
	12666.00	90.83	177.86	12095.71	335.22	-331.11	873.56	3.27	381866.91	712909.52	N 32 2 52.82	W 103 38 46.20
	12761.00	89.24	179.51	12095.65	430.20	-426.08	875.74	2.41	381771.94	712911.70	N 32 2 51.88	W 103 38 46.18
	12780.00	89.04	180.14	12095.94	449.20	-445.07	875.80	3.48	381752.94	712911.76	N 32 2 51.69	W 103 38 46.18
	12874.00	90.34	179.21	12096.45	543.19	-539.07	876.33	1.70	381658.95	712912.29	N 32 2 50.76	W 103 38 46.18
	12968.00	90.17	180.30	12096.03	637.19	-633.06	876.73	1.17	381564.96	712912.70	N 32 2 49.83	W 103 38 46.18
	13156.00	88.83	179.28	12097.67	825.18	-821.05	877.42	0.90	381376.98	712913.38	N 32 2 47.97	W 103 38 46.19
	13251.00	88.90	179.74	12099.55	920.16	-916.03	878.23	0.49	381282.01	712914.20	N 32 2 47.03	W 103 38 46.19
	13345.00	88.80	179.20	12101.44	1014.14	-1010.00	879.10	0.58	381188.04	712915.07	N 32 2 46.10	W 103 38 46.18
	13439.00	88.93	179.76	12103.30	1108.12	-1103.98	879.96	0.61	381094.06	712915.92	N 32 2 45.17	W 103 38 46.18
	13533.00	88.90	179.01	12105.08	1202.10	-1197.96	880.96	0.80	381000.09	712916.93	N 32 2 44.24	W 103 38 46.17
	13627.00	88.80	179.34	12106.96	1296.07	-1291.93	882.32	0.37	380906.12	712918.28	N 32 2 43.31	W 103 38 46.17
	13721.00	89.14	179.81	12108.65	1390.06	-1385.91	883.01	0.62	380812.15	712918.98	N 32 2 42.38	W 103 38 46.16
	13815.00	88.66	179.73	12110.46	1484.04	-1479.89	883.39	0.52	380718.17	712919.36	N 32 2 41.45	W 103 38 46.17
	13909.00	88.83	179.12	12112.52	1578.01	-1573.87	884.33	0.67	380624.20	712920.30	N 32 2 40.52	W 103 38 46.16
	14004.00	89.45	178.97	12113.94	1673.00	-1668.84	885.92	0.67	380529.23	712921.88	N 32 2 39.58	W 103 38 46.15
	14098.00	89.86	179.30	12114.51	1766.99	-1762.83	887.34	0.56	380435.25	712923.30	N 32 2 38.65	W 103 38 46.14
	14192.00	89.66	179.21	12114.90	1860.99	-1856.82	888.56	0.23	380341.26	712924.52	N 32 2 37.72	W 103 38 46.13
	14286.00	89.55	178.86	12115.55	1954.98	-1950.80	890.14	0.39	380247.28	712926.11	N 32 2 36.79	W 103 38 46.12
	14380.00	89.93	179.56	12115.98	2048.97	-2044.79	891.44	0.85	380153.29	712927.40	N 32 2 35.86	W 103 38 46.12
	14475.00	89.93	179.26	12116.09	2143.97	-2139.79	892.42	0.32	380058.30	712928.38	N 32 2 34.92	W 103 38 46.11
	14569.00	89.86	179.06	12116.27	2237.96	-2233.78	893.79	0.23	379964.32	712929.76	N 32 2 33.99	W 103 38 46.10
	14663.00	90.00	181.31	12116.38	2331.96	-2327.77	893.49	2.40	379870.33	712929.45	N 32 2 33.06	W 103 38 46.11
	14757.00	89.86	181.53	12116.50	2425.91	-2421.74	891.16	0.28	379776.36	712927.12	N 32 2 32.13	W 103 38 46.15
	14851.00	90.07	181.40	12116.55	2519.87	-2515.71	888.76	0.26	379682.39	712924.72	N 32 2 31.20	W 103 38 46.18
	14946.00	90.07	180.65	12116.44	2614.85	-2610.69	887.06	0.79	379587.41	712923.02	N 32 2 30.26	W 103 38 46.21
	15040.00	90.41	181.60	12116.04	2708.82	-2704.67	885.21	1.07	379493.44	712921.18	N 32 2 29.33	W 103 38 46.24
	15134.00	90.48	181.49	12115.31	2802.77	-2798.64	882.68	0.14	379399.48	712918.64	N 32 2 28.40	W 103 38 46.27
	15228.00	90.45	181.02	12114.55	2896.73	-2892.61	880.62	0.50	379305.51	712916.58	N 32 2 27.47	W 103 38 46.30
	15322.00	89.93	181.10	12114.24	2990.70	-2986.59	878.88	0.56	379211.53	712914.85	N 32 2 26.54	W 103 38 46.33
	15417.00	90.10	181.07	12114.21	3085.68	-3081.58	877.08	0.18	379116.55	712913.05	N 32 2 25.60	W 103 38 46.36
	15511.00	89.72	181.07	12114.36	3179.65	-3175.56	875.33	0.40	379022.57	712911.29	N 32 2 24.67	W 103 38 46.39
	15605.00	89.62	180.97	12114.90	3273.63	-3269.54	873.65	0.15	378928.59	712909.62	N 32 2 23.74	W 103 38 46.41
	15700.00	90.03	181.28	12115.19	3368.60	-3364.53	871.79	0.54	378833.61	712907.75	N 32 2 22.80	W 103 38 46.44
	15888.00	90.24	180.85	12114.75	3556.54	-3552.49	868.29	0.25	378645.66	712904.26	N 32 2 20.94	W 103 38 46.50
	15982.00	90.41	181.43	12114.22	3650.51	-3646.47	866.42	0.64	378551.68	712902.39	N 32 2 20.01	W 103 38 46.52
	16076.00	90.14	180.98	12113.77	3744.48	-3740.45	864.45	0.56	378457.71	712900.41	N 32 2 19.08	W 103 38 46.55
	16171.00	90.10	181.47	12113.57	3839.45	-3835.43	862.42	0.52	378362.73	712898.38	N 32 2 18.14	W 103 38 46.58
	16265.00	90.31	180.80	12113.23	3933.42	-3929.41	860.55	0.75	378268.76	712896.52	N 32 2 17.21	W 103 38 46.61
	16360.00	90.31	181.63	12112.72	4028.38	-4024.38	858.54	0.87	378173.78	712894.50	N 32 2 16.27	W 103 38 46.64
	16455.00	90.48	181.47	12112.06	4123.33	-4119.35	855.97	0.25	378078.82	712891.94	N 32 2 15.33	W 103 38 46.68
	16645.00	89.90	179.66	12111.43	4313.30	-4309.33	854.10	1.00	377888.85	712890.06	N 32 2 13.45	W 103 38 46.72
	16835.00	89.90	178.99	12111.76	4503.30	-4499.31	856.34	0.35	377698.87	712892.30	N 32 2 11.57	W 103 38 46.70
	16930.00	90.14	179.56	12111.73	4598.30	-4594.31	857.54	0.65	377603.89	712893.50	N 32 2 10.63	W 103 38 46.70
	17024.00	90.03	179.46	12111.59	4692.29	-4688.30	858.34	0.16	377509.89	712894.31	N 32 2 9.70	W 103 38 46.70
	17213.00	89.18	178.85	12112.89	4881.28	-4877.27	861.13	0.55	377320.93	712897.09	N 32 2 7.83	W 103 38 46.68
	17308.00	89.52	179.47	12113.97	4976.27	-4972.26	862.52	0.74	377225.95	712898.49	N 32 2 6.89	W 103 38 46.67
	17497.00	89.59	179.65	12115.44	5165.26	-5161.25	863.97	0.10	377036.97	712899.94	N 32 2 5.02	W 103 38 46.66
	17687.00	89.45	179.18	12117.03	5355.25	-5351.23	865.91	0.26	376846.99	712901.88	N 32 2 3.14	W 103 38 46.66
	17781.00	89.28	179.21	12118.07	5449.24	-5445.21	867.23	0.18	376753.01	712903.20	N 32 2 2.21	W 103 38 46.65

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	17876.00	89.55	179.65	12119.04	5544.23	-5540.20	868.18	0.54	376658.03	712904.14	N 32 2 1.27	W 103 38 46.64
	17971.00	88.73	178.75	12120.47	5639.22	-5635.18	869.50	1.28	376563.05	712905.47	N 32 2 0.33	W 103 38 46.64
	18065.00	88.42	178.61	12122.81	5733.17	-5729.13	871.67	0.36	376469.11	712907.63	N 32 1 59.40	W 103 38 46.62
	18160.00	89.76	178.62	12124.31	5828.14	-5824.09	873.96	1.41	376374.16	712909.93	N 32 1 58.46	W 103 38 46.60
	18254.00	89.59	178.15	12124.85	5922.11	-5918.05	876.61	0.53	376280.20	712912.58	N 32 1 57.53	W 103 38 46.57
	18349.00	89.17	178.03	12125.88	6017.07	-6012.99	879.78	0.46	376185.26	712915.74	N 32 1 56.59	W 103 38 46.54
	18443.00	89.69	178.71	12126.81	6111.03	-6106.94	882.45	0.91	376091.31	712918.42	N 32 1 55.66	W 103 38 46.52
	18538.00	90.07	178.62	12127.01	6206.02	-6201.92	884.67	0.41	375996.34	712920.63	N 32 1 54.72	W 103 38 46.50
	18633.00	90.24	179.40	12126.75	6301.01	-6296.90	886.31	0.84	375901.36	712922.27	N 32 1 53.78	W 103 38 46.49
	18728.00	90.48	179.48	12126.16	6396.01	-6391.90	887.24	0.27	375806.37	712923.20	N 32 1 52.84	W 103 38 46.49
	18822.00	90.38	179.76	12125.45	6490.00	-6485.89	887.86	0.32	375712.38	712923.82	N 32 1 51.91	W 103 38 46.49
	19012.00	90.41	178.94	12124.14	6679.99	-6675.87	890.02	0.43	375522.40	712925.98	N 32 1 50.03	W 103 38 46.47
	19106.00	90.31	179.20	12123.55	6773.98	-6769.86	891.54	0.30	375428.42	712927.50	N 32 1 49.10	W 103 38 46.46
	19201.00	90.41	179.61	12122.95	6868.98	-6864.85	892.53	0.44	375333.43	712928.49	N 32 1 48.16	W 103 38 46.46
	19296.00	89.00	179.07	12123.44	6963.98	-6959.84	893.62	1.59	375238.45	712929.59	N 32 1 47.22	W 103 38 46.45
	19391.00	89.14	179.04	12124.98	7058.96	-7054.82	895.19	0.15	375143.48	712931.15	N 32 1 46.28	W 103 38 46.44
	19485.00	89.35	179.28	12126.22	7152.94	-7148.80	896.57	0.34	375049.50	712932.53	N 32 1 45.35	W 103 38 46.43
	19580.00	89.90	179.52	12126.84	7247.94	-7243.79	897.56	0.63	374954.51	712933.52	N 32 1 44.41	W 103 38 46.43
	19675.00	89.21	179.54	12127.58	7342.93	-7338.78	898.34	0.73	374859.52	712934.30	N 32 1 43.47	W 103 38 46.43
	19865.00	89.83	180.08	12129.17	7532.93	-7528.77	898.97	0.43	374669.54	712934.93	N 32 1 41.59	W 103 38 46.43
	19960.00	89.76	179.59	12129.51	7627.93	-7623.77	899.24	0.52	374574.54	712935.21	N 32 1 40.65	W 103 38 46.44
	20149.00	89.45	179.25	12130.82	7816.92	-7812.76	901.16	0.24	374385.57	712937.12	N 32 1 38.78	W 103 38 46.43
	20243.00	89.31	179.28	12131.83	7910.91	-7906.74	902.36	0.15	374291.58	712938.33	N 32 1 37.85	W 103 38 46.42
	20338.00	89.42	179.20	12132.89	8005.90	-8001.73	903.62	0.14	374196.60	712939.59	N 32 1 36.91	W 103 38 46.41
	20433.00	89.24	179.38	12134.00	8100.89	-8096.72	904.80	0.27	374101.62	712940.76	N 32 1 35.97	W 103 38 46.41
	20622.00	89.42	179.32	12136.21	8289.87	-8285.69	906.94	0.10	373912.65	712942.91	N 32 1 34.10	W 103 38 46.40
	20716.00	89.38	178.93	12137.19	8383.86	-8379.67	908.38	0.42	373818.67	712944.34	N 32 1 33.17	W 103 38 46.39
	20811.00	89.28	178.94	12138.30	8478.85	-8474.65	910.15	0.11	373723.70	712946.11	N 32 1 32.23	W 103 38 46.37
	20905.00	89.79	179.45	12139.07	8572.84	-8568.64	911.47	0.77	373629.72	712947.43	N 32 1 31.30	W 103 38 46.36
	21000.00	89.45	179.27	12139.70	8667.83	-8663.63	912.53	0.40	373534.73	712948.49	N 32 1 30.36	W 103 38 46.36
	21095.00	89.48	179.05	12140.58	8762.83	-8758.62	913.92	0.23	373439.75	712949.88	N 32 1 29.42	W 103 38 46.35
	21190.00	89.28	178.92	12141.61	8857.81	-8853.60	915.60	0.25	373344.77	712951.56	N 32 1 28.48	W 103 38 46.34
	21285.00	89.38	179.26	12142.72	8952.80	-8948.58	917.11	0.37	373249.79	712953.07	N 32 1 27.54	W 103 38 46.33
	21380.00	89.38	178.85	12143.75	9047.79	-9043.56	918.68	0.43	373154.82	712954.64	N 32 1 26.60	W 103 38 46.32
	21474.00	89.35	179.79	12144.79	9141.78	-9137.55	919.79	1.00	373060.83	712955.76	N 32 1 25.67	W 103 38 46.31
	21569.00	89.31	181.36	12145.90	9236.76	-9232.53	918.84	1.65	372965.85	712954.80	N 32 1 24.73	W 103 38 46.33
	21663.00	89.38	181.17	12146.98	9330.72	-9326.50	916.76	0.22	372871.88	712952.73	N 32 1 23.80	W 103 38 46.36
	21758.00	89.59	181.83	12147.83	9425.67	-9421.46	914.28	0.73	372776.93	712950.24	N 32 1 22.86	W 103 38 46.40
	21853.00	89.93	181.08	12148.23	9520.62	-9516.43	911.87	0.87	372681.96	712947.83	N 32 1 21.92	W 103 38 46.43
	21947.00	89.45	181.48	12148.74	9614.59	-9610.41	909.77	0.66	372587.99	712945.73	N 32 1 20.99	W 103 38 46.46
	22041.00	89.28	181.10	12149.78	9708.55	-9704.38	907.65	0.44	372494.02	712943.61	N 32 1 20.06	W 103 38 46.49
	22135.00	89.83	181.47	12150.51	9802.51	-9798.35	905.54	0.71	372400.06	712941.50	N 32 1 19.13	W 103 38 46.52
	22230.00	90.52	181.57	12150.22	9897.46	-9893.32	903.02	0.73	372305.09	712938.98	N 32 1 18.19	W 103 38 46.56
	22324.00	90.38	181.35	12149.48	9991.42	-9987.28	900.63	0.28	372211.13	712936.59	N 32 1 17.26	W 103 38 46.60
	22418.00	90.45	180.99	12148.80	10085.38	-10081.26	898.71	0.39	372117.16	712934.67	N 32 1 16.33	W 103 38 46.62
Toe HL Cross	*22474.00*	*90.45*	*181.43*	*12148.36*	*10141.36*	*-10137.25*	*897.53*	*0.78*	*372061.17*	*712933.49*	*N 32 1 15.78*	*W 103 38 46.64*
Last SLB MWD Survey	22501.00	90.45	181.64	12148.15	10168.35	-10164.24	896.80	0.78	372034.19	712932.77	N 32 1 15.51	W 103 38 46.65
Projection to Bit	22549.00	90.45	181.64	12147.77	10216.32	-10212.21	895.43	0.00	371986.21	712931.39	N 32 1 15.04	W 103 38 46.67

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 97.071% Confidence 3.0000 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	32.600	1/98.425	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 12H / Chevron SD 14 23 Fed P18 12H MWD to
	1	32.600	32.600	Act Stns	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 12H / Chevron SD 14 23 Fed P18 12H MWD to
	1	32.600	872.000	Act Stns	30.000	30.000	A001Mb_MWD	SD 14 23 Fed P18 12H / Chevron SD 14 23 Fed P18 12H MWD to
	1	872.000	22549.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	SD 14 23 Fed P18 12H / Chevron SD 14 23 Fed P18 12H MWD to

Rec'd 8/12/2020 - NMOCD

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

[X] AMENDED REPORT

"As-Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45867	98065	WC-025 G-08 S263205N; UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325387	SD 14 23 FED P18	9H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3196'

[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
C	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1380'	WEST	LEA

[11] Bottom Hole Location If Different From Surface

SL

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	23	26 SOUTH	32 EAST, N.M.P.M.		15'	SOUTH	343'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640	Infill		

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]

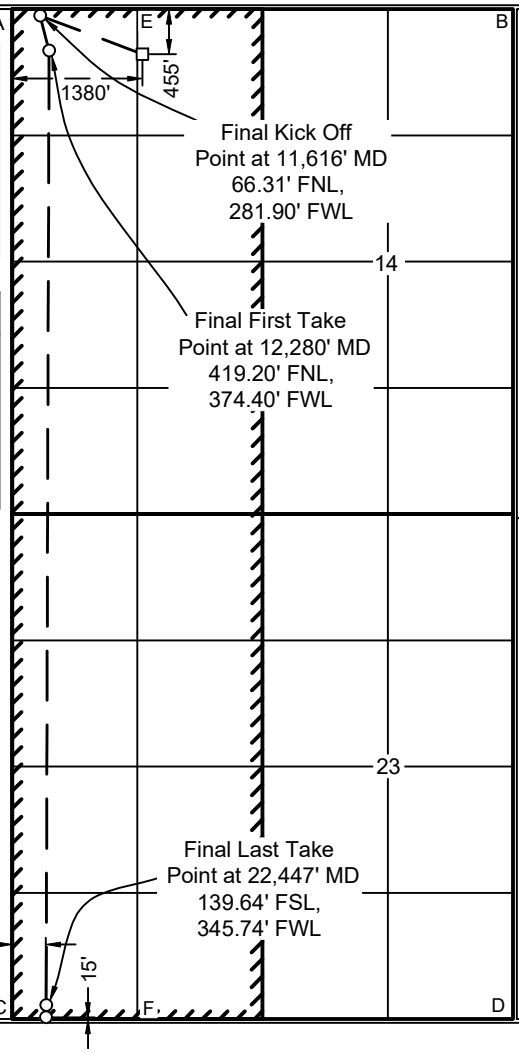
SD 14 23 FED P18 NO. 9H WELL			AS-DRILLED BOTTOM HOLE LOCATION		
X=	711,961	NAD 27	X=	710,973	NAD 27
Y=	382,198		Y=	371,962	
LAT.	32.048930 N		LAT.	32.020812 N	
LONG.	103.649220 W		LONG.	103.652616 W	
X=	753,148	NAD83/2011	X=	752,161	NAD83/2011
Y=	382,255		Y=	372,019	
LAT.	32.049055 N		LAT.	32.020937 N	
LONG.	103.649690 W		LONG.	103.653084 W	
ELEVATION +3196' NAVD 88					

FINAL FIRST TAKE POINT			FINAL LAST TAKE POINT		
X=	710,955	NAD 27	X=	710,975	NAD 27
Y=	382,227		Y=	372,087	
LAT.	32.049029 N		LAT.	32.021155 N	
LONG.	103.652465 W		LONG.	103.652607 W	
X=	752,142	NAD83/2011	X=	752,163	NAD83/2011
Y=	382,284		Y=	372,144	
LAT.	32.049154 N		LAT.	32.021281 N	
LONG.	103.652936 W		LONG.	103.653076 W	

FINAL KICK OFF POINT		
X=	710,862	NAD 27
Y=	382,579	
LAT.	32.049999 N	
LONG.	103.652760 W	
X=	752,049	NAD83/2011
Y=	382,637	
LAT.	32.050124 N	
LONG.	103.653230 W	

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63
E - Y=382652.25, X=711907.34
F - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature — 7/15/2020 Date

Laura Becerra
Printed Name

LBecerra@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/25/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES NEW MEXICO 23606 PROFESSIONAL SURVEYOR

04/29/2020

Certificate Number

Intent [ ] As Drilled [X]

Rec'd 8/12/2020 - NMOCD

API #
30-025-45867

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	9H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	14	26S	32E		66	FNL	282	FWL	LEA

Latitude	Longitude	NAD
32.050124	103.653230	NAD 83/86

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
D	14	26S	32E		419	FNL	374	FWL	LEA

Latitude	Longitude	NAD
32.049154	103.652936	NAD 83/86

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	23	26S	32E		140	FSL	346	FWL	LEA

Latitude	Longitude	NAD
32.021281	103.653076	NAD 86/86

Is this well the defining well for the Horizontal Spacing Unit? NO

Is this well an infill well? YES

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #
30-025-45820

Operator Name:	Property Name:	Well Number
CHEVRON USA INC	SD 14 23 FED P18	11H

KZ 06/29/2018

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Schlumberger

November 25, 2019

Chevron USA Incorporated
6301 Deauville Blvd
Midland, TX 79706

Re:

S14, T26S, R32E Lea, NM
N 32.049055 W -103.64969

CLIENT: Chevron USA Incorporated
WELL: SD 14 23 Fed P18 9H
FIELD: Upper Wolcamp

RIG: Nabors X30
COUNTY: Lea
API NO: 30-025-45867
JOB NO: 19MLI0077

Enclosed, please find the original copy of the survey performed on the referenced well by Drilling & Measurements, a division of Schlumberger Technology Corporation (P-5 No. 754900).
Other information required by your office is as follows.

Name & Title of Surveyor	Drainhole Number	Surveyed Depths		Dates Performed		Type of Survey
Tom Brady FE	SD 14 23 Fed P18 9H Original Hole	879.00 Ft 22510.00 Ft	to	October 29, 2019 November 11, 2019	to	TelePacer SlimPulse

Oilfield Services, Central U.S. Land
Schlumberger Drilling and Measurements
Drilling Group
Geo Market Area: South West Texas Basin
7220 W I-H 20
Midland, Texas 79706
Phone : (432) 742-5400 (Main)
Fax : (432) 742-5606 (Shared)

Well Reference:
S14, T26S, R32E Lea, NM
N 32.049055 W -103.64969

I, Tom Brady certify that; I am employed by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I did on the day(s) of October 29, 2019 through November 11, 2019, conduct or supervise the taking of the TelePacer & SlimPulse surveys from a depth of 879.00 feet to a depth of 22510.00 feet referenced to driller's depth; that the data is true, correct, complete and within the limitations of the tool as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation; that I am authorized and qualified to make this report; that this survey was conducted at the request of Chevron USA Incorporated for the SD 14 23 Fed P18 9H Well (Original Hole) API No. 30-025-45867 in New Mexico; and that I have reviewed this report and find that it conforms to the principals and procedures as set forth by Drilling & Measurements, a division of Schlumberger Technology Corporation.

By
Tom Brady
FE

Tom Brady

Subscribed and Sworn to before me this 05 day of November (month) 2019 (yr)

My Commission expires:
6/14/2023

Jean-Paul Langlois (signature)
Notary Public
Comanche, Oklahoma
(County State)

Jean-Paul Langlois
Notary Public in and for
STATE OF OKLAHOMA
Commission #19005986
Expires: June 14, 2023

Schlumberger

Chevron

Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft Survey Report

(Def Survey)

Report Date:	November 13, 2019 - 05:50 AM	**Survey / DLS Computation:**	Minimum Curvature / Lubinski
Client:	Chevron	**Vertical Section Azimuth:**	179.730 ° (Grid North)
Field:	NM Lea County (NAD 27)	**Vertical Section Origin:**	0.000 ft, 0.000 ft
Structure / Slot:	Chevron SD 14 23 FED Pad 18 / 9H	**TVD Reference Datum:**	RKB = 32.6ft
Well:	SD 14 23 Fed P18 9H	**TVD Reference Elevation:**	3228.600 ft above MSL
Borehole:	SD 14 23 Fed P18 9H	**Seabed / Ground Elevation:**	3196.000 ft above MSL
UWI / API#:	Unknown / 30-025-45867	**Magnetic Declination:**	6.618 °
Survey Name:	Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	**Total Gravity Field Strength:**	998.4327mgn (9.80665 Based)
Survey Date:	November 11, 2019	**Gravity Model:**	GARM
Tort / AHD / DDI / ERD Ratio:	325.107 ° / 11879.019 ft / 6.857 / 0.979	**Total Magnetic Field Strength:**	47663.386 nT
Coordinate Reference System:	NAD27 New Mexico State Plane, Eastern Zone, US Feet	**Magnetic Dip Angle:**	59.626 °
Location Lat / Long:	N 32° 2' 56.15259", W 103° 38' 57.19216"	**Declination Date:**	November 11, 2019
Location Grid N/E Y/X:	N 382198.000 ftUS, E 711961.000 ftUS	**Magnetic Declination Model:**	HDGM 2019
CRS Grid Convergence Angle:	0.3630 °	**North Reference:**	Grid North
Grid Scale Factor:	0.99996055	**Grid Convergence Used:**	0.3630 °
Version / Patch:	2.10.782.0	**Total Corr Mag North->Grid North:**	6.2549 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
Surface	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	0M
Adjusted KB	33.00	0.00	0.00	33.00	0.00	0.00	0.00	0.00	0.00	0.00	270.38M
First 3rd Party Survey	201.90	0.50	270.38	201.90	-0.01	0.00	-0.74	0.74	270.38	0.30	178.38M
	287.90	0.60	178.38	287.90	0.44	-0.44	-1.10	1.19	248.07	0.92	161.38M
	375.90	0.50	161.38	375.89	1.26	-1.27	-0.96	1.59	217.26	0.22	212.38M
	466.90	0.50	212.38	466.89	1.97	-1.98	-1.05	2.24	207.94	0.47	296.38M
	558.90	0.30	296.38	558.89	2.20	-2.21	-1.48	2.66	213.81	0.60	121.38M
	651.90	0.50	121.38	651.89	2.31	-2.31	-1.35	2.68	210.30	0.86	39.38M
Last 3rd Party Survey	761.90	0.50	39.38	761.88	2.19	-2.19	-0.64	2.28	196.22	0.60	141.06M
First SLB MWD Survey	879.00	0.18	141.06	878.98	1.94	-1.94	-0.20	1.95	185.83	0.48	268.16M
	973.00	1.56	268.16	972.97	2.09	-2.10	-1.38	2.51	213.43	1.78	278.98M
	1067.00	3.59	278.98	1066.87	1.65	-1.68	-5.57	5.82	253.23	2.21	284.59M
	1161.00	5.05	284.59	1160.60	0.12	-0.18	-12.48	12.48	269.19	1.62	282.95M
	1255.00	6.23	282.95	1254.14	-2.11	2.01	-21.46	21.55	275.35	1.27	288.81M
	1350.00	7.51	288.81	1348.46	-5.32	5.17	-32.36	32.77	279.07	1.53	297.67M
	1444.00	9.02	297.67	1441.49	-10.78	10.57	-44.70	45.93	283.30	2.10	8.88R
	1539.00	10.45	298.90	1535.12	-18.47	18.19	-58.84	61.59	287.18	1.52	27.06L
	1633.00	11.50	296.24	1627.40	-26.81	26.45	-74.71	79.25	289.50	1.24	16.76R
	1727.00	11.58	296.36	1719.50	-35.22	34.79	-91.56	97.95	290.80	0.09	122.26R
	1821.00	11.51	296.92	1811.59	-43.73	43.22	-108.38	116.68	291.74	0.14	137.97L
	1916.00	11.39	296.37	1904.70	-52.27	51.68	-125.24	135.48	292.42	0.17	7.44L
	2010.00	11.59	296.24	1996.82	-60.64	59.98	-142.02	154.17	292.89	0.21	90R
	2105.00	11.59	296.52	2089.88	-69.21	68.46	-159.12	173.22	293.28	0.06	160.2L
	2199.00	11.54	296.43	2181.97	-77.69	76.86	-175.99	192.04	293.59	0.06	167.85R
	2293.00	11.18	296.83	2274.13	-86.06	85.16	-192.54	210.53	293.86	0.39	73.27L
	2388.00	11.45	292.77	2367.29	-93.95	92.96	-209.45	229.16	293.93	0.89	60.9L
	2482.00	12.54	284.72	2459.24	-100.24	99.17	-227.93	248.57	293.51	2.12	48.36L
	2577.00	13.03	282.33	2551.89	-105.24	104.07	-248.37	269.29	292.74	0.76	168.38R
	2671.00	12.73	282.61	2643.52	-109.86	108.60	-268.82	289.93	292.00	0.33	45.09R
	2765.00	12.83	283.06	2735.19	-114.58	113.22	-289.10	310.48	291.39	0.15	157.29R
	2954.00	11.78	285.23	2919.85	-124.57	123.03	-328.16	350.46	290.55	0.61	176.15L
	3143.00	10.73	284.85	3105.21	-134.32	132.61	-363.78	387.19	290.03	0.56	177.18L
	3236.00	9.83	284.59	3196.72	-138.61	136.82	-379.83	403.72	289.81	0.97	3.77L
	3331.00	10.86	284.23	3290.17	-142.93	141.07	-396.35	420.71	289.59	1.09	94.9R
	3426.00	10.84	285.68	3383.47	-147.63	145.68	-413.63	438.53	289.40	0.29	31.12R
	3520.00	12.09	289.22	3475.60	-153.34	151.31	-431.44	457.20	289.33	1.53	170.76R
	3614.00	10.71	290.43	3567.74	-159.71	157.60	-448.92	475.78	289.34	1.49	22.8L
	3708.00	11.39	288.99	3660.00	-165.86	163.67	-465.88	493.79	289.36	0.78	175.62L
	3802.00	11.04	288.85	3752.20	-171.87	169.60	-483.17	512.07	289.34	0.37	178.34R
	3897.00	10.30	288.97	3845.56	-177.65	175.30	-499.81	529.66	289.33	0.78	102.19R
	3991.00	10.28	289.50	3938.05	-183.26	180.83	-515.67	546.45	289.32	0.10	18.96R
	4085.00	10.91	290.64	4030.44	-189.27	186.77	-531.90	563.74	289.35	0.71	9.23R
	4180.00	12.62	291.91	4123.45	-196.40	193.81	-549.94	583.09	289.41	1.82	178.61L
	4274.00	11.86	291.82	4215.31	-203.91	201.23	-568.44	603.00	289.49	0.81	63.44L
	4367.00	11.96	290.87	4306.31	-210.98	208.21	-586.31	622.19	289.55	0.24	5.79R
	4461.00	13.20	291.42	4398.05	-218.45	215.60	-605.40	642.65	289.60	1.33	175.99R
	4555.00	12.52	291.64	4489.69	-226.22	223.28	-624.87	663.56	289.66	0.73	171.6L
	4600.00	12.04	291.30	4533.66	-229.77	226.78	-633.77	673.13	289.69	1.08	59.25R
DMAG-Corrected Surveys	4743.00	12.37	293.80	4673.43	-241.50	238.38	-661.68	703.32	289.81	0.44	78.7L
	4837.00	12.45	292.07	4765.23	-249.46	246.25	-680.29	723.48	289.90	0.40	27.36L
	4931.00	12.71	291.46	4856.98	-257.14	253.84	-699.30	743.95	289.95	0.31	3.17L
	5025.00	13.12	291.36	4948.60	-264.90	261.51	-718.86	764.95	289.99	0.44	179.83L
	5120.00	12.41	291.35	5041.25	-272.63	269.16	-738.41	785.93	290.03	0.75	168.18L
	5308.00	11.09	289.91	5225.31	-286.32	282.67	-774.23	824.21	290.06	0.72	77.9R
	5402.00	11.10	290.15	5317.55	-292.59	288.87	-791.22	842.30	290.06	0.05	21.33L
	5497.00	11.25	289.85	5410.75	-298.97	295.16	-808.52	860.71	290.06	0.17	144.88L
	5588.00	10.96	288.77	5500.04	-304.84	300.96	-825.06	878.24	290.04	0.39	28.84L
	5681.00	11.27	287.90	5591.30	-310.56	306.60	-842.08	896.16	290.01	0.38	18.78L
	5775.00	11.89	286.88	5683.39	-316.28	312.23	-860.09	915.01	289.95	0.69	8.59L
	5867.00	13.50	285.84	5773.13	-322.06	317.92	-879.49	935.19	289.87	1.77	40.73R
	5961.00	14.53	289.29	5864.34	-329.05	324.81	-901.17	957.92	289.82	1.41	14.43R
	6056.00	15.14	289.89	5956.17	-337.32	332.96	-924.09	982.25	289.81	0.66	112.22R
	6150.00	14.94	291.87	6046.95	-346.11	341.65	-946.88	1006.63	289.84	0.59	0.99L
	6243.00	15.09	291.86	6136.77	-355.19	350.63	-969.24	1030.71	289.89	0.16	163.21R
	6337.00	14.04	293.17	6227.75	-364.34	359.67	-991.08	1054.32	289.95	1.17	177.89L
	6431.00	11.86	292.78	6319.36	-372.65	367.90	-1010.47	1075.36	290.01	2.32	179.23R
	6526.00	9.51	292.97	6412.70	-379.57	374.74	-1026.70	1092.95	290.05	2.47	174.04R
	6620.00	7.55	294.53	6505.66	-385.23	380.34	-1039.47	1106.86	290.10	2.10	294.35M

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	6714.00	5.53	294.35	6599.04	-389.71	384.77	-1049.21	1117.54	290.14	2.15	284.51M
	6809.00	3.27	284.51	6693.76	-392.31	387.33	-1056.00	1124.80	290.14	2.50	265.42M
	6903.00	1.74	265.42	6787.67	-392.88	387.89	-1060.02	1128.76	290.10	1.83	278.93M
	6997.00	0.94	278.93	6881.64	-392.90	387.90	-1062.21	1130.82	290.06	0.91	350.02M
	7091.00	0.61	350.02	6975.63	-393.51	388.51	-1063.06	1131.82	290.08	1.00	318.26M
	7185.00	0.40	318.26	7069.63	-394.25	389.25	-1063.36	1132.36	290.11	0.36	332M
	7279.00	0.36	332.00	7163.63	-394.76	389.75	-1063.72	1132.87	290.12	0.11	334.29M
	7373.00	0.08	334.29	7257.63	-395.08	390.07	-1063.89	1133.14	290.14	0.30	185.95M
	7467.00	0.07	185.95	7351.63	-395.08	390.07	-1063.92	1133.17	290.13	0.15	188.29M
	7561.00	0.38	188.29	7445.62	-394.72	389.71	-1063.97	1133.10	290.12	0.33	212.97M
	7655.00	0.45	212.97	7539.62	-394.10	389.09	-1064.22	1133.11	290.08	0.20	194.46M
	7750.00	0.57	194.46	7634.62	-393.33	388.32	-1064.54	1133.15	290.04	0.21	186.65M
	7843.00	0.60	186.65	7727.61	-392.40	387.39	-1064.71	1132.99	289.99	0.09	135.29M
	8032.00	0.87	135.29	7916.60	-390.40	385.39	-1063.81	1131.47	289.91	0.36	93.35M
	8126.00	0.49	93.35	8010.59	-389.86	384.86	-1062.91	1130.44	289.90	0.64	56.86M
	8220.00	0.62	56.86	8104.59	-390.11	385.11	-1062.08	1129.75	289.93	0.39	93.82M
	8315.00	0.81	93.82	8199.58	-390.34	385.35	-1060.98	1128.79	289.96	0.51	105.53M
	8409.00	0.80	105.53	8293.57	-390.12	385.13	-1059.69	1127.50	289.97	0.18	322.08M
	8503.00	0.58	322.08	8387.57	-390.31	385.33	-1059.35	1127.25	289.99	1.40	307.93M
	8596.00	0.88	307.93	8480.56	-391.13	386.14	-1060.20	1128.33	290.01	0.37	294.4M
	8690.00	0.77	294.40	8574.55	-391.84	386.84	-1061.35	1129.65	290.03	0.24	283.23M
	8784.00	0.71	283.23	8668.55	-392.24	387.24	-1062.49	1130.85	290.02	0.17	263.72M
	8879.00	0.98	263.72	8763.54	-392.29	387.28	-1063.87	1132.17	290.00	0.41	265.02M
	8974.00	1.48	265.02	8858.51	-392.10	387.09	-1065.90	1134.01	289.96	0.53	263.25M
	9068.00	1.73	263.25	8952.48	-391.84	386.81	-1068.52	1136.38	289.90	0.27	265.13M
	9162.00	1.52	265.13	9046.44	-391.58	386.54	-1071.17	1138.78	289.84	0.23	269.48M
	9256.00	1.85	269.48	9140.40	-391.48	386.42	-1073.93	1141.33	289.79	0.38	272.8M
	9351.00	2.42	272.80	9235.33	-391.58	386.51	-1077.46	1144.69	289.73	0.61	279.33M
	9446.00	2.86	279.33	9330.23	-392.08	386.99	-1081.81	1148.94	289.68	0.56	286.19M
	9540.00	3.25	286.19	9424.10	-393.23	388.11	-1086.68	1153.91	289.65	0.57	288.33M
	9635.00	2.47	288.33	9518.98	-394.64	389.51	-1091.21	1158.64	289.64	0.83	292.32M
	9729.00	1.76	292.32	9612.91	-395.84	390.69	-1094.47	1162.11	289.64	0.77	348.63M
	9823.00	1.04	348.63	9706.89	-397.24	392.08	-1095.97	1163.99	289.68	1.56	19.83M
	9917.00	0.63	19.83	9800.88	-398.56	393.40	-1095.96	1164.43	289.75	0.64	77.9M
	10012.00	1.55	77.90	9895.86	-399.31	394.16	-1094.53	1163.34	289.80	1.40	79.26M
	10106.00	0.95	79.26	9989.84	-399.71	394.57	-1092.52	1161.59	289.86	0.64	69.42M
	10200.00	0.36	69.42	10083.83	-399.96	394.82	-1091.48	1160.69	289.89	0.64	289.36M
	10293.00	0.29	289.36	10176.83	-400.14	395.00	-1091.43	1160.71	289.90	0.66	222.1M
	10388.00	0.24	222.10	10271.83	-400.07	394.93	-1091.79	1161.02	289.89	0.31	264.7M
	10482.00	0.87	264.70	10365.83	-399.86	394.72	-1092.63	1161.74	289.86	0.76	263.14M
	10576.00	1.09	263.14	10459.81	-399.70	394.55	-1094.23	1163.19	289.83	0.24	117.18M
	10670.00	0.75	117.18	10553.81	-399.31	394.16	-1094.57	1163.38	289.80	1.87	90.29M
	10763.00	0.94	90.29	10646.80	-399.02	393.88	-1093.26	1162.05	289.81	0.47	153.67M
	10858.00	0.35	153.67	10741.79	-398.76	393.61	-1092.36	1161.11	289.82	0.89	229.28M
	10952.00	0.68	229.28	10835.79	-398.14	392.99	-1092.65	1161.18	289.78	0.73	234.43M
	11046.00	1.11	234.43	10929.78	-397.25	392.10	-1093.82	1161.97	289.72	0.46	238.57M
	11140.00	1.27	238.57	11023.76	-396.18	391.03	-1095.44	1163.14	289.64	0.19	252.25M
	11233.00	1.49	252.25	11116.73	-395.29	390.12	-1097.48	1164.75	289.57	0.42	263.04M
Standard MWD Surveys	11327.00	1.56	263.04	11210.70	-394.77	389.59	-1099.91	1166.87	289.50	0.31	286.44M
	11436.00	1.40	286.44	11319.66	-394.98	389.79	-1102.66	1169.53	289.47	0.57	190.96M
	11530.00	0.85	190.96	11413.65	-394.63	389.43	-1103.89	1170.57	289.43	1.81	145.2M
	11624.00	11.41	145.20	11506.99	-386.26	381.09	-1098.70	1162.92	289.13	11.53	7.93L
	11718.00	17.91	142.27	11597.89	-367.11	362.00	-1084.54	1143.36	288.46	6.96	17.53R
Actual FTP Cross	*11770.93*	*21.17*	*145.10*	*11647.76*	*-352.78*	*347.72*	*-1074.09*	*1128.97*	*287.94*	*6.40*	*14.86R*
	11813.00	23.78	146.81	11686.64	-339.41	334.39	-1065.10	1116.35	287.43	6.40	23.97R
	11907.00	32.72	153.97	11769.38	-300.53	295.61	-1043.52	1084.59	285.82	10.16	35.22R
	12001.00	42.13	163.41	11844.01	-247.23	242.41	-1023.31	1051.63	283.33	11.70	56.25R
	12095.00	47.95	174.08	11910.50	-182.09	177.33	-1010.68	1026.12	279.95	10.13	17.38R
	12190.00	52.48	175.86	11971.27	-109.36	104.63	-1004.32	1009.75	275.95	4.98	46.08R
	12284.00	61.25	185.72	12022.69	-30.89	26.16	-1005.74	1006.08	271.49	12.80	17.87L
	12379.00	71.88	182.15	12060.43	55.90	-60.67	-1011.60	1013.42	266.57	11.71	12.76L
	12473.00	77.41	180.87	12085.32	146.46	-151.24	-1013.98	1025.19	261.52	6.03	11.09L
	12568.00	84.28	179.52	12100.42	240.19	-244.97	-1014.28	1043.45	256.42	7.37	0.71R
	12663.00	89.93	179.59	12105.22	335.03	-339.81	-1013.55	1068.99	251.47	5.95	5.57L
	12743.00	90.34	179.55	12105.03	415.03	-419.81	-1012.95	1096.49	247.49	0.51	11.94R
DMAG-Corrected Surveys	12777.00	90.86	179.66	12104.67	449.03	-453.81	-1012.71	1109.74	245.86	1.56	111.82R
	12871.00	89.55	182.93	12104.34	542.98	-547.77	-1014.84	1153.23	241.64	3.75	83.84R
	12965.00	89.79	185.15	12104.88	636.71	-641.53	-1021.46	1206.21	237.87	2.38	78.91L
	13060.00	90.65	180.76	12104.51	731.53	-736.37	-1026.35	1263.19	234.34	4.71	92.75L
	13154.00	90.17	170.93	12103.84	825.20	-830.01	-1019.55	1314.69	230.85	10.47	94.52L
	13248.00	89.59	163.59	12104.04	916.92	-921.63	-998.84	1359.07	227.30	7.83	84.33R
	13342.00	89.96	167.31	12104.41	1007.99	-1012.60	-975.23	1405.85	223.92	3.98	132.62R
	13436.00	87.90	169.55	12106.16	1100.14	-1104.66	-956.38	1461.14	220.88	3.24	90R
	13530.00	87.90	175.51	12109.61	1193.30	-1197.76	-944.17	1525.15	218.25	6.34	66.91R
	13624.00	91.00	182.76	12110.51	1287.22	-1291.67	-942.76	1599.13	216.12	8.39	109.98L
	13719.00	90.96	182.65	12108.89	1382.07	-1386.55	-947.24	1679.22	214.34	0.12	147.1R
	13813.00	90.79	182.76	12107.45	1475.94	-1480.44	-951.67	1759.94	212.73	0.22	169.94L
	13907.00	89.55	182.54	12107.17	1569.81	-1574.33	-956.02	1841.87	211.27	1.34	90R
	14001.00	89.55	182.85	12107.91	1663.68	-1668.23	-960.44	1924.95	209.93	0.33	83.8R
	14095.00	89.65	183.77	12108.57	1757.50	-1762.07	-965.87	2009.42	208.73	0.98	94.24L
	14190.00	89.55	182.42	12109.23	1852.33	-1856.92	-971.00	2095.47	207.61	1.42	90R
	14284.00	89.55	182.96	12109.97	1946.20	-1950.82	-975.41	2181.08	206.57	0.57	126.03L
	14378.00	88.99	182.19	12111.17	2040.07	-2044.71	-979.63	2267.27	205.60	1.01	55.74R
	14472.00	89.61	183.10	12112.32	2133.94	-2138.60	-983.97	2354.11	204.71	1.17	79.56L
	14566.00	89.68	182.72	12112.90	2227.80	-2232.48	-988.74	2441.63	203.89	0.41	77.28L
	14660.00	89.82	182.10	12113.31	2321.69	-2326.40	-992.69	2529.34	203.11	0.68	169.05L
	14755.00	89.51	182.04	12113.86	2416.61	-2421.33	-996.12	2618.23	202.36	0.33	68.75L
	14849.00	89.58	181.86	12114.61	2510.54	-2515.28	-999.32	2706.52	201.67	0.21	8.13L
	14943.00	89.65	181.85	12115.24	2604.47	-2609.22	-1002.36	2795.14	201.01	0.08	8.13R
	15037.00	89.72	181.86	12115.76	2698.41	-2703.17	-1005.41	2884.09	200.40	0.08	146.31L
	15131.00	89.48	181.70	12116.41	2792.34	-2797.13	-1008.33	2973.32	199.82	0.31	8.37R
	15226.00	89.82	181.75	12116.99	2887.28	-2892.08	-1011.19	3063.76	199.27	0.36	127.57L
	15320.00	89.72	181.62	12117.37	2981.23	-2986.04	-1013.95	3153.49	198.76	0.17	83L
	15414.00	89.86	180.48	12117.72	3075.20	-3080.02	-1015.67	3243.17	198.25	1.22	41.99R
	15508.00	89.96	180.57	12117.86	3169.19	-3174.02	-1016.53	3332.83	197.76	0.14	HS

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
	15697.00	90.03	180.57	12117.88	3358.17	-3363.01	-1018.41	3513.83	196.85	0.04	34.99R
	15791.00	90.13	180.64	12117.75	3452.16	-3457.00	-1019.41	3604.17	196.43	0.13	97.76L
	15885.00	90.10	180.42	12117.56	3546.15	-3551.00	-1020.28	3694.67	196.03	0.24	88.75L
	16074.00	90.13	179.04	12117.18	3735.15	-3739.99	-1019.39	3876.43	195.25	0.73	154.29R
	16168.00	89.86	179.17	12117.19	3829.14	-3833.98	-1017.92	3966.81	194.87	0.32	120.26L
	16263.00	89.51	178.57	12117.71	3924.13	-3928.96	-1016.04	4058.21	194.50	0.73	74.65R
	16358.00	89.65	179.08	12118.41	4019.11	-4023.94	-1014.10	4149.75	194.14	0.56	124.99L
	16453.00	89.58	178.98	12119.05	4114.10	-4118.92	-1012.49	4241.54	193.81	0.13	4.76L
	16548.00	90.06	178.94	12119.35	4209.09	-4213.90	-1010.76	4333.43	193.49	0.51	78.69R
	16643.00	90.13	179.29	12119.19	4304.09	-4308.89	-1009.30	4425.52	193.18	0.38	130.6R
	16737.00	89.89	179.57	12119.17	4398.09	-4402.89	-1008.36	4516.88	192.90	0.39	78.91R
	16832.00	89.99	180.08	12119.27	4493.09	-4497.89	-1008.07	4609.47	192.63	0.55	87.83R
	16927.00	90.24	186.68	12119.08	4587.84	-4592.67	-1013.67	4703.20	192.45	6.95	100.9L
	17022.00	89.82	184.50	12119.03	4682.34	-4687.21	-1022.92	4797.53	192.31	2.34	90.94L
	17116.00	89.79	182.67	12119.35	4776.12	-4781.02	-1028.80	4890.46	192.14	1.95	83.86L
	17211.00	90.06	180.16	12119.47	4871.07	-4875.99	-1031.15	4983.82	191.94	2.66	160.71R
	17305.00	89.86	180.23	12119.54	4965.07	-4969.99	-1031.47	5075.89	191.72	0.23	88.78L
	17495.00	89.89	178.82	12119.95	5155.06	-5159.97	-1029.89	5261.75	191.29	0.74	76.52R
	17589.00	90.24	180.28	12119.85	5249.06	-5253.97	-1029.15	5353.82	191.08	1.60	105.01L
	17684.00	89.65	178.08	12119.94	5344.05	-5348.95	-1027.79	5446.80	190.88	2.40	137.29R
	17779.00	89.52	178.20	12120.63	5439.01	-5443.90	-1024.71	5539.50	190.66	0.19	75.14L
	17874.00	89.65	177.71	12121.32	5533.96	-5538.84	-1021.32	5632.21	190.45	0.53	52.13R
	17968.00	90.07	178.25	12121.55	5627.92	-5632.78	-1018.01	5724.03	190.24	0.73	161.1L
	18062.00	88.96	177.87	12122.34	5721.87	-5726.72	-1014.82	5815.94	190.05	1.25	61.05R
	18157.00	90.10	179.93	12123.12	5816.85	-5821.69	-1013.00	5909.17	189.87	2.48	68.2R
	18252.00	90.20	180.18	12122.87	5911.85	-5916.69	-1013.09	6002.80	189.72	0.28	115.47R
	18346.00	89.10	182.49	12123.45	6005.80	-6010.66	-1015.28	6095.80	189.59	2.72	14.03R
	18441.00	89.14	182.50	12124.90	6100.68	-6105.55	-1019.42	6190.07	189.48	0.04	37.17L
	18535.00	89.76	182.03	12125.81	6194.59	-6199.48	-1023.13	6283.33	189.37	0.83	92.59L
	18630.00	89.69	180.48	12126.26	6289.55	-6294.45	-1025.21	6377.39	189.25	1.63	66.71L
	18725.00	90.37	178.90	12126.21	6384.54	-6389.44	-1024.70	6471.09	189.11	1.81	79.39R
	18820.00	90.92	181.84	12125.14	6479.52	-6484.43	-1025.31	6564.99	188.99	3.15	90R
	18914.00	90.92	182.33	12123.63	6573.43	-6578.35	-1028.73	6658.30	188.89	0.52	104.36L
	19009.00	90.20	179.52	12122.71	6668.39	-6673.32	-1030.26	6752.38	188.78	3.05	94.06L
	19104.00	90.06	177.55	12122.49	6763.37	-6768.29	-1027.84	6845.89	188.63	2.08	104.3R
	19199.00	89.93	178.06	12122.50	6858.31	-6863.22	-1024.20	6939.22	188.49	0.55	146.55L
	19293.00	89.37	177.69	12123.07	6952.26	-6957.15	-1020.71	7031.63	188.35	0.71	8.13R
	19388.00	89.72	177.74	12123.83	7047.20	-7052.07	-1016.92	7125.02	188.21	0.37	129.56R
	19483.00	89.34	178.20	12124.61	7142.15	-7147.01	-1013.56	7218.52	188.07	0.63	124.57R
	19578.00	89.03	178.65	12125.96	7237.12	-7241.96	-1010.95	7312.18	187.95	0.58	50.87R
	19672.00	89.86	179.67	12126.87	7331.11	-7335.95	-1009.57	7405.09	187.84	1.40	96.44R
	19767.00	89.79	180.29	12127.16	7426.11	-7430.95	-1009.54	7499.21	187.74	0.66	53.13L
	19862.00	90.00	180.01	12127.33	7521.10	-7525.94	-1009.79	7593.39	187.64	0.37	116.41L
	19957.00	89.28	178.56	12127.93	7616.09	-7620.93	-1008.60	7687.38	187.54	1.70	22.48R
	20051.00	89.86	178.80	12128.63	7710.08	-7714.90	-1006.43	7780.27	187.43	0.67	62.76R
	20146.00	90.21	179.48	12128.58	7805.07	-7809.89	-1005.01	7874.29	187.33	0.81	90R
	20241.00	90.21	179.56	12128.23	7900.07	-7904.89	-1004.21	7968.42	187.24	0.08	94.72L
	20335.00	90.11	178.35	12127.97	7994.06	-7998.87	-1002.50	8061.45	187.14	1.29	56.82L
	20430.00	90.28	178.09	12127.64	8089.02	-8093.82	-999.55	8155.31	187.04	0.33	98.97R
	20525.00	90.07	179.42	12127.35	8184.01	-8188.80	-997.48	8249.33	186.95	1.42	86.78R
	20619.00	90.17	181.20	12127.16	8278.00	-8282.79	-997.99	8342.70	186.87	1.90	97.64R
	20714.00	89.93	182.99	12127.07	8372.91	-8377.73	-1001.47	8437.37	186.82	1.90	82.25L
	20808.00	90.52	178.65	12126.70	8466.87	-8471.69	-1002.81	8530.84	186.75	4.66	107.16L
	20903.00	89.93	176.74	12126.33	8561.81	-8566.61	-998.99	8624.66	186.65	2.10	51.07R
	20998.00	90.14	177.00	12126.27	8656.69	-8661.47	-993.80	8718.30	186.55	0.35	93.81R
	21092.00	90.04	178.50	12126.12	8750.63	-8755.39	-990.11	8811.20	186.45	1.60	96.97L
	21187.00	89.93	177.60	12126.15	8845.59	-8850.34	-986.88	8905.19	186.36	0.95	87.56R
	21283.00	90.04	180.18	12126.17	8941.57	-8946.31	-985.02	9000.38	186.28	2.69	115.77L
	21377.00	89.76	179.60	12126.34	9035.57	-9040.31	-984.84	9093.80	186.22	0.69	66.11R
	21566.00	90.11	180.39	12126.55	9224.57	-9229.31	-984.82	9281.70	186.09	0.46	117.34L
	21661.00	89.04	178.32	12127.26	9319.55	-9324.29	-983.75	9376.05	186.02	2.45	66.23R
	21755.00	89.93	180.34	12128.10	9413.54	-9418.28	-982.65	9469.40	185.96	2.35	77.83L
	21850.00	90.04	179.83	12128.13	9508.54	-9513.28	-982.80	9563.91	185.90	0.55	93.63R
	21944.00	90.00	180.46	12128.09	9602.54	-9607.28	-983.03	9657.44	185.84	0.67	100.95L
	22038.00	89.94	180.15	12128.14	9696.53	-9701.27	-983.53	9751.00	185.79	0.34	4.4L
	22133.00	90.07	180.14	12128.14	9791.53	-9796.27	-983.77	9845.55	185.73	0.14	111.25L
	22227.00	90.00	179.96	12128.08	9885.53	-9890.27	-983.86	9939.09	185.68	0.21	53.75R
	22322.00	90.11	180.11	12127.99	9980.53	-9985.27	-983.91	10033.63	185.63	0.20	73.61R
	22416.00	90.21	180.45	12127.72	10074.52	-10079.27	-984.37	10127.23	185.58	0.38	82.48R
Actual LTP Cross	*22487.40*	*90.26*	*180.85*	*12127.43*	*10145.91*	*-10150.67*	*-985.19*	*10198.36*	*185.54*	*0.57*	*82.48R*
Last SLB MWD DMAG Survey	22510.00	90.28	180.98	12127.32	10168.51	-10173.26	-985.55	10220.89	185.53	0.57	HS
Projection to Bit	22572.00	90.28	180.98	12127.02	10230.49	-10235.25	-986.61	10282.70	185.51	0.00	

Survey Type: Def Survey

Survey Error Model: ISCWSA Rev 3 *** 3-D 97.071% Confidence 3.0000 sigma

Survey Program:

Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Survey Tool Type	Borehole / Survey
	1	0.000	32.600	1/98.425	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	32.600	32.600	Act Stns	30.000	30.000	A001Mb_MWD-Depth Only	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	32.600	761.900	Act Stns	30.000	30.000	A001Mb_MWD	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft
	1	761.900	4743.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM	SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	Closure (ft)	Closure Azimuth (°)	DLS (°/100ft)	TF (°)
		1	4743.000	11327.000	Act Stns	30.000	30.000	B002Mb_MWD+HRGM+AX		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	
		1	11327.000	12777.000	Act Stns	30.000	30.000	B001Mb_MWD+HRGM		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	
		1	12777.000	22572.000	Act Stns	30.000	30.000	B002Mb_MWD+HRGM+AX		SD 14 23 Fed P18 9H / Chevron SD 14 23 Fed P18 9H MWD+DMAG to 22572ft	

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

Form C-102
Revised August 1, 2011
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☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-45826	98065	WC-025-G-08 S263205N;UPPER WOLFCAMP

[4] Property Code	[5] Property Name	[6] Well Number
325138	SD 14 23 FED P19	20H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3218'

[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
B	14	26 SOUTH	32 EAST, N.M.P.M.		455'	NORTH	1380'	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
P	23	26 SOUTH	32 EAST, N.M.P.M.		25'	SOUTH	330'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
640	Infill		

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.

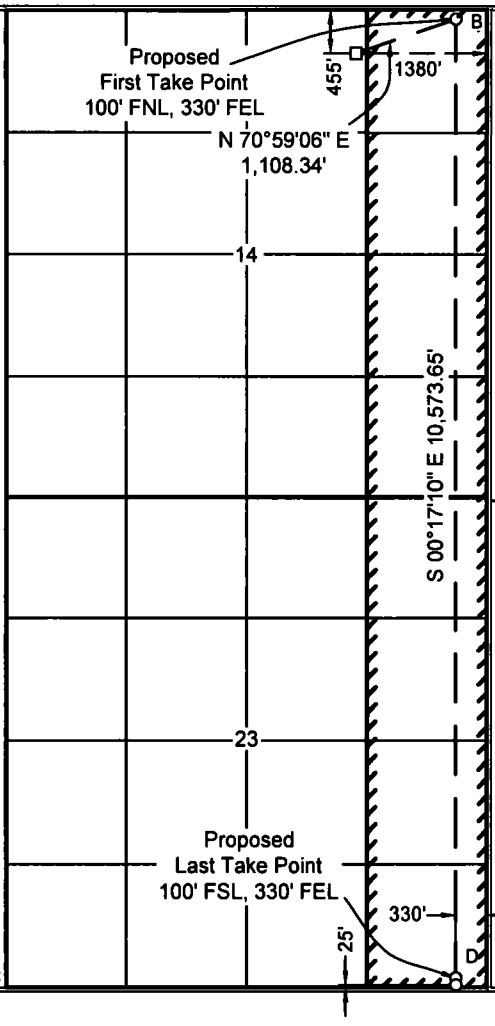
[16]

SD 14 23 FED P19 20H WELL		PROPOSED BOTTOM HOLE LOCATION	
X= 714,513 Y= 382,214 LAT. 32.048931 N LONG. 103.640984 W	NAD 27	X= 715,614 Y= 372,002 LAT. 32.020839 N LONG. 103.637644 W	NAD 27
X= 755,700 Y= 382,271 LAT. 32.049056 N LONG. 103.641454 W	NAD83/2011	X= 756,801 Y= 372,059 LAT. 32.020964 N LONG. 103.638112 W	NAD83/2011
ELEVATION +3218' NAVD 88			

PROPOSED FIRST TAKE POINT		PROPOSED LAST TAKE POINT	
X= 715,561 Y= 382,575 LAT. 32.049905 N LONG. 103.637595 W	NAD 27	X= 715,613 Y= 372,077 LAT. 32.021045 N LONG. 103.637644 W	NAD 27
X= 756,748 Y= 382,632 LAT. 32.050030 N LONG. 103.638064 W	NAD83/2011	X= 756,801 Y= 372,134 LAT. 32.021170 N LONG. 103.638112 W	NAD83/2011

CORNER COORDINATES TABLE (NAD 27)

A - Y=382643.92, X=710579.74
B - Y=382677.22, X=715890.15
C - Y=371945.53, X=710630.44
D - Y=371978.70, X=715943.63



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Signature 6/12/2019 Date

LBecerra@chevron.com
Printed Name

LBecerra@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

07/26/2017
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR
06/05/2019

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
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Phone: (505) 476-3460 Fax: (505) 476-3462

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

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Revised August 1, 2011
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District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46729	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326867	SD 15 FED P418	10H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3156'

[10] Surface Location

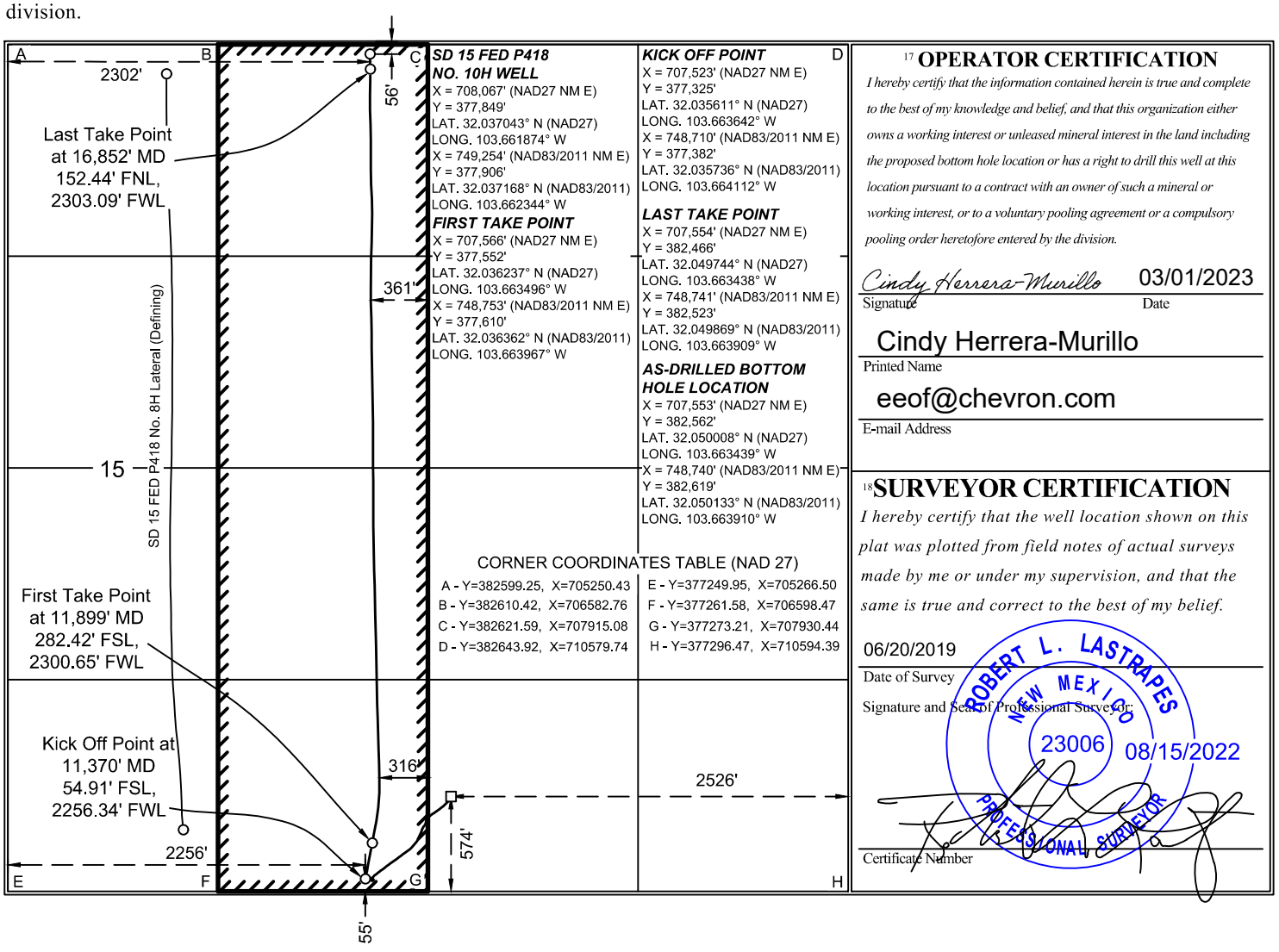
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	26 SOUTH	32 EAST, N.M.P.M.		574'	SOUTH	2526'	EAST	LEA

[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
C	15	26 SOUTH	32 EAST, N.M.P.M.		56'	NORTH	2302'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Infill		

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.



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Cindy Herrera-Murillo — 03/01/2023
Signature — Date

Cindy Herrera-Murillo
Printed Name

eeof@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

06/20/2019
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
08/15/2022
PROFESSIONAL SURVEYOR

Certificate Number

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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46726	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326867	SD 15 FED P418	8H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3156'

[10] Surface Location

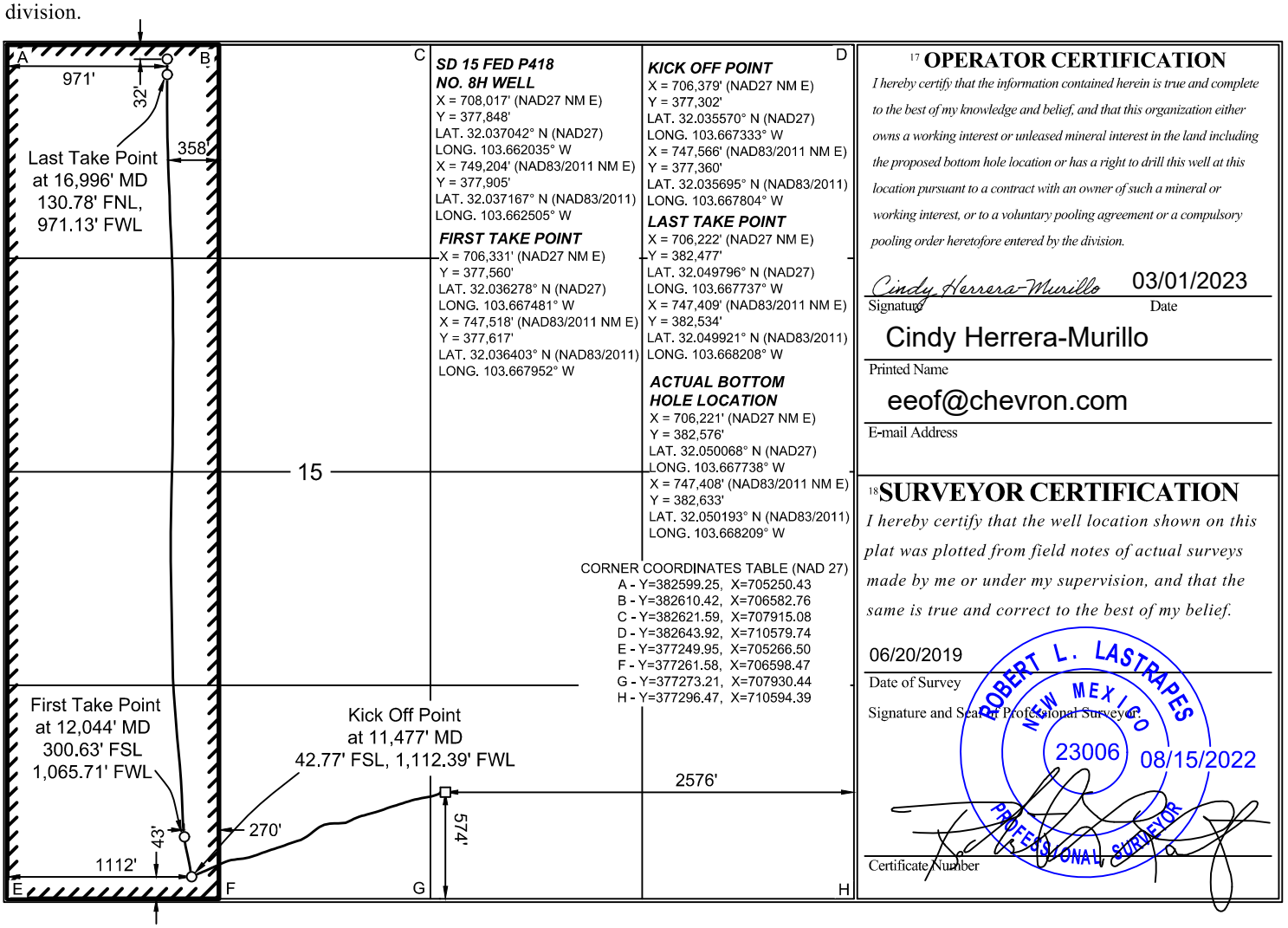
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	26 SOUTH	32 EAST, N.M.P.M.		574'	SOUTH	2576'	EAST	LEA

[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
D	15	26 SOUTH	32 EAST, N.M.P.M.		32'	NORTH	971'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Defining		

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.



SD 15 FED P418 NO. 8H WELL
X = 708,017' (NAD27 NM E)
Y = 377,848'
LAT. 32.037042° N (NAD27)
LONG. 103.662035° W
X = 749,204' (NAD83/2011 NM E)
Y = 377,905'
LAT. 32.037167° N (NAD83/2011)
LONG. 103.662505° W

FIRST TAKE POINT
X = 706,331' (NAD27 NM E)
Y = 377,560'
LAT. 32.036278° N (NAD27)
LONG. 103.667481° W
X = 747,518' (NAD83/2011 NM E)
Y = 377,617'
LAT. 32.036403° N (NAD83/2011)
LONG. 103.667952° W

KICK OFF POINT
X = 706,379' (NAD27 NM E)
Y = 377,302'
LAT. 32.035570° N (NAD27)
LONG. 103.667333° W
X = 747,566' (NAD83/2011 NM E)
Y = 377,360'
LAT. 32.035695° N (NAD83/2011)
LONG. 103.667804° W

LAST TAKE POINT
X = 706,222' (NAD27 NM E)
Y = 382,477'
LAT. 32.049796° N (NAD27)
LONG. 103.667737° W
X = 747,409' (NAD83/2011 NM E)
Y = 382,534'
LAT. 32.049921° N (NAD83/2011)
LONG. 103.668208° W

ACTUAL BOTTOM HOLE LOCATION
X = 706,221' (NAD27 NM E)
Y = 382,576'
LAT. 32.050068° N (NAD27)
LONG. 103.667738° W
X = 747,408' (NAD83/2011 NM E)
Y = 382,633'
LAT. 32.050193° N (NAD83/2011)
LONG. 103.668209° W

CORNER COORDINATES TABLE (NAD 27)
A - Y=382599.25, X=705250.43
B - Y=382610.42, X=706582.76
C - Y=382621.59, X=707915.08
D - Y=382643.92, X=710579.74
E - Y=377249.95, X=705266.50
F - Y=377261.58, X=706598.47
G - Y=377273.21, X=707930.44
H - Y=377296.47, X=710594.39

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I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Cindy Herrera-Murillo — Signature — 03/01/2023 — Date

Cindy Herrera-Murillo — Printed Name

eeof@chevron.com — E-mail Address

[18] SURVEYOR CERTIFICATION

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.

06/20/2019 — Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES — NEW MEXICO — 23006 — 08/15/2022 — PROFESSIONAL SURVEYOR

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[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3156'

[10] Surface Location

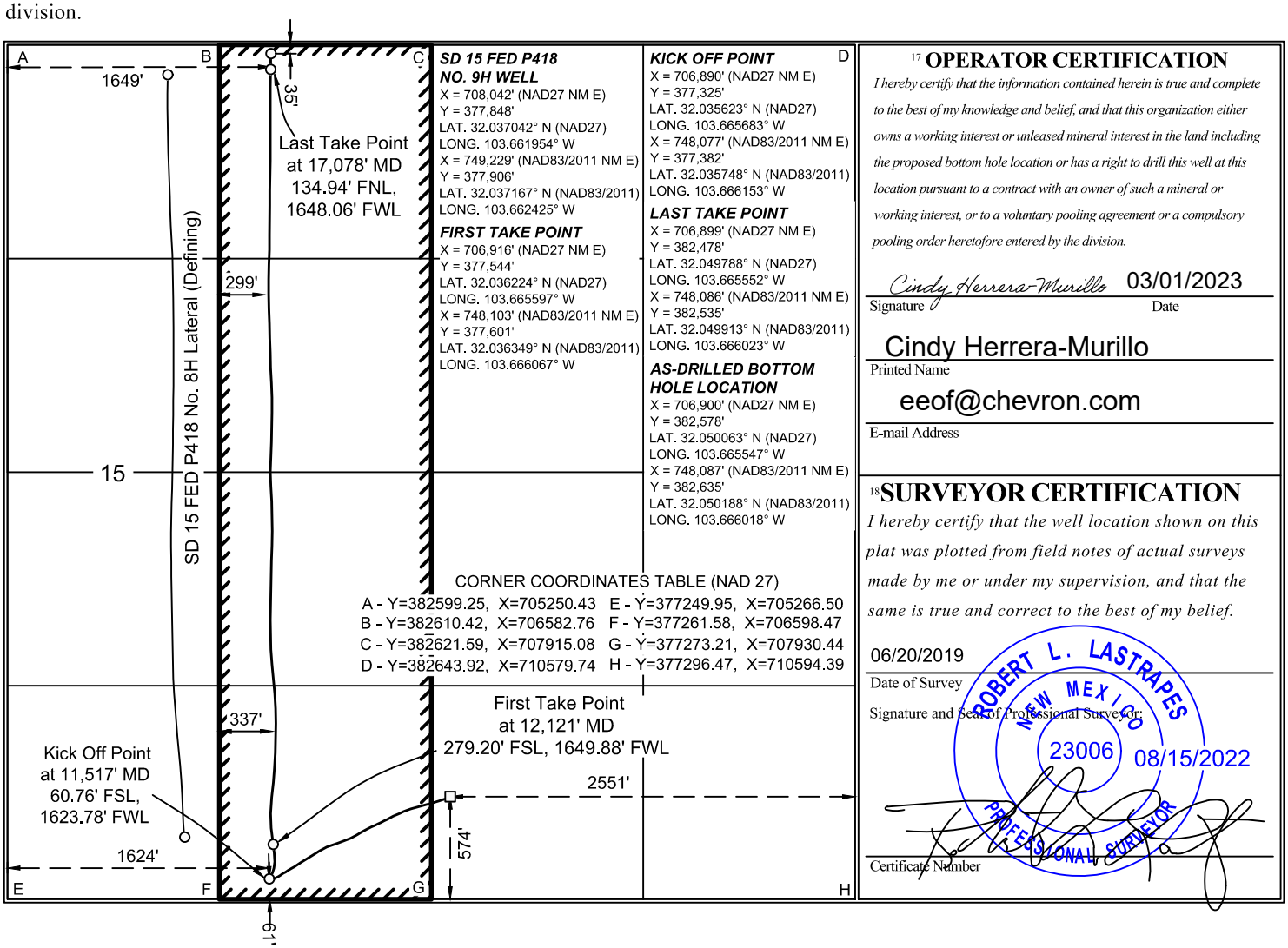
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	15	26 SOUTH	32 EAST, N.M.P.M.		574'	SOUTH	2551'	EAST	LEA

[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
C	15	26 SOUTH	32 EAST, N.M.P.M.		35'	NORTH	1649'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Infill		

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.



[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Cindy Herrera-Murillo 03/01/2023
Signature Date

Cindy Herrera-Murillo
Printed Name

eeof@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

06/20/2019
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
08/15/2022
PROFESSIONAL SURVEYOR

Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46730	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326868	SD 15 FED P419	11H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3159'

[10] Surface Location

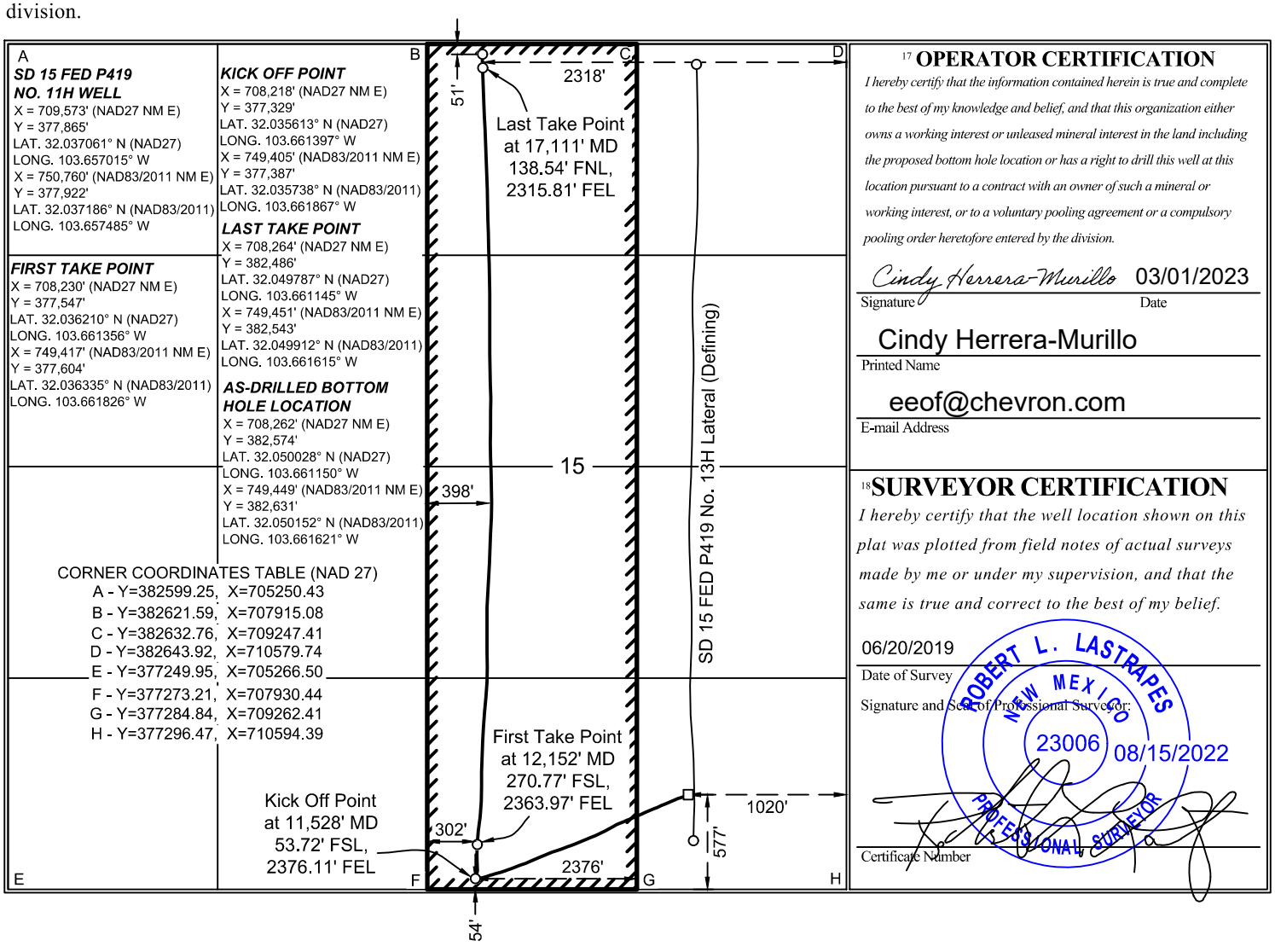
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	15	26 SOUTH	32 EAST, N.M.P.M.		577'	SOUTH	1020'	EAST	LEA

[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
B	15	26 SOUTH	32 EAST, N.M.P.M.		51'	NORTH	2318'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Infill		

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.



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Cindy Herrera-Murillo 03/01/2023
Signature Date

Cindy Herrera-Murillo
Printed Name

eeof@chevron.com
E-mail Address

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NEW MEXICO
23006
08/15/2022
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46731	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326868	SD 15 FED P419	12H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3159'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		577'	SOUTH	995'	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
B	15	26 SOUTH	32 EAST, N.M.P.M.		49'	NORTH	1640'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Infill		

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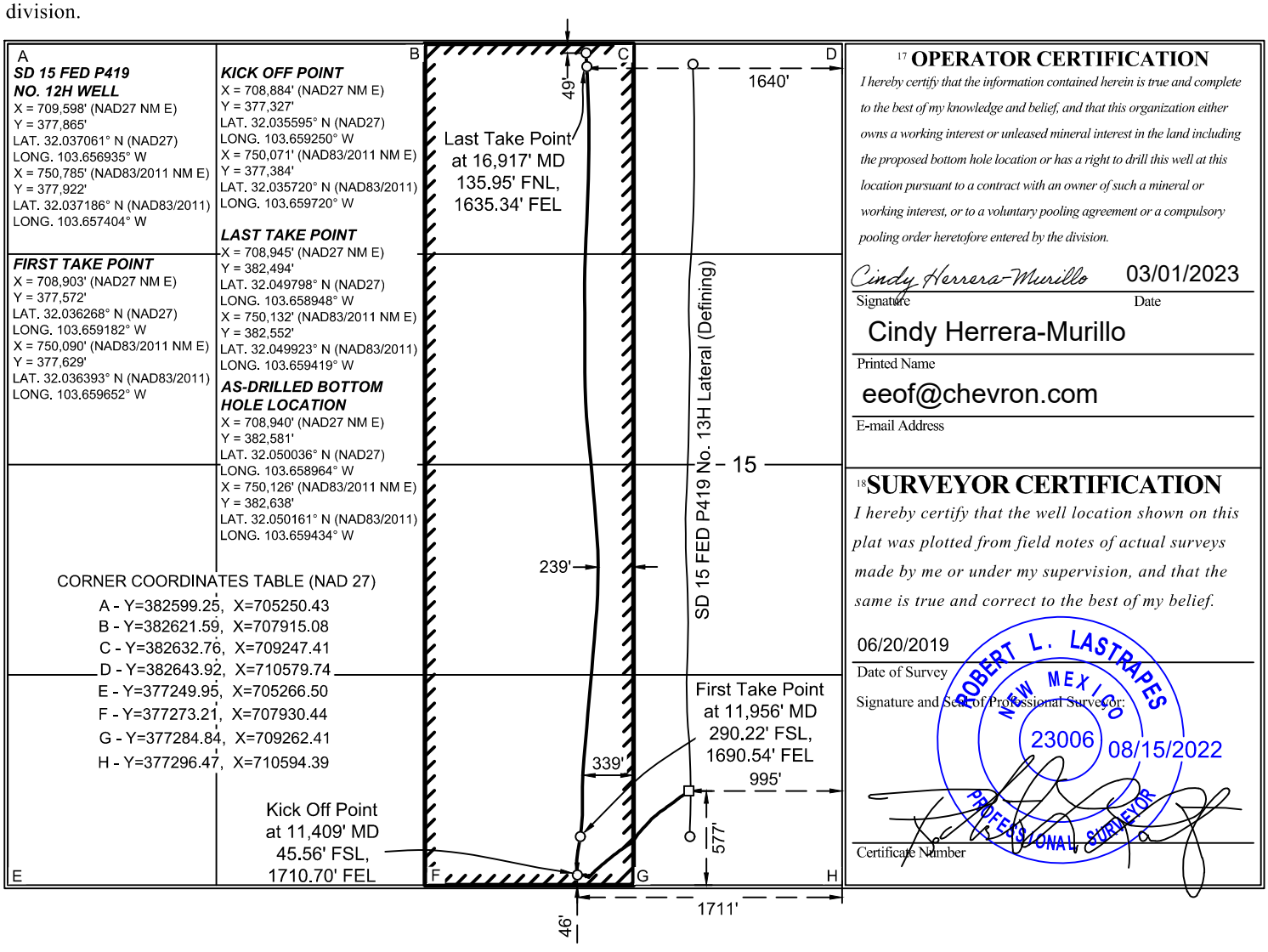

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Cindy Herrera-Murillo — Signature
03/01/2023 — Date

Cindy Herrera-Murillo
Printed Name

eeof@chevron.com
E-mail Address

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06/20/2019
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
08/15/2022
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46810	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326868	SD 15 FED P419	13H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3161'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		577'	SOUTH	970'	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
A	15	26 SOUTH	32 EAST, N.M.P.M.		42'	NORTH	962'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Defining		

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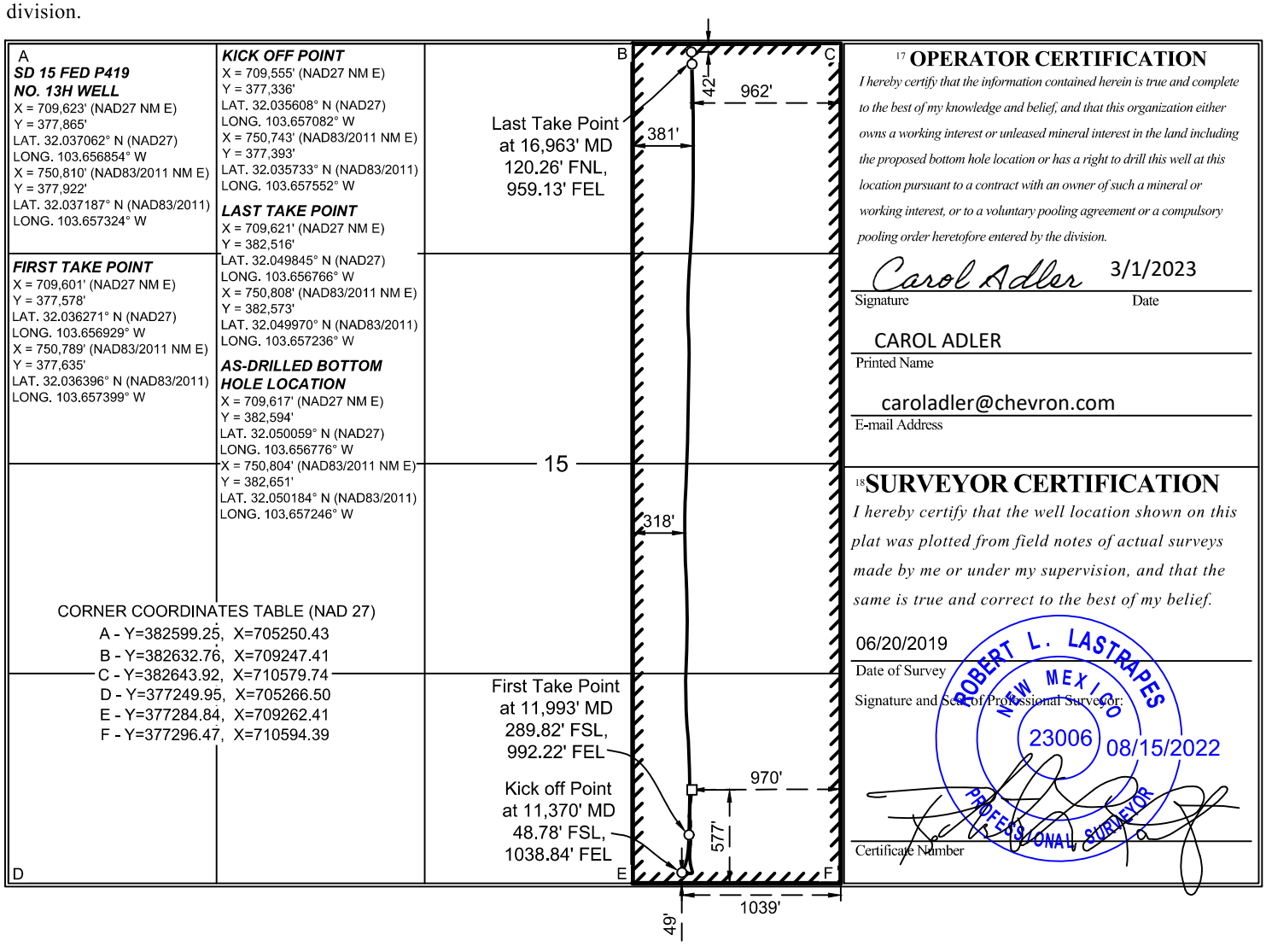

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Carol Adler 3/1/2023
Signature Date

CAROL ADLER
Printed Name

caroladler@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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06/20/2019
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES NEW MEXICO 23006 08/15/2022 PROFESSIONAL SURVEYOR

Certificate Number

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Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-46732	98065	WC-025 G-08 S263205N; Upper Wolfcamp

[4] Property Code	[5] Property Name	[6] Well Number
326868	SD 15 FED P419	14H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3160'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		577'	SOUTH	945'	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
A	15	26 SOUTH	32 EAST, N.M.P.M.		42'	NORTH	346'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160	Infill		

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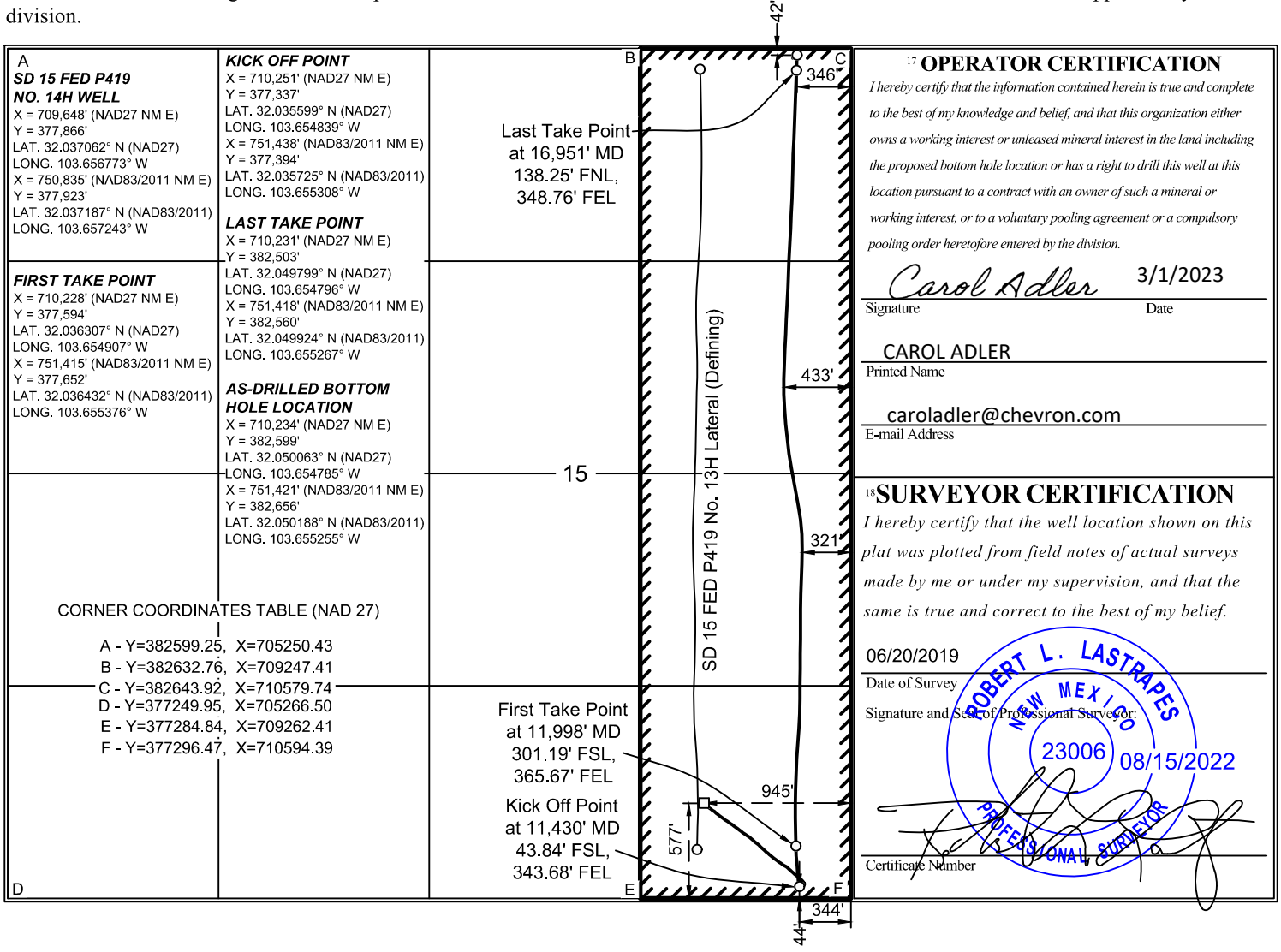

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Carol Adler 3/1/2023
Signature Date

CAROL ADLER
Printed Name

caroladler@chevron.com
E-mail Address

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Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES NEW MEXICO 23006 08/15/2022 PROFESSIONAL SURVEYOR

Certificate Number

HOBBS OCD

SEP 21 2015

RECEIVED

HOBBS OCD

DEC 05 2016

RECEIVED

District I
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OIL CONSERVATION DIVISION
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Santa Fe, NM 87505

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☑ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-42801	97838	Jennings; Upper BONE Spring Shale

4 Property Code	5 Property Name	6 Well Number
316266	SD WE 14 FED P5 ✓	2H ✓

7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3157'

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
M	14	26 SOUTH	32 EAST, N.M.P.M.		10'	SOUTH	673'	WEST	LEA

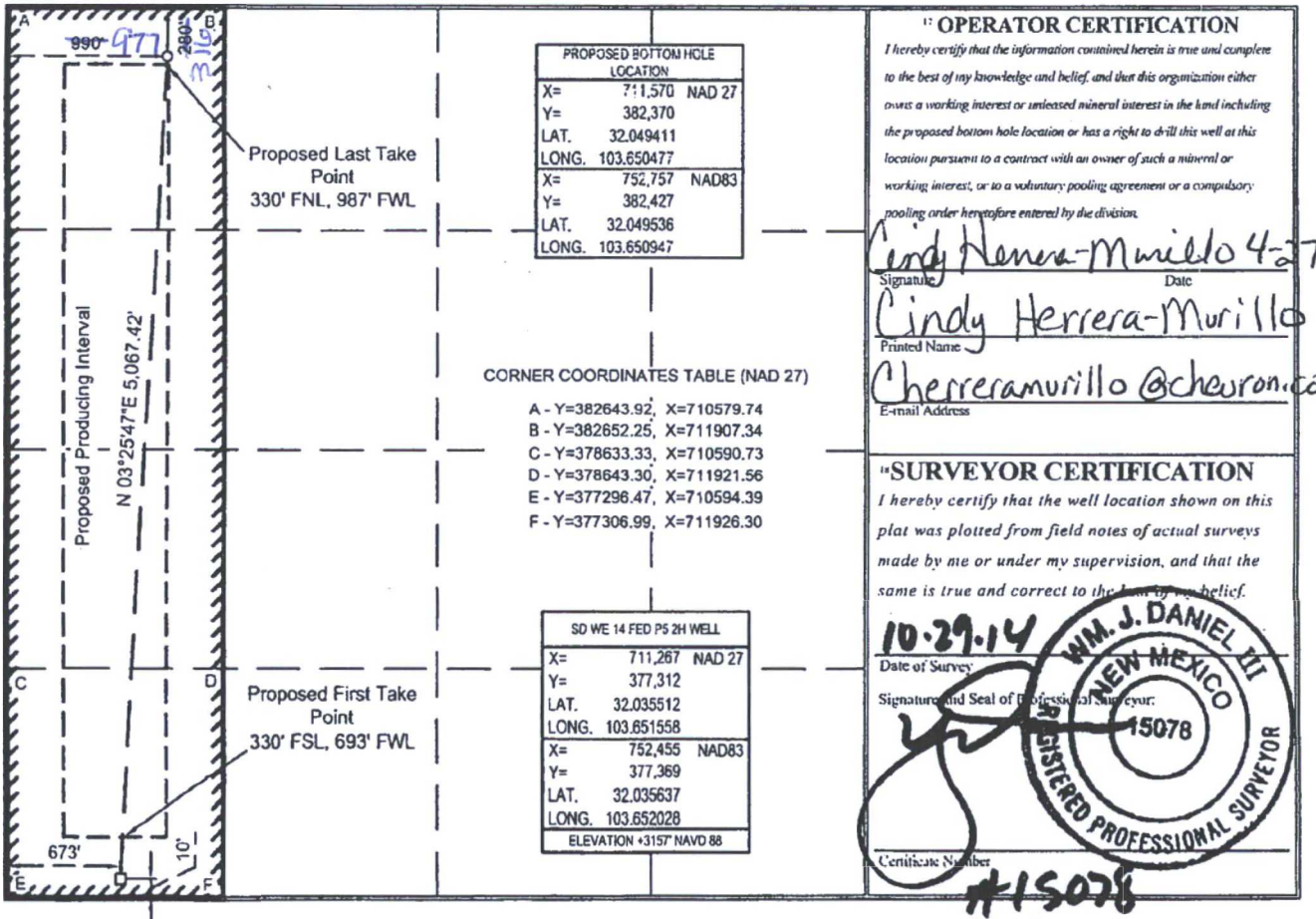
11 Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	14	26 SOUTH	32 EAST, N.M.P.M.		280' 316'	NORTH	990' 977'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

11/29/2016 Amended Plat

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.



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Cindy Herrera-Murillo 4-27-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramurillo@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

10-29-14
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

SEP 23 2015

District I
1625 N. French Dr., Hobbs, NM 88240
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Phone: (505) 476-3460 Fax: (505) 476-3462

HOBBS OCD
OCT 06 2016
RECEIVED

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

HOBBS OCD
FEB 29 2016
RECEIVED

Form C-102
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☒ AMENDED REPORT "As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-43086	97838	Jennings; Upper BONE SPRING Shale

4 Property Code	5 Property Name	6 Well Number
316012	SD WE 14 FED P7	3H
7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3165'

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	14	26 SOUTH	32 EAST, N.M.P.M.		215'	SOUTH	698'	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
A	14	26 SOUTH	32 EAST, N.M.P.M.		~~180'~~ 117'	NORTH	~~990'~~ 1011'	EAST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

10/03/2016 Revised Directional

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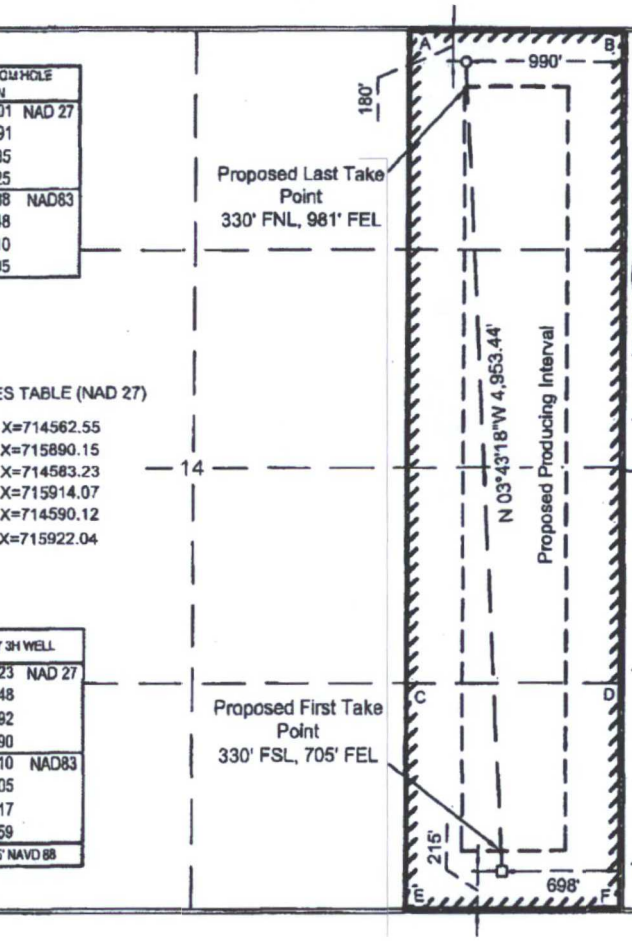
16

PROPOSED BOTTOM HOLE LOCATION
X= 714,901 NAD 27
Y= 382,491
LAT. 32.049685
LONG. 103.639725
X= 756,088 NAD83
Y= 382,548
LAT. 32.049810
LONG. 103.640195

CORNER COORDINATES TABLE (NAD 27)
A - Y=382668.90, X=714562.55
B - Y=382677.22, X=715890.15
C - Y=378663.24, X=714583.23
D - Y=378673.21, X=715914.07
E - Y=377328.02, X=714590.12
F - Y=377338.54, X=715922.04

SD WE 14 FED P7 3H WELL
X= 715,223 NAD 27
Y= 377,548
LAT. 32.036092
LONG. 103.638790
X= 756,410 NAD83
Y= 377,605
LAT. 32.036217
LONG. 103.639259
ELEVATION +3165' NAVD 88



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Cindy Herrera-Murillo 1-31-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherrera murillo @ chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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3.24.15
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
19078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

HOBBS OCD
OCT 06 2016
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HOBBS OCD
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WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43087	97838	Jennings; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
316012	SD WE 14 FED P7	4H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3165'

[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	14	26 SOUTH	32 EAST, N.M.P.M.		215'	SOUTH	648'	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
A	14	26 SOUTH	32 EAST, N.M.P.M.		~~180'~~ 108'	NORTH	~~330'~~ 369'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

Denise Pinkerton 10/03/2016

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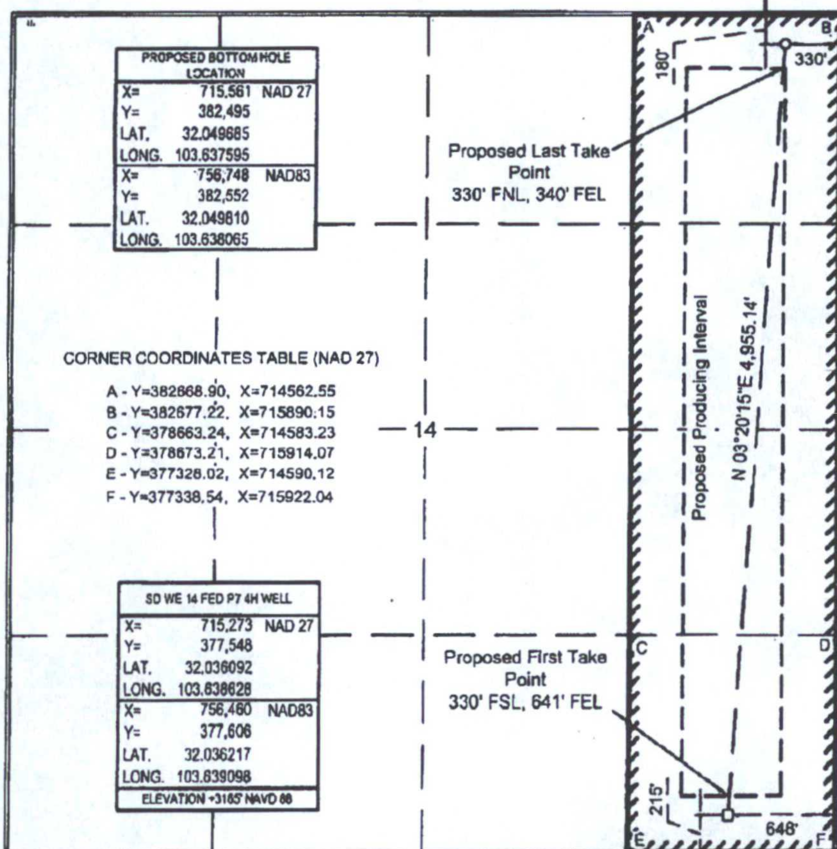

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Cindy Herrera-Murillo 7-31-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramurillo@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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3.24.15
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Signature and Seal of Professional Surveyor:

WM. J. DANIEL III NEW MEXICO 15078 REGISTERED PROFESSIONAL SURVEYOR

Certificate Number
#15078

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

HOBBS OCD
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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
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43613	97838	Jennings; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
317407	SD WE 15 FED P12	1H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3149'

[10] Surface Location

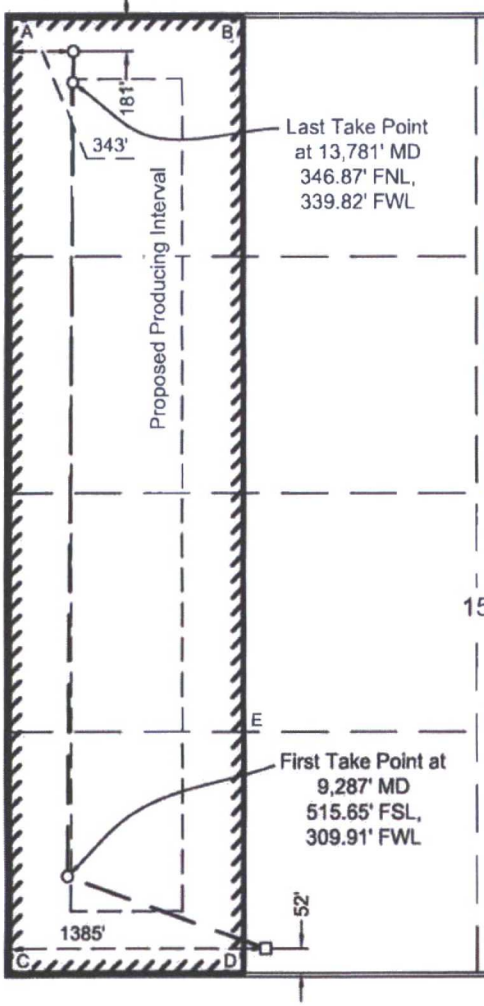
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	26 SOUTH	32 EAST, N.M.P.M.		52'	SOUTH	1385'	WEST	LEA

[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
D	15	26 SOUTH	32 EAST, N.M.P.M.		181'	NORTH	343'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
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.



LAST TAKE POINT		AS-DRILLED BOTTOM HOLE LOCATION	
X= 705,591	NAD 27	X= 705,594	NAD 27
Y= 382,255		Y= 382,421	
LAT. 32.049198		LAT. 32.049654	
LONG. 103.669776		LONG. 103.669763	
X= 746,778	NAD83	X= 746,781	NAD83
Y= 382,313		Y= 382,478	
LAT. 32.049323		LAT. 32.049779	
LONG. 103.670247		LONG. 103.670234	
FIRST TAKE POINT		SD WE 15 FED P12 1H WELL	
X= 705,575	NAD 27	X= 706,651	NAD 27
Y= 377,768		Y= 377,314	
LAT. 32.036864		LAT. 32.035597	
LONG. 103.669918		LONG. 103.666454	
X= 746,762	NAD83	X= 747,838	NAD83
Y= 377,826		Y= 377,371	
LAT. 32.036989		LAT. 32.035722	
LONG. 103.670389		LONG. 103.666924	
		ELEVATION +3149' NAVD 88	

15

CORNER COORDINATES TABLE (NAD 27)

A - Y=382599.25, X=705250.43
B - Y=382610.42, X=706582.76
C - Y=377249.95, X=705266.50
D - Y=377261.58, X=706598.47
E - Y=378598.79, X=706594.54
F - Y=378610.31, X=707926.60
G - Y=377273.21, X=707930.44

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Pinkerton 12/19/2017
Signature Date

Denise Pinkerton
Printed Name

Leakejd@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

*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.*

5-26-2016
Date of Survey

Signature and Seal of Professional Surveyor

ROBERT L. TRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR

11-15-2017

23006
Certificate Number

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1625 N French Dr., Hobbs, NM 88240
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Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
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☒ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-43594	97838	Jennings; Upper Bone Spring Shale

4 Property Code	5 Property Name	6 Well Number
317401	SD WE 15 FED P12	2H

7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3147'

10 Surface Location

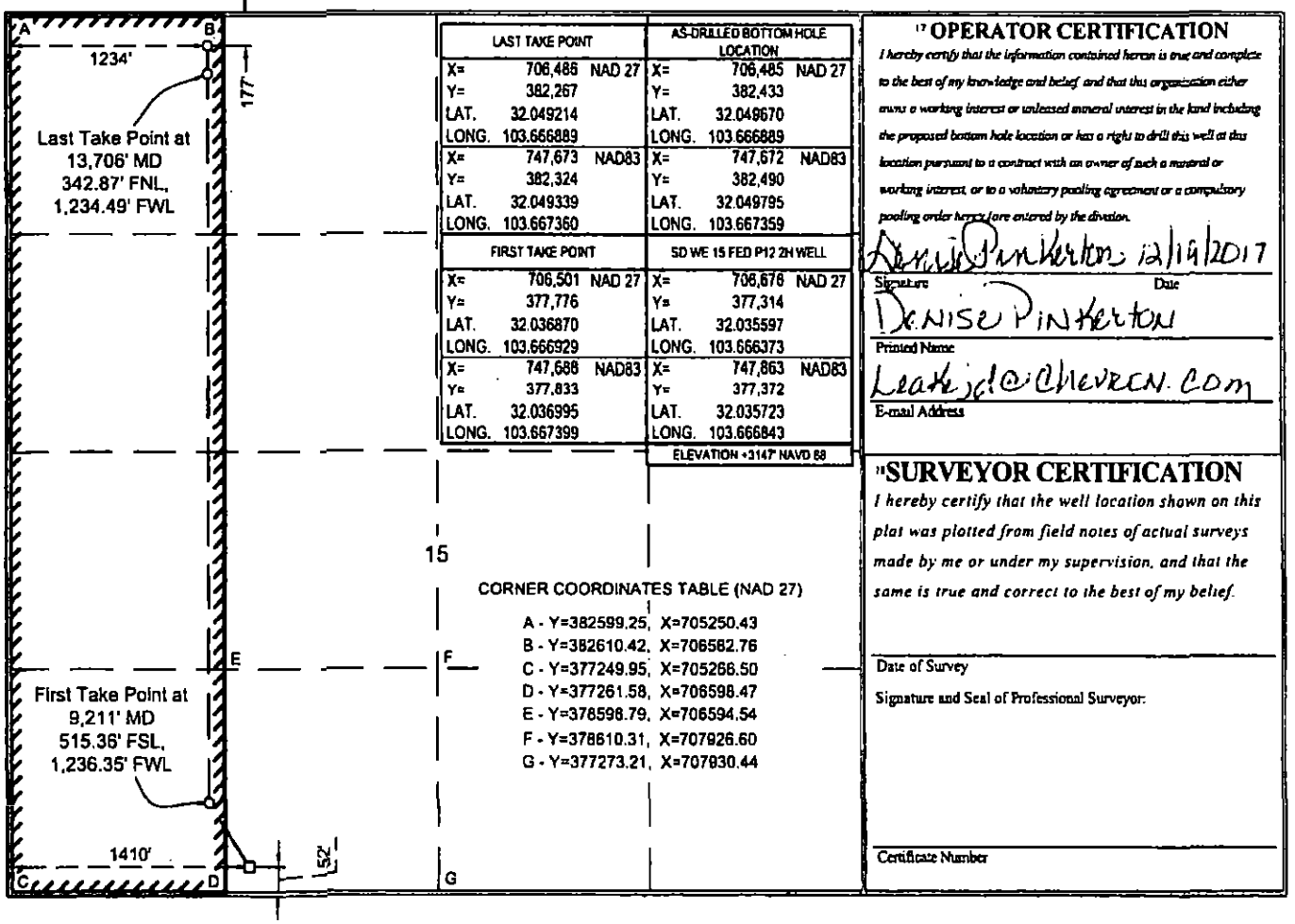
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	15	26 SOUTH	32 EAST, N.M.P.M.		52'	SOUTH	1410'	WEST	LEA

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
D	15	26 SOUTH	32 EAST, N.M.P.M.		177'	NORTH	1234'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No
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.



LAST TAKE POINT		AS-DRILLED BOTTOM HOLE LOCATION	
X= 706,486	NAD 27	X= 706,485	NAD 27
Y= 382,267		Y= 382,433	
LAT. 32.049214		LAT. 32.049670	
LONG. 103.666889		LONG. 103.666889	
X= 747,673	NAD83	X= 747,672	NAD83
Y= 382,324		Y= 382,490	
LAT. 32.049339		LAT. 32.049795	
LONG. 103.667360		LONG. 103.667359	
FIRST TAKE POINT		SD WE 15 FED P12 2H WELL	
X= 706,501	NAD 27	X= 706,676	NAD 27
Y= 377,776		Y= 377,314	
LAT. 32.036870		LAT. 32.035597	
LONG. 103.666929		LONG. 103.666373	
X= 747,688	NAD83	X= 747,863	NAD83
Y= 377,833		Y= 377,372	
LAT. 32.036995		LAT. 32.035723	
LONG. 103.667399		LONG. 103.666843	
		ELEVATION +3147' NAVD 88	

CORNER COORDINATES TABLE (NAD 27)
A - Y=382599.25, X=705250.43
B - Y=382610.42, X=706582.76
C - Y=377249.95, X=705266.50
D - Y=377261.58, X=706598.47
E - Y=378598.79, X=706594.54
F - Y=378610.31, X=707926.60
G - Y=377273.21, X=707930.44

17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Pinkerton 12/19/2017
Signature Date

DENISE PINKERTON
Printed Name

Leakejd@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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Date of Survey

Signature and Seal of Professional Surveyor:

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

Form C-102
Revised August 1, 2011
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☒ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-43595	97838	Jennings; Upper Bone Spring Shale

4 Property Code	5 Property Name	6 Well Number
317407	SD WE 15 FED P12	3H
7 OGRID No. 4323	8 Operator Name CHEVRON U.S.A. INC.	9 Elevation 3148'

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
N	15	26 SOUTH	32 EAST, N.M.P.M.		52'	SOUTH	1435'	WEST	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
C	15	26 SOUTH	32 EAST, N.M.P.M.		174'	NORTH	2147'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

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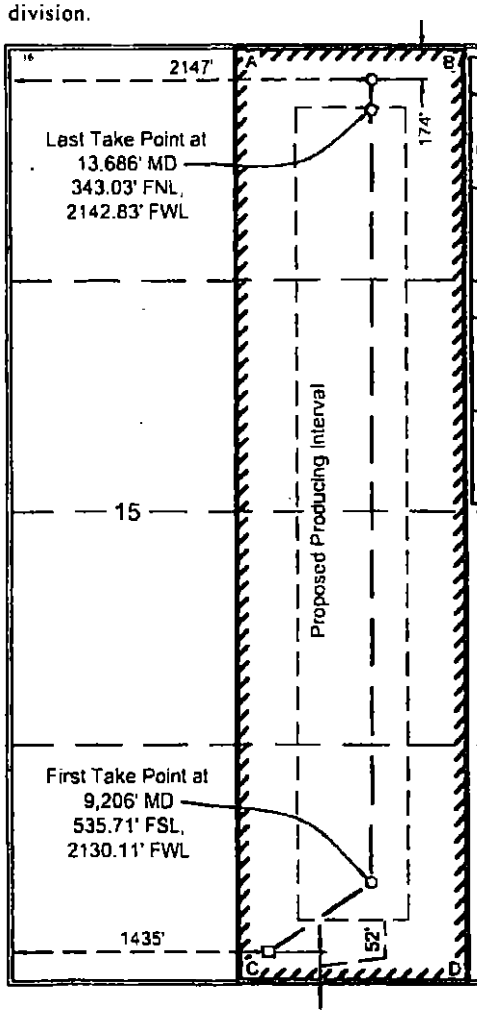

LAST TAKE POINT		AS-DRILLED BOTTOM HOLE LOCATION	
X= 707,394	NAD 27	X= 707,398	NAD 27
Y= 382,274		Y= 382,443	
LAT. 32.049219		LAT. 32.049583	
LONG. 103.663957		LONG. 103.663943	
X= 748,581	NAD83	X= 748,585	NAD83
Y= 382,331		Y= 382,500	
LAT. 32.049344		LAT. 32.049808	
LONG. 103.664428		LONG. 103.664414	
FIRST TAKE POINT		SD WE 15 FED P12 3H WELL	
X= 707,395	NAD 27	X= 706,701	NAD 27
Y= 377,804		Y= 377,315	
LAT. 32.036932		LAT. 32.035598	
LONG. 103.664044		LONG. 103.666292	
X= 748,582	NAD83	X= 747,888	NAD83
Y= 377,861		Y= 377,372	
LAT. 32.037057		LAT. 32.035723	
LONG. 103.664514		LONG. 103.666763	
ELEVATION +3148' NAVD 88			

CORNER COORDINATES TABLE (NAD 27)

A - Y=382610.42, X=706582.76
B - Y=382621.59, X=707915.08
C - Y=377261.58, X=706598.47
D - Y=377273.21, X=707930.44

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Denise Pinkerton 12/19/2017
Signature Date

DENISE PINKERTON
Printed Name

leakejd@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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5-26-2016
Date of Survey

Signature and Seal of Professional Surveyor

ROBERT L. ERSTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR
12-15-2017

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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State of New Mexico
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HOBBS OCD
DEC 26 2017
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"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43640	97838	Jennings; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
317456	SD WE 15 FED P9	5H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3157'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		12'	SOUTH	1471'	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
B	15	26 SOUTH	32 EAST, N.M.P.M.		178'	NORTH	2253'	EAST	LEA

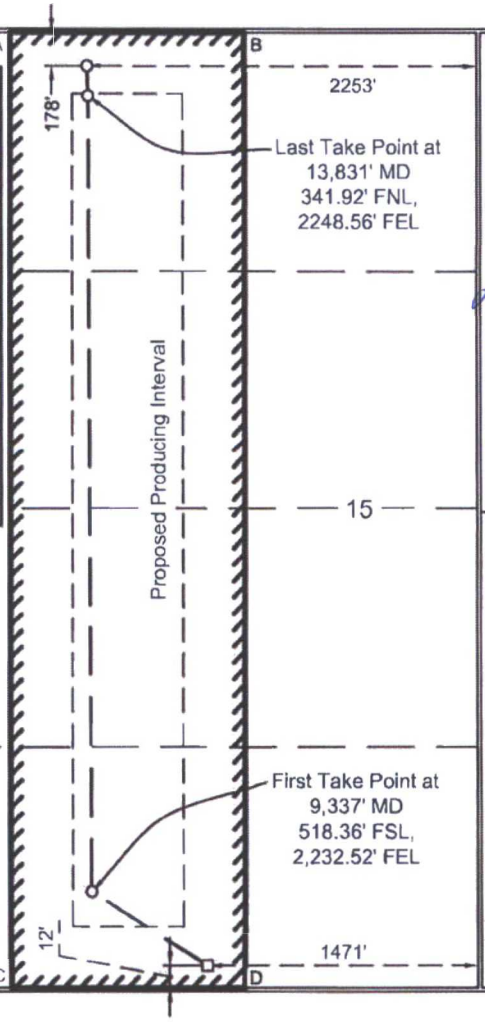
[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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.

[16]

A	
AS-DRILLED BOTTOM HOLE LOCATION	LAST TAKE POINT
X= 708,327 NAD 27	X= 708,332 NAD 27
Y= 382,447	Y= 382,283
LAT. 32.049678	LAT. 32.049228
LONG. 103.660944	LONG. 103.660930
X= 749,514 NAD83	X= 749,519 NAD83
Y= 382,504	Y= 382,340
LAT. 32.049803	LAT. 32.049353
LONG. 103.661415	LONG. 103.661401
SD WE 15 FED P9 5H WELL	FIRST TAKE POINT
X= 709,124 NAD 27	X= 708,360 NAD 27
Y= 377,296	Y= 377,795
LAT. 32.035506	LAT. 32.036891
LONG. 103.658475	LONG. 103.660929
X= 750,311 NAD83	X= 749,548 NAD83
Y= 377,353	Y= 377,853
LAT. 32.035631	LAT. 32.037016
LONG. 103.658945	LONG. 103.661399
ELEVATION +3157' NAVD 88	

CORNER COORDINATES TABLE (NAD 27)
A - Y=382621.59, X=707915.08
B - Y=382632.76, X=709247.41
C - Y=377273.21, X=707930.44
D - Y=377284.84, X=709262.41



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Denise Pinkerton 12/19/2017
Signature Date

DENISE PINKERTON
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E-mail Address

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Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
11-15-2017

23006
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"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43641	97838	Jennings; Upper Bone Spring, Shale

[4] Property Code	[5] Property Name	[6] Well Number
317456	SD WE 15 FED P9	6H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3157'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		12'	SOUTH	1446'	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
B	15	26 SOUTH	32 EAST, N.M.P.M.		173'	NORTH	1351'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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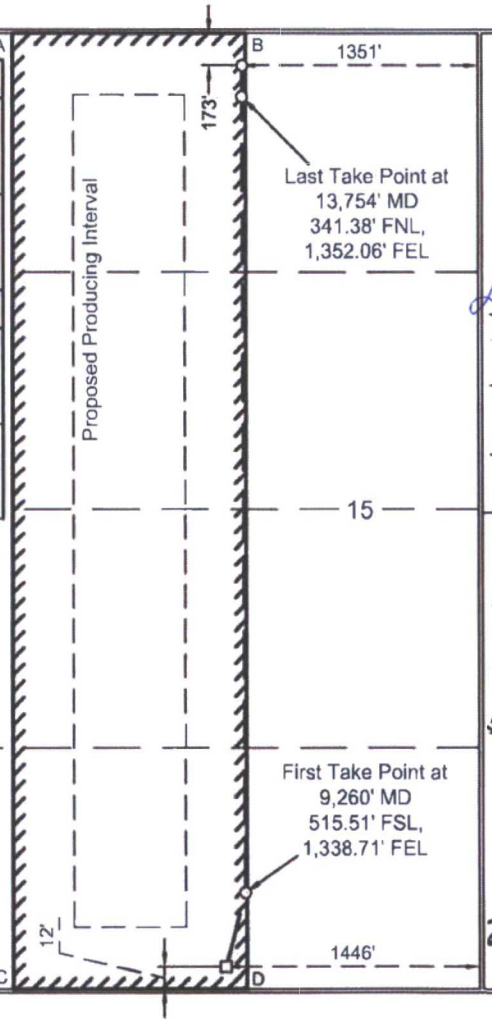
[16]

AS-DRILLED BOTTOM HOLE LOCATION		LAST TAKE POINT	
X=	709,230 NAD 27	X=	709,229 NAD 27
Y=	382,460	Y=	382,291
LAT.	32.049698	LAT.	32.049235
LONG.	103.658030	LONG.	103.658036
X=	750,416 NAD83	X=	750,416 NAD83
Y=	382,517	Y=	382,349
LAT.	32.049823	LAT.	32.049360
LONG.	103.658501	LONG.	103.658507
SD WE 15 FED P9 6H WELL		FIRST TAKE POINT	
X=	709,149 NAD 27	X=	709,254 NAD 27
Y=	377,296	Y=	377,800
LAT.	32.035506	LAT.	32.036889
LONG.	103.658395	LONG.	103.658044
X=	750,336 NAD83	X=	750,441 NAD83
Y=	377,353	Y=	377,857
LAT.	32.035631	LAT.	32.037015
LONG.	103.658865	LONG.	103.658514
ELEVATION +3157' NAVD 88			

CORNER COORDINATES TABLE (NAD 27)
A - Y=382621.59, X=707915.08
B - Y=382632.76, X=709247.41
C - Y=377273.21, X=707930.44
D - Y=377284.84, X=709262.41



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Denise Pinkerton 12/19/2017
Signature Date

Denise Pinkerton
Printed Name

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[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43642	97838	Jennings; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
317456	SD WE 15 FED P9	7H
[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3158'

[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	15	26 SOUTH	32 EAST, N.M.P.M.		12'	SOUTH	1421'	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
A	15	26 SOUTH	32 EAST, N.M.P.M.		235'	NORTH	444'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
160			

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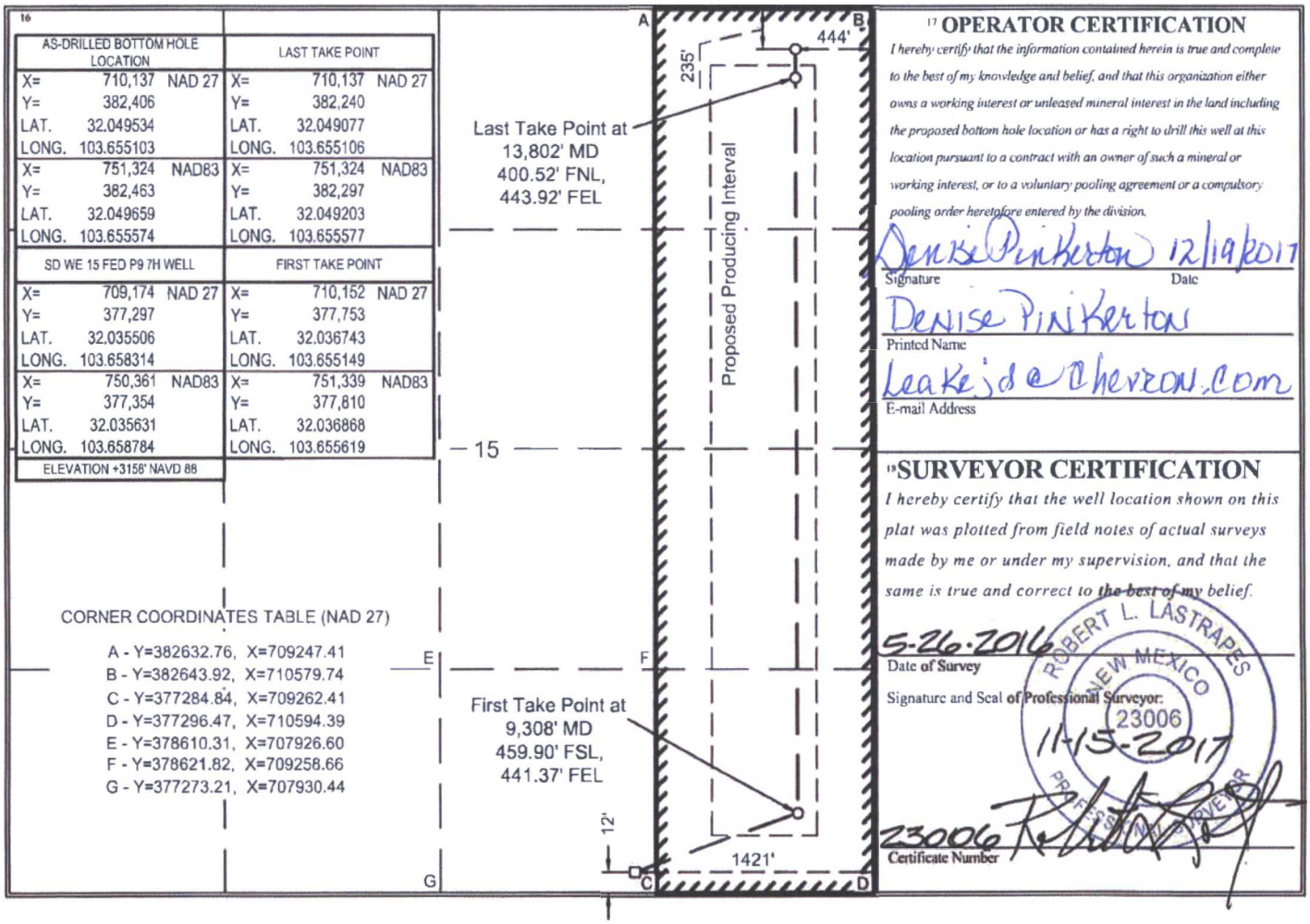
[16]

AS-DRILLED BOTTOM HOLE LOCATION		LAST TAKE POINT	
X= 710,137	NAD 27	X= 710,137	NAD 27
Y= 382,406		Y= 382,240	
LAT. 32.049534		LAT. 32.049077	
LONG. 103.655103		LONG. 103.655106	
X= 751,324	NAD83	X= 751,324	NAD83
Y= 382,463		Y= 382,297	
LAT. 32.049659		LAT. 32.049203	
LONG. 103.655574		LONG. 103.655577	
SD WE 15 FED P9 7H WELL		FIRST TAKE POINT	
X= 709,174	NAD 27	X= 710,152	NAD 27
Y= 377,297		Y= 377,753	
LAT. 32.035506		LAT. 32.036743	
LONG. 103.658314		LONG. 103.655149	
X= 750,361	NAD83	X= 751,339	NAD83
Y= 377,354		Y= 377,810	
LAT. 32.035631		LAT. 32.036868	
LONG. 103.658784		LONG. 103.655619	
ELEVATION +3158' NAVD 88			



CORNER COORDINATES TABLE (NAD 27)

A - Y=382632.76, X=709247.41
B - Y=382643.92, X=710579.74
C - Y=377284.84, X=709262.41
D - Y=377296.47, X=710594.39
E - Y=378610.31, X=707926.60
F - Y=378621.82, X=709258.66
G - Y=377273.21, X=707930.44

[17] OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Pinkerton 12/19/2017
Signature Date

DENISE PINKERTON
Printed Name

leakejd@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

5-26-2016
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR

11-15-2017

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

[X] AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-43460	97838	JENNINGS; UPPER BONE SPRING SHALE

4 Property Code	5 Property Name	6 Well Number
317068	SD WE 23 FED P25	1H

7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3121'

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
N	23	26 SOUTH	32 EAST, N.M.P.M.		260'	SOUTH	2603'	WEST	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
C	14	26 SOUTH	32 EAST, N.M.P.M.		193'	NORTH	1810'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
320			

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.

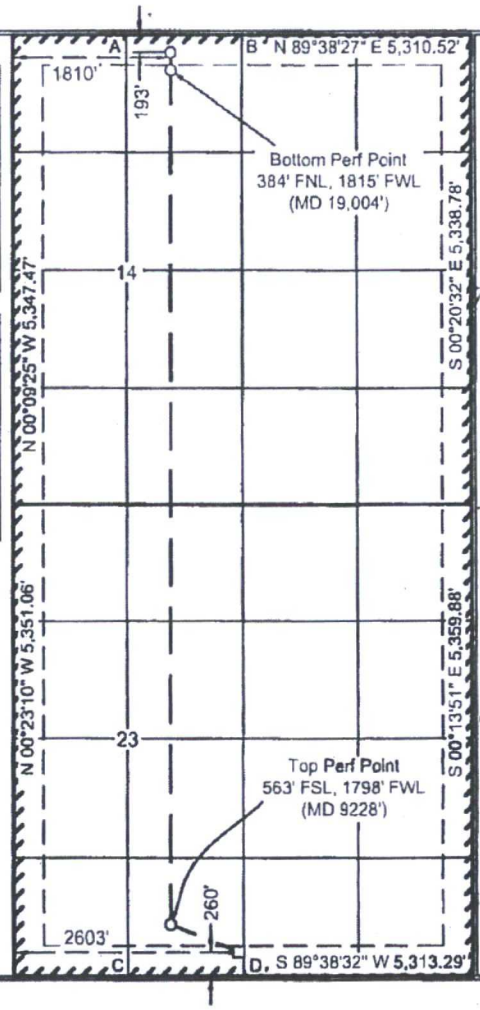
16

SD WE 23 FED P25 1H WELL		TOP PERF POINT	
X= 713,232	NAD 27	X= 712,425	NAD 27
Y= 372,222		Y= 372,520	
LAT. 32.021486		LAT. 32.022319	
LONG. 103.645324		LONG. 103.647921	
X= 754,419	NAD83	X= 753,612	NAD83
Y= 372,279		Y= 372,577	
LAT. 32.021611		LAT. 32.022444	
LONG. 103.645793		LONG. 103.648390	
ELEVATION +3121 NAVD 88			
BOTTOM PERF POINT		ACTUAL BOTTOM HOLE LOCATION	
X= 712,396	NAD 27	X= 712,391	NAD 27
Y= 382,271		Y= 382,463	
LAT. 32.049124		LAT. 32.049652	
LONG. 103.647815		LONG 103.647828	
X= 753,583	NAD83	X= 753,578	NAD83
Y= 382,328		Y= 382,520	
LAT. 32.049249		LAT. 32.049777	
LONG. 103.648285		LONG. 103.648298	

SALADO DRAW FIELD RULES

CORNER COORDINATES TABLE (NAD 27)

A - Y=382652.25, X=711907.34
B - Y=382660.57, X=713234.95
C - Y=371953.82, X=711958.74
D - Y=371962.12, X=713287.04



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Denise Pinkerton 08/03/2017
Signature Date

Denise Pinkerton
Printed Name

Leakejd@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

2-8-2016
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
6-22-2017
PROFESSIONAL SURVEYOR

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
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HOBBS OCD
AUG 24 2017
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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

"Gas Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43461	97538	JENNINGS; Upper Bone Spring Shale

[4] Property Code	[5] Property Name	[6] Well Number
317068	SD WE 23 FED P25	2H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3122'

[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
N	23	26 SOUTH	32 EAST, N.M.P.M.		260'	SOUTH	2628'	WEST	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
C	14	26 SOUTH	32 EAST, N.M.P.M.		128'	NORTH	2585'	WEST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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.

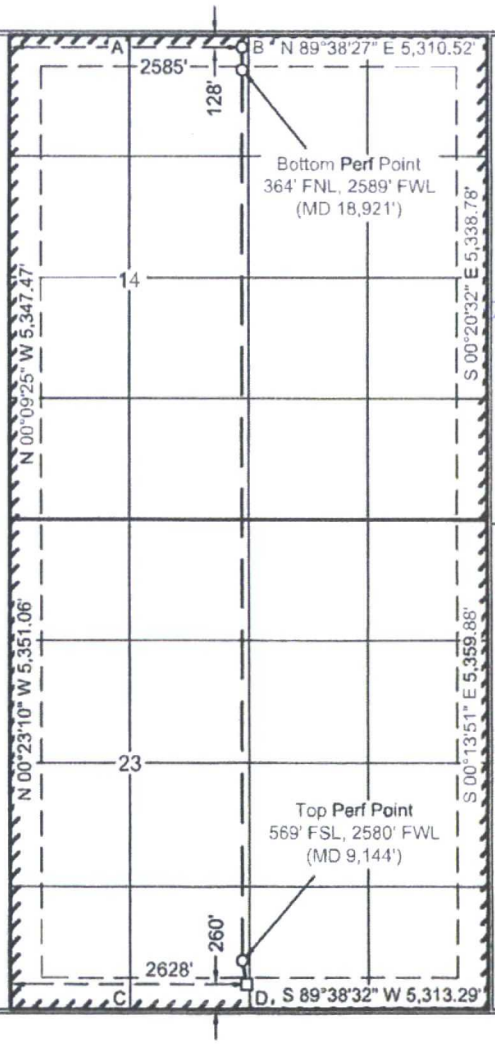
[16]

SD WE 23 FED P25 2H WELL		TOP PERF POINT	
X=	713,257 NAD 27	X=	713,206 NAD 27
Y=	372,222	Y=	372,531
LAT.	32.021486	LAT.	32.022336
LONG.	103.645244	LONG.	103.645399
X=	754,444 NAD83	X=	754,394 NAD83
Y=	372,279	Y=	372,588
LAT.	32.021611	LAT.	32.022461
LONG.	103.645712	LONG.	103.645868
ELEVATION +3122' NAVD 88			
BOTTOM PERF POINT		ACTUAL BOTTOM HOLE LOCATION	
X=	713,170 NAD 27	X=	713,165 NAD 27
Y=	382,296	Y=	382,532
LAT.	32.049179	LAT.	32.049828
LONG.	103.645316	LONG.	103.645327
X=	754,357 NAD83	X=	754,352 NAD83
Y=	382,353	Y=	382,589
LAT.	32.049304	LAT.	32.049953
LONG.	103.645786	LONG.	103.645798

SALADO DRAW FIELD RULES

CORNER COORDINATES TABLE (NAD 27)

A - Y=382652.25, X=711907.34
B - Y=382660.57, X=713234.95
C - Y=371953.82, X=711958.74
D - Y=371962.12, X=713287.04



[17] OPERATOR CERTIFICATION

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Denise Pinkerton 08/03/2017
Signature Date

Denise Pinkerton
Printed Name

Leakejd@chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

2-8-2016
Date of Survey

Signature and Seal of Professional Surveyor:
ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR
6-22-2017

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

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AUG 21 2017
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Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office

☑ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-025-43462	97838	JENNINGS; Upper BONE SPRING Shale

[4] Property Code	[5] Property Name	[6] Well Number
317068	SD WE 23 FED P25	3H

[7] OGRID No.	[8] Operator Name	[9] Elevation
4323	CHEVRON U.S.A. INC.	3123'

[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
N	23	26 SOUTH	32 EAST, N.M.P.M.		260'	SOUTH	2653'	WEST	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
B	14	26 SOUTH	32 EAST, N.M.P.M.		201'	NORTH	1850'	EAST	LEA

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
320			

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.

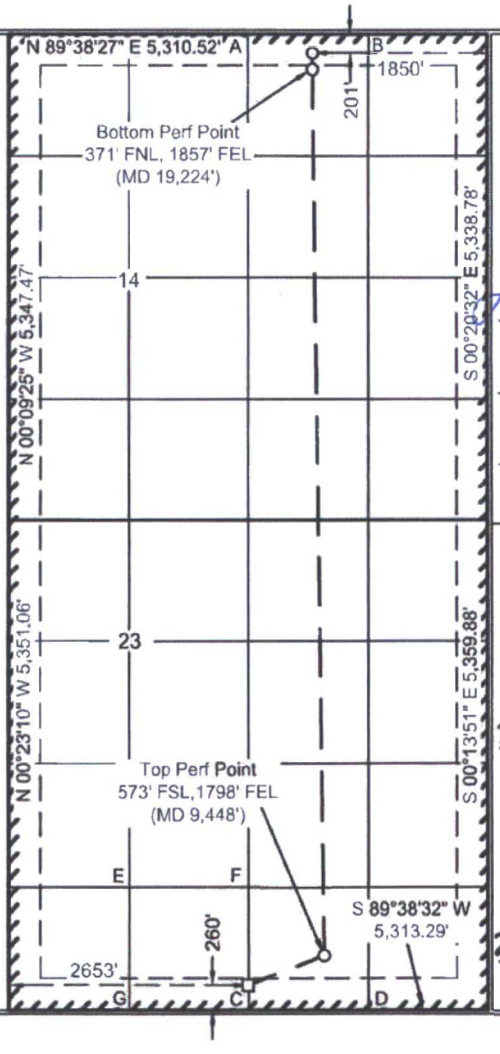
[16]

SD WE 23 FED P25 3H WELL		TOP PERF POINT	
X= 713,282	NAD 27	X= 714,144	NAD 27
Y= 372,222		Y= 372,541	
LAT. 32.021486		LAT. 32.022347	
LONG. 103.645163		LONG. 103.642376	
X= 754,469	NAD83	X= 755,331	NAD83
Y= 372,279		Y= 372,598	
LAT. 32.021611		LAT. 32.022472	
LONG. 103.645632		LONG. 103.642844	
ELEVATION +3123' NAVD 88			
BOTTOM PERF POINT		ACTUAL BOTTOM HOLE LOCATION	
X= 714,036	NAD 27	X= 714,042	NAD 27
Y= 382,295		Y= 382,465	
LAT. 32.049161		LAT. 32.049628	
LONG. 103.642522		LONG. 103.642500	
X= 755,223	NAD83	X= 755,229	NAD83
Y= 382,352		Y= 382,522	
LAT. 32.049286		LAT. 32.049753	
LONG. 103.642992		LONG. 103.642970	

SALADO DRAW FIELD RULES

CORNER COORDINATES TABLE (NAD 27)

A - Y=382660.57, X=713234.95
B - Y=382668.90, X=714562.55
C - Y=371962.12, X=713287.04
D - Y=371970.41, X=714615.34
E - Y=373292.11, X=711950.63
F - Y=373300.96, X=713279.83
G - Y=371953.82, X=711958.74



[17] OPERATOR CERTIFICATION

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Denise Pinkerton 08/03/2017
Signature Date

DENISE PINKERTON
Printed Name

Lakejd@Chevron.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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.

2-8-2016
Date of Survey

Signature and Seal of Professional Surveyor:

ROBERT L. LASTRAPES
NEW MEXICO
23006
PROFESSIONAL SURVEYOR

6-22-2017

23006
Certificate Number

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
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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

HOBBS OCD
DEC 05 2016
RECEIVED

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

HOBBS OCD
SEP 21 2015
RECEIVED

Form C-102
Revised August 1, 2011
Submit one copy to appropriate District Office
☐ AMENDED REPORT
"as drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-42802	97838	Jennings; Upper Bone Spring Shale

4 Property Code	5 Property Name	6 Well Number
315271	SD WE 23 FED P5	1H

7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3157'

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
M	14	26 SOUTH	32 EAST, N.M.P.M.		10'	SOUTH	648'	WEST	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
M	23	26 SOUTH	32 EAST, N.M.P.M.		280' 309'	SOUTH	330' 364'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			11/29/2016 Denise Pinkerton

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.

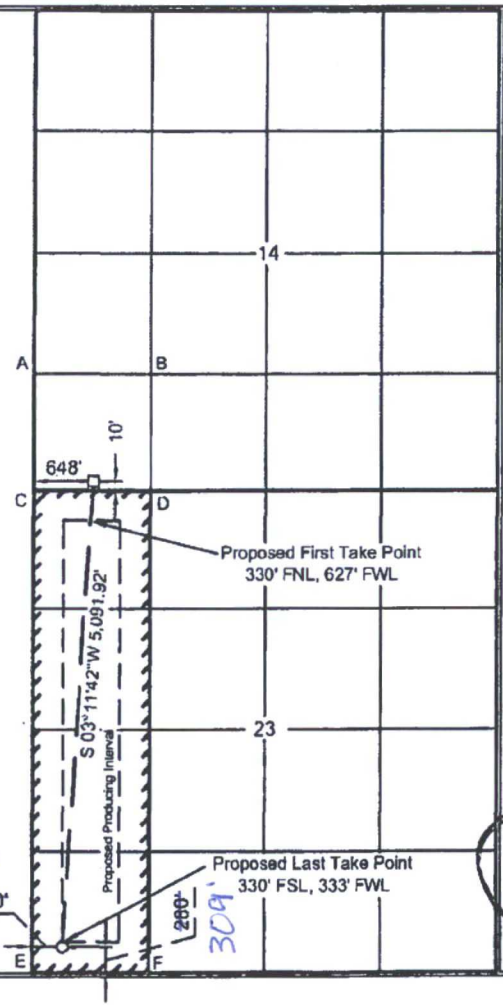
16

SD WE 23 FED P5 1H WELL		
X=	711,242	NAD 27
Y=	377,312	
LAT.	32.035512	
LONG.	103.651639	
X=	752,430	NAD83
Y=	377,369	
LAT.	32.035637	
LONG.	103.652109	
ELEVATION +3157' NAVD 88		

PROPOSED BOTTOM HOLE LOCATION		
X=	710,959	NAD 27
Y=	372,228	
LAT.	32.021541	
LONG.	103.652658	
X=	752,146	NAD83
Y=	372,285	
LAT.	32.021666	
LONG.	103.653127	

CORNER COORDINATES TABLE (NAD 27)

A - Y=378633.33, X=710590.73
B - Y=378643.30, X=711921.56
C - Y=377296.47, X=710594.39
D - Y=377306.99, X=711926.30
E - Y=371945.53, X=710630.44
F - Y=371953.82, X=711958.74



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Cindy Herrera-Murillo 4-27-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramorillo@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

10.29.14
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number 15078

SEP 23 2015

HOBBS OCD

SEP 21 2015

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District I
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HOBBS OCD

DEC 05 2016

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

Form C-102
Revised August 1, 2011
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☒ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-42803	97838	Jennings; Upper Bone Spring Shale

4 Property Code	5 Property Name	6 Well Number
315271	SD WE 23 FED P5	2H
7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3156'

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
M	14	26 SOUTH	32 EAST, N.M.P.M.		10'	SOUTH	698'	WEST	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
M	23	26 SOUTH	32 EAST, N.M.P.M.		~~280'~~ 293'	SOUTH	~~990'~~ 1066'	WEST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

11-29-2016 Denise Pinkerton

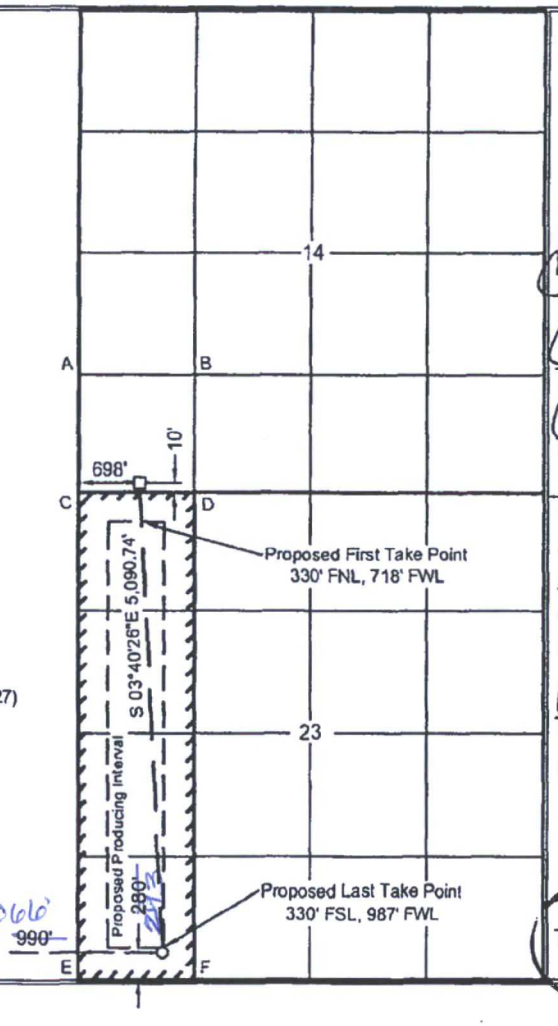
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SD WE 23 FED P5 2H WELL		
X=	711,292	NAD 27
Y=	377,312	
LAT.	32.035512	
LONG.	103.651478	
X=	752,480	NAD83
Y=	377,369	
LAT.	32.035637	
LONG.	103.651947	
ELEVATION +3156' NAVD 88		

PROPOSED BOTTOM HOLE LOCATION		
X=	711,619	NAD 27
Y=	372,232	
LAT.	32.021541	
LONG.	103.650529	
X=	752,806	NAD83
Y=	372,289	
LAT.	32.021666	
LONG.	103.650997	

CORNER COORDINATES TABLE (NAD 27)

A - Y=378633.33, X=710590.73
B - Y=378643.30, X=711921.56
C - Y=377296.47, X=710594.39
D - Y=377306.99, X=711926.30
E - Y=371945.53, X=710630.44
F - Y=371953.82, X=711958.74



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Cindy Herrera-Murillo 4-27-15
Signature Date

Cindy Herrera-Murillo
Printed Name

cherreramurillo@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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10.29.14
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

SEP 23 2015

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

HOBBS OCD
OCT 07 2016
RECEIVED

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

HOBBS OCD
FEB 29 2016
RECEIVED

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

☒ AMENDED REPORT
"As Drilled"

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30-025-42088	97838	Jennings; Upper BONE SPRING, Shale

4 Property Code	5 Property Name	6 Well Number
316011	SD WE 23 FED P7	3H
7 OGRID No.	8 Operator Name	9 Elevation
4323	CHEVRON U.S.A. INC.	3165'

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	14	26 SOUTH	32 EAST, N.M.P.M.		215'	SOUTH	673'	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
P	23	26 SOUTH	32 EAST, N.M.P.M.		180 / 109'	SOUTH	990' / 958'	EAST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

10/04/2016 Denise Pinkerton

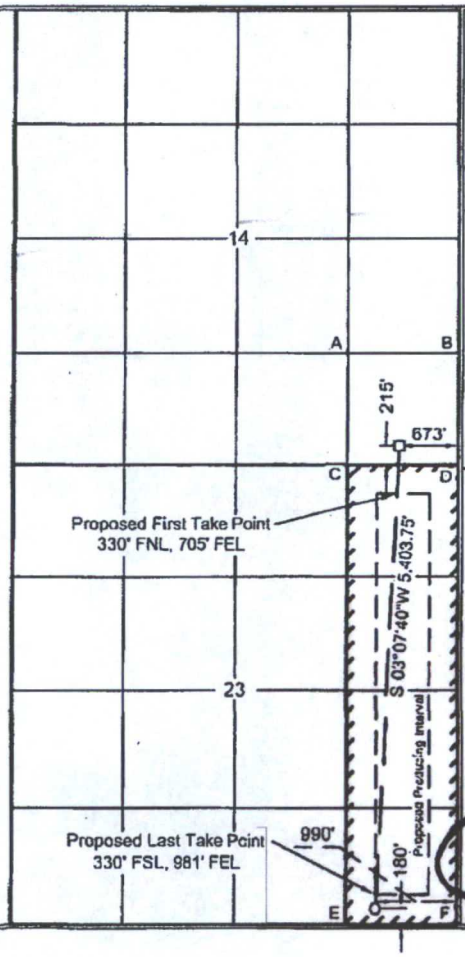
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SD WE 23 FED P7 3H WELL		
X=	715,248	NAD 27
Y=	377,548	
LAT.	32.036092	
LONG.	103.638709	
X=	756,435	NAD83
Y=	377,605	
LAT.	32.036217	
LONG.	103.639178	
ELEVATION +3165' NAVD 88		

PROPOSED BOTTOM HOLE LOCATION		
X=	714,953	NAD 27
Y=	372,153	
LAT.	32.021265	
LONG.	103.639772	
X=	756,140	NAD83
Y=	372,210	
LAT.	32.021390	
LONG.	103.640241	

CORNER COORDINATES TABLE (NAD 27)

A - Y=378663.24, X=714583.23
B - Y=378673.21, X=715914.07
C - Y=377328.02, X=714590.12
D - Y=377338.54, X=715922.04
E - Y=371970.41, X=714615.34
F - Y=371978.70, X=715943.63



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Cindy Herrera-Murillo 7-31-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramurillo@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

3.24.15
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
19078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, 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

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WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number	2 Pool Code	3 Pool Name
30025-43089	97838	Jennings; Upper BONE SPRING, Shale

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316011	SD WE 23 FED P7	4H
7 OGRID No.	**8 Operator Name**	**9 Elevation**
4323	CHEVRON U.S.A. INC.	3165'

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	14	26 SOUTH	32 EAST, N.M.P.M.		215'	SOUTH	623'	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
P	23	26 SOUTH	32 EAST, N.M.P.M.		180' 102'	SOUTH	330' 301'	EAST	LEA

12 Dedicated Acres	13 Joint or Infill	14 Consolidation Code	15 Order No.
160			

Denise Pinkerton 10/04/2016

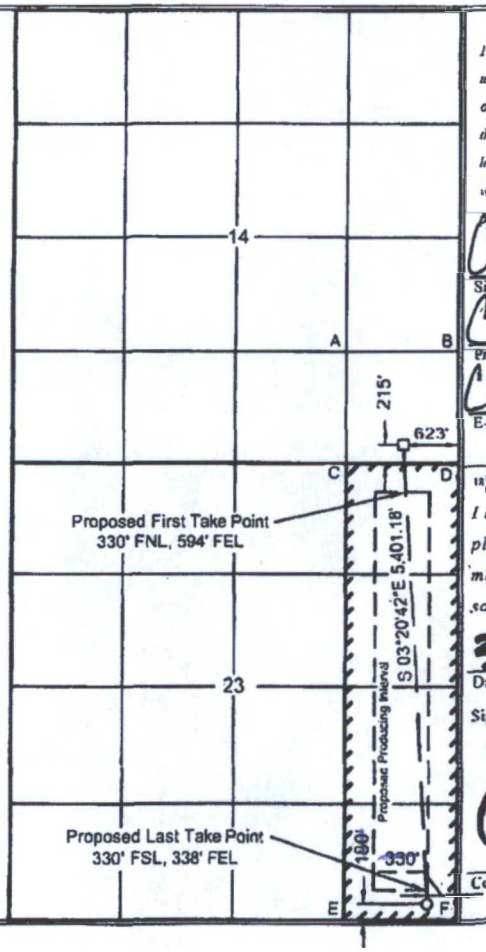
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

SD WE 23 FED P7 4H WELL	
X=	715,298 NAD 27
Y=	377,549
LAT.	32.036092
LONG.	103.638548
X=	756,485 NAD83
Y=	377,606
LAT.	32.036217
LONG.	103.639017
ELEVATION +3165' NAVD 88	

PROPOSED BOTTOM HOLE LOCATION	
X=	715,613 NAD 27
Y=	372,157
LAT.	32.021265
LONG.	103.637643
X=	756,800 NAD83
Y=	372,214
LAT.	32.021390
LONG.	103.638111

CORNER COORDINATES TABLE (NAD 27)

A - Y=378663.24, X=714583.23
B - Y=378673.21, X=715914.07
C - Y=377328.02, X=714590.12
D - Y=377338.54, X=715922.04
E - Y=371970.41, X=714615.34
F - Y=371978.70, X=715943.63



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Cindy Herrera-Murillo 7-31-15
Signature Date

Cindy Herrera-Murillo
Printed Name

Cherreramurillo@chevron.com
E-mail Address

18 SURVEYOR CERTIFICATION

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.

3.24.15
Date of Survey

Signature and Seal of Professional Surveyor:

WM. J. DANIEL III
NEW MEXICO
15078
REGISTERED PROFESSIONAL SURVEYOR

Certificate Number #15078

Revised March 23, 2017

RECEIVED:	REVIEWER:	TYPE:	APP NO:

ABOVE THIS TABLE FOR OCD DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
- Geological & 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

Applicant: CHEVRON USA INC **OGRID Number: 4323**
Well Name: SD WE 14 FEDERAL P5 #1H **API: 30-025-42800**
Pool: UPPER WOLFCAMP/BONE SPRING **Pool Code: 98065/97838**

SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED BELOW

1) **TYPE OF APPLICATION:** Check those which apply for [A]
A. Location – Spacing Unit – Simultaneous Dedication
☐ NSL ☐ NSP (PROJECT AREA) ☐ NSP (PRORATION UNIT) ☐ SD

B. Check one only for [I] or [II]
[I] Commingling – Storage – Measurement
☐ DHC ☐ CTB ☒ PLC ☐ PC ☐ OLS ☐ OLM
[II] Injection – Disposal – Pressure Increase – Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

FOR OCD ONLY
☐ Notice Complete
☐ Application Content Complete

2) **NOTIFICATION REQUIRED TO:** Check those which apply.
A. ☒ Offset operators or lease holders
B. ☒ Royalty, overriding royalty owners, revenue owners
C. ☐ Application requires published notice
D. ☒ Notification and/or concurrent approval by SLO
E. ☒ Notification and/or concurrent approval by BLM
F. ☐ Surface owner
G. ☒ For all of the above, proof of notification or publication is attached, and/or,
H. ☐ No notice required

3) **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.

06/14/2023
Date

Cindy Herrera-Murillo
Print or Type Name

575-263-0431
Phone Number

Cindy Herrera-Murillo
Signature

eeof@chevron.com
e-mail Address

From: McClure, Dean, EMNRD on behalf of Engineer, OCD, EMNRD
To: Van Curen, Jennifer; Herrera-Murillo, Cindy O; Adler, Carol; Harrison, John [Alltech Systems]
Cc: McClure, Dean, EMNRD; Kautz, Paul, EMNRD; Wrinkle, Justin, EMNRD; Powell, Brandon, EMNRD; Paradis, Kyle O; Walls, Christopher
Subject: Approved Administrative Order PC-1384-A
Date: Friday, September 22, 2023 9:22:29 AM
Attachments: PC1384A Order.pdf

NMOCD has issued Administrative Order PC-1384-A which authorizes Chevron USA, Inc. (4323) to surface commingle or off-lease measure, as applicable, the following wells:

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-42800	SD WE 14 Federal P5 #1H	W/2 W/2	14-26S-32E	97838
30-025-42801	SD WE 14 Federal P5 #2H	W/2 W/2	14-26S-32E	97838
30-025-42802	SD WE 23 Federal P5 #1H	W/2 W/2	23-26S-32E	97838
30-025-42803	SD WE 23 Federal P5 #2H	W/2 W/2	23-26S-32E	97838
30-025-43086	SD WE 14 Federal P7 #3H	E/2 E/2	14-26S-32E	97838
30-025-43087	SD WE 14 Federal P7 #4H	E/2 E/2	14-26S-32E	97838
30-025-43088	SD WE 23 Federal P7 #3H	E/2 E/2	23-26S-32E	97838
30-025-43089	SD WE 23 Federal P7 #4H	E/2 E/2	23-26S-32E	97838
30-025-43640	SD WE 15 Federal P9 #5H	W/2 E/2	15-26S-32E	97838
30-025-43641	SD WE 15 Federal P9 #6H	W/2 E/2	15-26S-32E	97838
30-025-43642	SD WE 15 Federal P9 #7H	W/2 E/2	15-26S-32E	97838
30-025-43613	SD WE 15 Federal P12 #1H	W/2 W/2	15-26S-32E	97838
30-025-43594	SD WE 15 Federal P12 #2H	W/2 W/2	15-26S-32E	97838
30-025-43595	SD WE 15 Federal P12 #3H	E/2 W/2	15-26S-32E	97838
30-025-40602	Kiehne Ranch 15 26 32 USA #1H	W/2 W/2	15-26S-32E	97838
30-025-45867	SD 14 23 Federal P18 #9H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45819	SD 14 23 Federal P18 #10H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45820	SD 14 23 Federal P18 #11H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45821	SD 14 23 Federal P18 #12H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45706	SD 14 23 Federal P19 #17H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45825	SD 14 23 Federal P19 #18H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45707	SD 14 23 Federal P19 #19H	E/2 E/2 E/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45826	SD 14 23 Federal P19 #20H	E/2 E/2 E/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-43460	SD WE 23 Federal P25 #5H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	97838
30-025-43461	SD WE 23 Federal P25 #6H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	97838
30-025-43462	SD WE 23 Federal P25 #7H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	97838
30-025-46726	SD 15 Federal P418 #8H	W/2 W/2	15-26S-32E	98065
30-025-46728	SD 15 Federal P418 #9H	E/2 W/2	15-26S-32E	98065
30-025-46729	SD 15 Federal P418 #10H	E/2 W/2	15-26S-32E	98065

30-025-46730	SD 15 Federal P419 #11H	W/2 E/2	15-26S-32E	98065
30-025-46731	SD 15 Federal P419 #12H	W/2 E/2	15-26S-32E	98065
30-025-46810	SD 15 Federal P419 #13H	E/2 E/2	15-26S-32E	98065
30-025-46732	SD 15 Federal P419 #14H	E/2 E/2	15-26S-32E	98065
30-025-49785	SD 14 23 Federal P343 #421H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49786	SD 14 23 Federal P343 #422H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49787	SD 14 23 Federal P343 #423H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49788	SD 14 23 Federal P344 #424H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49789	SD 14 23 Federal P344 #425H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49790	SD 14 23 Federal P344 #426H	E/2 E/2	14-26S-32E 23-26S-32E	97903

The administrative order is attached to this email and can also be found online at OCD Imaging.

Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

District I
1625 N. French Drive, Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 S. St Francis Drive
Santa Fe, New Mexico 87505

Form C-107-B
Revised August 1, 2011

Submit the original application to the Santa Fe office with one copy to the appropriate District Office.

APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Chevron USA Inc
OPERATOR ADDRESS: 6301 Deauville Blvd Midland, TX 79706
APPLICATION TYPE:

☒ Pool Commingling ☐ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☐ Fee ☐ State ☒ Federal

Is this an Amendment to existing Order? ☒ Yes ☐ No If "Yes", please include the appropriate Order No. PC-1384
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling
☒ Yes ☐ No BLM only. No State minerals.

(A) POOL COMMINGLING
Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Upper Wolfcamp (98065)	48.6 API/2200 BTU	COMMINGLED GRAVITY/ BTU CONTENT 47 API/ 2200 BTU		N/A	
Jennings Upper Bone Spring (97838)	45.6 API/2200 BTU				

(2) Are any wells producing at top allowables? ☐ Yes ☒ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.
(4) Measurement type: ☐ Metering ☒ Other (Specify) Well tests
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

(B) LEASE COMMINGLING
Please attach sheets with the following information

(1) Pool Name and Code.
(2) Is all production from same source of supply? ☐ Yes ☐ No
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No
(4) Measurement type: ☐ Metering ☐ Other (Specify)

(C) POOL and LEASE COMMINGLING
Please attach sheets with the following information

(1) Complete Sections A and E.

(D) OFF-LEASE STORAGE and MEASUREMENT
Please attached sheets with the following information

(1) Is all production from same source of supply? ☐ Yes ☐ No
(2) Include proof of notice to all interest owners.

(E) ADDITIONAL INFORMATION (for all application types)
Please attach sheets with the following information

(1) A schematic diagram of facility, including legal location.
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Cindy Herrera-Murillo TITLE: Sr HSE Regulatory affairs Coordinator DATE: 06/14/2023

TYPE OR PRINT NAME Cindy Herrera-Murillo TELEPHONE NO.: 575-263-0431

E-MAIL ADDRESS: eeof@chevron.com

Chevron North America
Exploration and Production Company
(A Chevron U.S.A. Inc. Division)
6301 Deauville Blvd
Midland, TX 79706

September 1, 2023

Exhibit K – Interest Owner Name & Address/ Proof of Notification / Publication

Interest Owner Names & Addresses:

SD Kiehne Ranch Pad – W/2 W/2 Section 15 (Pool Code: 97838)
Well Name: Kiehne Ranch 15 26 32 USA #001H

SD Pad 5 – W/2 W/2 Section 14 (Pool Code: 97838); W/2 W/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P5 001H & 002H; SD WE 23 Federal P5 001H & 002H

SD Pad 7 – E/2 E/2 Section 14 (Pool Code: 97838); E/2 E/2 Section 23 (Pool Code: 97838)
Well Names: SD WE 14 Federal P7 003H & 004H; SD WE 23 Federal P7 003H & 004H

SD Pad 9 – W/2 E/2 Section 15 (Pool Code: 97838); E/2 E/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P9 005H, 006H, 007H

SD Pad 12 – W/2 W/2 Section 15 (Pool Code: 97838); E/2 W/2 Section 15 (Pool Code: 97838)
Well Names: SD WE 15 Federal P12 001H, 002H, 003H

SD Pad 18 – W/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P18 009H, 0010H, 0011H, 0012H

SD Pad 19 – E/2 Section 14 & 23 (Pool Code: 98065)
Well Names: SD 14 23 Federal P19 0017H, 0018H 0019H, 0020H

SD Pad 25 – E/2 W/2 Section 14 & 23 (Pool Code: 97838) W/2 E/2 Section 14 & 23 (Pool Code: 97838)
Well Names: SD WE 23 Federal P25 005H, 006H, 007H

SD Pad 418 – W/2 W/2 Section 15 (Pool Code: 98065); E/2 W/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 Federal P418 008H, 009H, 010H

SD Pad 419 – W/2 E/2 Section 15 (Pool Code: 98065); E/2 E/2 Section 15 (Pool Code: 98065)
Well Names: SD 15 FEDERAL P419 011H, 012H, 013H, 014H

SD Pad 343 – W/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 421H, 422H, 423H

SD Pad 344 – E/2 Section 14 & 23 (Pool Code: 97903)
Well Names: SD 14 23 FEDERAL P343 424H, 425H, 426H

Interest	Name	Address	City	State	Zip Code
WI	CHEVRON USA INC	PO BOX 4791	HOUSTON	TX	77210-4791
RI	BUREAU OF LAND MANAGEMENT/ONRR	PO BOX 25627	DENVER	CO	80225-0627
	BUREAU OF LAND MANAGEMENT/ONRR	301 DINOSAUR TR	SANTA FE	NM	87508

APPLICATION FOR COMMINGLING AT A COMMON CENTRAL TANK BATTERY Chevron U.S.A. Inc.

Salado Draw CTB #23 and Satellite #14 and 15

Certified Mailing Numbers:

Name	Certified Mail Number
Chevron U.S.A. Inc.	N/A
Bureau of Land Management	7020 1290 0001 5982 3360
Office of Natural Resource Revenue	7020 1290 0001 5982 3384

Landman Statement:

All of the wells covered by this commingle application are located on a single Federal lease, being NMNM 118722, and the ownership interest are identical in those wells. In the subject wells, Chevron holds a 100% working interest, the United States of America has a 12.5% royalty interest , and there are no overriding royalty interest owners.

Katelyn Halley
Land Representative

From: Harrison, John [Alltech Systems]
To: McClure, Dean, EMNRD
Subject: RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A
Date: Monday, September 11, 2023 8:33:56 PM
Attachments: image001.png

Mr. McClure,

The correct BTU for pool 97903 is 1269 BTU/cuft

John

From: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Sent: Monday, September 11, 2023 5:04 PM
To: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Subject: [**EXTERNAL**] RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

John,

Please respond to this email with the corrected BTU to make it easier to upload the correspondence for this application as a single email chain.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Sent: Monday, September 11, 2023 3:37 PM
To: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

Sure enough, I missed those 6.

97903 – 48.4 API / 269 BTU per cuft

John

From: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Sent: Monday, September 11, 2023 3:28 PM
To: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Subject: [**EXTERNAL**] RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

30-025-49785	SD 14 23 Federal P343 #421H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49786	SD 14 23 Federal P343 #422H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49787	SD 14 23 Federal P343 #423H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49788	SD 14 23 Federal P344 #424H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49789	SD 14 23 Federal P344 #425H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49790	SD 14 23 Federal P344 #426H	E/2 E/2	14-26S-32E 23-26S-32E	97903

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

From: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Sent: Monday, September 11, 2023 2:54 PM
To: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Subject: RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

97903?

I thought the comingled pools were both on the revised 107 I sent earlier…

Upper Wolfcamp (98065) – 48.6 API / 2200 BTU

Jennings Upper BS (97838) – 45.6 API / 2200 BTU

Commingled 0 47 API / 2200 BTU.

I may have missed the 97903… running it down for you also…

John

From: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Sent: Monday, September 11, 2023 2:10 PM
To: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Subject: [**EXTERNAL**] RE: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

Thank you Sir. I think the only other thing I am needing is the estimated or known gravity and BTU for the production from pool 97903.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

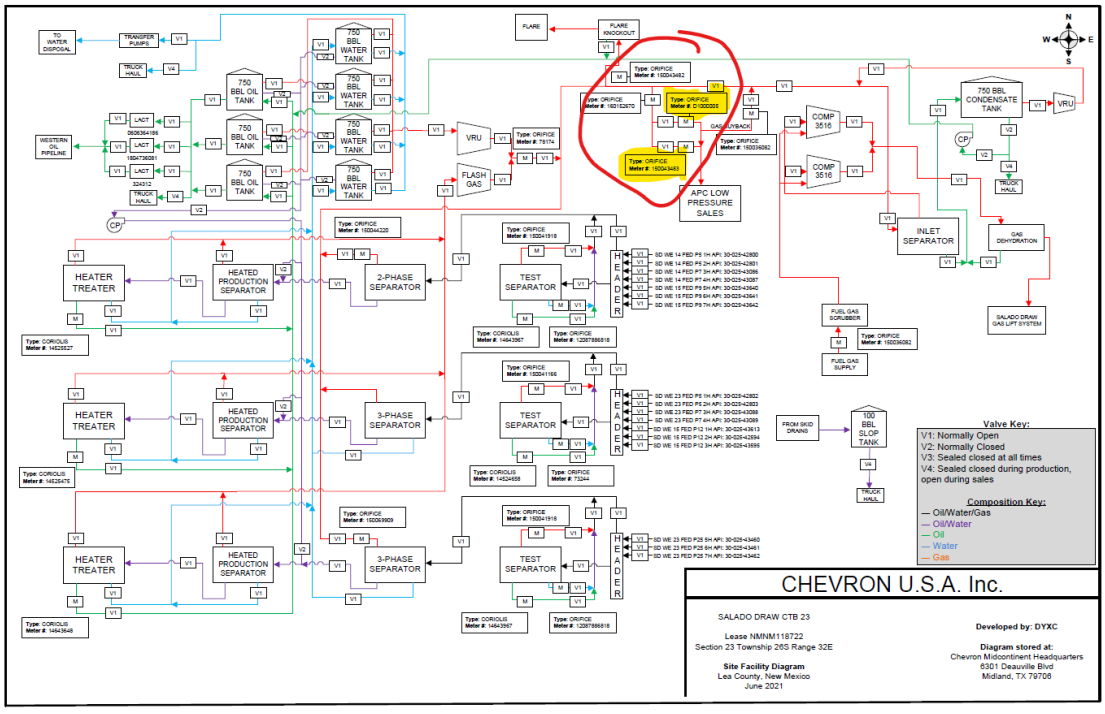
From: Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Sent: Monday, September 11, 2023 1:04 PM
To: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Subject: [EXTERNAL] RE: Action ID: 227587; PC-1384-A

Mr. McClure,

Please find attached and included below answers to your additional information request and other associated documents. If you need additional information please advise and I will seek to resolve your request quickly.

Please provide additional information regarding the following:

- Where is the gas sales meter located at for this commingling project? The gas sales meter is located at the CTB 23 facility. Exhibit C – Section 23 CTB narrative describes the location of the sales meter in the paragraph titled "Gas Processing & Metering" and further illustrated in Exhibit E – Section 23 CTB & CS Site Security Diagram (see snipit below).



- The following 7 wells which were approved under PC-1384 are not included within this proposed commingling project. Was that done purposefully? The following 7 wells were permitted, but never drilled by Chevron. The wells were omitted from the proposed commingle project because we have no future plans to drill these wells.

30-025-43596	SD WE 15 Federal P12 #4H	E/2 W/2	15-26S-32E	97838
30-025-45822	SD 14 23 Federal P18 #13H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065

30-025-45823	SD 14 23 Federal P18 #14H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45705	SD 14 23 Federal P19 #15H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45824	SD 14 23 Federal P19 #16H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-43463	SD WE 23 Federal P25 #4H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	97838
30-025-46725	SD 15 Federal P418 #7H	W/2 W/2	15-26S-32E	98065

Regards,

John Harrison

From: McClure, Dean, EMNRD <Dean.McClure@emnrd.nm.gov>
Sent: Friday, September 8, 2023 5:31 PM
To: Herrera-Murillo, Cindy <CHerreraMurillo@chevron.com>; Adler, Carol <caroladler@chevron.com>; Harrison, John [Alltech Systems] <JohnHarrison@chevron.com>
Cc: Van Curen, Jennifer <jennifer.vancuren@chevron.com>
Subject: [**EXTERNAL**] Action ID: 227587; PC-1384-A

To whom it may concern (c/o Cindy Herrera-Murillo for Chevron USA, Inc.),

The Division is reviewing the following application:

Action ID	227587
Admin No.	PC-1384-A
Applicant	Chevron USA, Inc. (4323)
Title	Salado Draw CTB 23
Sub. Date	8/24/2023

Please provide the following additional supplemental documents:

- An amended form C-107B with the following corrections
  - Pool 97903 should be added including the estimated gravity and btu of the production derived from it.
  - The measurement type should be corrected to indicate that the measurement type is done via well test rather than by metering. Check the box next to "other" and then specify after it.
  - Check the box indicating that this is an amendment to an existing order and indicate that it is an amendment to PC-1384.

Please provide additional information regarding the following:

- Where is the gas sales meter located at for this commingling project?
- The following 7 wells which were approved under PC-1384 are not included within this proposed commingling project. Was that done purposefully?

30-025-43596	SD WE 15 Federal P12 #4H	E/2 W/2	15-26S-32E	97838
30-025-45822	SD 14 23 Federal P18 #13H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45823	SD 14 23 Federal P18 #14H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45705	SD 14 23 Federal P19 #15H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45824	SD 14 23 Federal P19 #16H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-43463	SD WE 23 Federal P25 #4H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	97838
30-025-46725	SD 15 Federal P418 #7H	W/2 W/2	15-26S-32E	98065

-

Additional notes:

-

All additional supplemental documents and information may be provided via email and should be done by replying to this email. The produced email chain will be uploaded to the file for this application.

Please note that failure to take steps to address each of the requests made in this email within 10 business days of receipt of this email may result in the Division rejecting the application requiring the submittal of a new application by the applicant once it is prepared to address each of the topics raised.

Dean McClure
Petroleum Engineer, Oil Conservation Division
New Mexico Energy, Minerals and Natural Resources Department
(505) 469-8211

STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION FOR SURFACE COMMINGLING
SUBMITTED BY CHEVRON USA, INC. **ORDER NO. PC-1384-A**

ORDER

The Director of the New Mexico Oil Conservation Division ("OCD"), having considered the application and the recommendation of the OCD Engineering Bureau, issues the following Order.

FINDINGS OF FACT

1. Chevron USA, Inc. ("Applicant") submitted a complete application to surface commingle the oil and gas production from the pools, leases, and wells identified in Exhibit A ("Application").
2. Applicant proposed a method to allocate the oil and gas production to the pools, leases, and wells to be commingled.
3. To the extent that ownership is identical, Applicant submitted a certification by a licensed attorney or qualified petroleum landman that the ownership in the pools, leases, and wells to be commingled is identical as defined in 19.15.12.7.B. NMAC.
4. Applicant provided notice of the Application to the Bureau of Land Management ("BLM") or New Mexico State Land Office ("NMSLO"), as applicable.
5. Applicant certified the commingling of oil and gas production from the pools, leases, and wells will not in reasonable probability reduce the value of the oil and gas production to less than if it had remained segregated.
6. Applicant in the notice for the Application stated that it sought authorization to prospectively include additional pools, leases, and wells in accordance with 19.15.12.10.C.(4)(g) NMAC.
7. Applicant stated that it sought authorization to surface commingle and off-lease measure, as applicable, oil and gas production from wells which have not yet been approved to be drilled, but will produce from a pool and lease identified in Exhibit A.

CONCLUSIONS OF LAW

8. OCD has jurisdiction to issue this Order pursuant to the Oil and Gas Act, NMSA 1978, §§ 70-2-6, 70-2-11, 70-2-12, 70-2-16, and 70-2-17, 19.15.12. NMAC, and 19.15.23. NMAC.
9. Applicant satisfied the notice requirements for the Application in accordance with 19.15.12.10.A.(2) NMAC, 19.15.12.10.C.(4)(c) NMAC, and 19.15.12.10.C.(4)(e) NMAC, as applicable.

10. Applicant satisfied the notice requirements for the Application in accordance with 19.15.23.9.A.(5) NMAC and 19.15.23.9.A.(6) NMAC, as applicable.

11. Applicant's proposed method of allocation, as modified herein, complies with 19.15.12.10.B.(1) NMAC or 19.15.12.10.C.(1) NMAC, as applicable.

12. Commingling of oil and gas production from state, federal, or tribal leases shall not commence until approved by the BLM or NMSLO, as applicable, in accordance with 19.15.12.10.B.(3) NMAC and 19.15.12.10.C.(4)(h) NMAC.

13. Applicant satisfied the notice requirements for the subsequent addition of pools, leases, and wells in the notice for the Application, in accordance with 19.15.12.10.C.(4)(g) NMAC. Subsequent additions of pools, leases, and wells within Applicant's defined parameters, as modified herein, will not, in reasonable probability, reduce the commingled production's value or otherwise adversely affect the interest owners in the production to be added.

14. By granting the Application with the conditions specified below, this Order prevents waste and protects correlative rights, public health, and the environment.

ORDER

1. Applicant is authorized to surface commingle oil and gas production from the pools, leases, and wells identified in Exhibit A.

   Applicant is authorized to surface commingle oil and gas production from wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A.

2. This Order supersedes Order PC-1384.

3. The allocation of oil and gas production to wells not included in Exhibit A but that produce from a pool and lease identified in Exhibit A shall be determined in the same manner as to wells identified in Exhibit A that produce from that pool and lease, provided that if more than one allocation method is being used or if there are no wells identified in Exhibit A that produce from the pool and lease, then allocation of oil and gas production to each well not included in Exhibit A shall be determined by OCD prior to commingling production from it with the production from another well.

4. The allocation of oil and gas production shall be based on the production life of each well as measured for three periods: (a) the initial production period shall be measured from the first production until the earlier of either the peak production rate or thirty (30) days after the first production; (b) the plateau period shall be measured from the end of the initial production period to the peak decline rate; and (c) the decline period shall be measured from the end of the plateau period until the well is plugged and abandoned.

   During the initial production period, the oil and gas production for each well identified in Exhibit A shall be allocated using a production curve calculated from a minimum of ten (10) well tests per month, except that any day in which a well test cannot achieve an accurate result due to a temporary change in oil and gas production shall not be included in the

computation of time determining the well test schedule. The production curve shall be calculated by interpolating daily production for each day using the known daily production obtained by well tests and shall use a method of interpolation that is at minimum as accurate as maintaining a constant rate of change for each day's production between the known daily production values.

During the plateau period, the oil and gas production for each well identified in Exhibit A shall be allocated using a minimum of three (3) well tests per month.

During the decline period, the oil and gas production for each well identified in Exhibit A shall be allocated as follows: (a) a minimum of three (3) well tests per month when the decline rate is greater than twenty-two percent (22%) per month; (b) a minimum of two (2) well tests per month when the decline rate is between twenty-two percent (22%) and ten percent (10%) per month; and (c) a minimum of one (1) well test per month when the decline rate is less than ten percent (10%) per month.

Upon OCD's request, Applicant shall submit a Form C-103 to the OCD Engineering Bureau that contains the decline rate curve and other relevant information demonstrating the production life of a well.

Applicant shall conduct a well test by separating and metering the oil and gas production from that well for either (a) a minimum of twenty-four (24) consecutive hours; or (b) a combination of nonconsecutive periods that meet the following conditions: (i) each period shall be a minimum of six (6) hours; and (ii) the total duration of the nonconsecutive periods shall be a minimum of eighteen (18) hours.

The well test requirements of this Order shall be suspended for any well shut-in for a period that continues for more than fifteen (15) days until the well commences production.

5. Applicant shall measure and market the commingled oil at a central tank battery described in Exhibit A in accordance with this Order and 19.15.18.15. NMAC or 19.15.23.8. NMAC.

6. Applicant shall measure and market the commingled gas at a well pad, central delivery point, central tank battery, or gas title transfer meter described in Exhibit A in accordance with this Order and 19.15.19.9. NMAC, provided however that if the gas is vented or flared, and regardless of the reason or authorization pursuant to 19.15.28.8.B. NMAC for such venting or flaring, Applicant shall measure or estimate the gas in accordance with 19.15.28.8.E. NMAC.

7. Applicant shall calibrate the meters used to measure or allocate oil and gas production in accordance with 19.15.12.10.C.(2) NMAC.

8. If the commingling of oil and gas production from any pool, lease, or well reduces the value of the commingled oil and gas production to less than if it had remained segregated, no later than sixty (60) days after the decrease in value has occurred Applicant shall submit a new surface commingling application to OCD to amend this Order to remove the pool, lease, or well whose oil and gas production caused the decrease in value. If Applicant fails to submit

a new application, this Order shall terminate on the following day, and if OCD denies the application, this Order shall terminate on the date of such action.

9. Applicant may submit an application to amend this Order to add pools, leases, and subsequently drilled wells with spacing units adjacent to or within the tracts commingled by this Order by submitting a Form C-107-B in accordance with 19.15.12.10.C.(4)(g) NMAC, provided the pools, leases, and subsequently drilled wells are within the identified parameters included in the Application.
10. If a well is not included in Exhibit A but produces from a pool and lease identified in Exhibit A, then Applicant shall submit Forms C-102 and C-103 to the OCD Engineering Bureau after the well has been approved to be drilled and prior to off-lease measuring or commingling oil or gas production from it with the production from another well. The Form C-103 shall reference this Order and identify the well, proposed method to determine the allocation of oil and gas production to it, and the location(s) that commingling of its production will occur.
11. Applicant shall not commence commingling oil or gas production from state, federal, or tribal leases until approved by the BLM or NMSLO, as applicable.
12. If OCD determines that Applicant has failed to comply with any provision of this Order, OCD may take any action authorized by the Oil and Gas Act or the New Mexico Administrative Code (NMAC).
13. OCD retains jurisdiction of this matter and reserves the right to modify or revoke this Order as it deems necessary.

STATE OF NEW MEXICO
OIL CONSERVATION DIVISION

DATE: 9/21/2023

DYLAN M. FUGE
DIRECTOR

State of New Mexico
Energy, Minerals and Natural Resources Department

Exhibit A

Order: PC-1384-A
Operator: Chevron USA, Inc. (4323)
Central Tank Battery: Salado Draw Section 23 Central Tank Battery
Central Tank Battery Location: UL N, Section 23, Township 26 South, Range 32 East
Central Tank Battery: Salado Draw Section 14 Satellite
Central Tank Battery Location: UL C, Section 14, Township 26 South, Range 32 East
Central Tank Battery: Salado Draw Section 15 Satellite
Central Tank Battery Location: UL J, Section 15, Township 26 South, Range 32 East
Central Tank Battery: Salado Draw Section 23 Compressor Station
Central Tank Battery Location: UL N, Section 23, Township 26 South, Range 32 East
Gas Title Transfer Meter Location: UL N, Section 23, Township 26 South, Range 32 East

Pools

Pool Name	Pool Code
JENNINGS; UPPER BONE SPRING SHALE	97838
WC-025 G-08 S253235G; LWR BONE SPRIN	97903
WC-025 G-08 S263205N; UPPER WOLFCAMP	98065

Leases as defined in 19.15.12.7(C) NMAC

Lease	UL or Q/Q	S-T-R
NMNM 105384720 (118722)	All	14-26S-32E
	All	15-26S-32E
	All	23-26S-32E

Wells

Well API	Well Name	UL or Q/Q	S-T-R	Pool
30-025-42800	SD WE 14 Federal P5 #1H	W/2 W/2	14-26S-32E	97838
30-025-42801	SD WE 14 Federal P5 #2H	W/2 W/2	14-26S-32E	97838
30-025-42802	SD WE 23 Federal P5 #1H	W/2 W/2	23-26S-32E	97838
30-025-42803	SD WE 23 Federal P5 #2H	W/2 W/2	23-26S-32E	97838
30-025-43086	SD WE 14 Federal P7 #3H	E/2 E/2	14-26S-32E	97838
30-025-43087	SD WE 14 Federal P7 #4H	E/2 E/2	14-26S-32E	97838
30-025-43088	SD WE 23 Federal P7 #3H	E/2 E/2	23-26S-32E	97838
30-025-43089	SD WE 23 Federal P7 #4H	E/2 E/2	23-26S-32E	97838
30-025-43640	SD WE 15 Federal P9 #5H	W/2 E/2	15-26S-32E	97838
30-025-43641	SD WE 15 Federal P9 #6H	W/2 E/2	15-26S-32E	97838
30-025-43642	SD WE 15 Federal P9 #7H	W/2 E/2	15-26S-32E	97838
30-025-43613	SD WE 15 Federal P12 #1H	W/2 W/2	15-26S-32E	97838
30-025-43594	SD WE 15 Federal P12 #2H	W/2 W/2	15-26S-32E	97838
30-025-43595	SD WE 15 Federal P12 #3H	E/2 W/2	15-26S-32E	97838
30-025-40602	Kiehne Ranch 15 26 32 USA #1H	W/2 W/2	15-26S-32E	97838
30-025-45867	SD 14 23 Federal P18 #9H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065

30-025-45819	SD 14 23 Federal P18 #10H	W/2 W/2 W/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45820	SD 14 23 Federal P18 #11H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45821	SD 14 23 Federal P18 #12H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	98065
30-025-45706	SD 14 23 Federal P19 #17H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45825	SD 14 23 Federal P19 #18H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45707	SD 14 23 Federal P19 #19H	E/2 E/2 E/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-45826	SD 14 23 Federal P19 #20H	E/2 E/2 E/2 E/2	14-26S-32E 23-26S-32E	98065
30-025-43460	SD WE 23 Federal P25 #5H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	97838
30-025-43461	SD WE 23 Federal P25 #6H	E/2 W/2 E/2 W/2	14-26S-32E 23-26S-32E	97838
30-025-43462	SD WE 23 Federal P25 #7H	W/2 E/2 W/2 E/2	14-26S-32E 23-26S-32E	97838
30-025-46726	SD 15 Federal P418 #8H	W/2 W/2	15-26S-32E	98065
30-025-46728	SD 15 Federal P418 #9H	E/2 W/2	15-26S-32E	98065
30-025-46729	SD 15 Federal P418 #10H	E/2 W/2	15-26S-32E	98065
30-025-46730	SD 15 Federal P419 #11H	W/2 E/2	15-26S-32E	98065
30-025-46731	SD 15 Federal P419 #12H	W/2 E/2	15-26S-32E	98065
30-025-46810	SD 15 Federal P419 #13H	E/2 E/2	15-26S-32E	98065
30-025-46732	SD 15 Federal P419 #14H	E/2 E/2	15-26S-32E	98065
30-025-49785	SD 14 23 Federal P343 #421H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49786	SD 14 23 Federal P343 #422H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49787	SD 14 23 Federal P343 #423H	W/2 W/2	14-26S-32E 23-26S-32E	97903
30-025-49788	SD 14 23 Federal P344 #424H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49789	SD 14 23 Federal P344 #425H	E/2 E/2	14-26S-32E 23-26S-32E	97903
30-025-49790	SD 14 23 Federal P344 #426H	E/2 E/2	14-26S-32E 23-26S-32E	97903

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 227587

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 227587
	Action Type: [C-107] Surface Commingle or Off-Lease (C-107B)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	Please review the content of the order to ensure you are familiar with the authorities granted and any conditions of approval. If you have any questions regarding this matter, please contact me.	9/22/2023