

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM27506

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator
CHEVRON USA INCORPORATEDContact: LAURA BECERRA
E-Mail: LBECERRA@CHEVRON.COM3a. Address
6301 DEAUVILLE BLVD
MIDLAND, TX 797063b. Phone No. (include area code)
Ph: 432-687-76558. Well Name and No.
SD EA 29 32 FED COM P10 17H9. API Well No.
30-025-44485-00-X110. Field and Pool or Exploratory Area
WC025G09S263327G UP WOLFCAMP

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T26S R33E NWNW 120FNL 2605FWL
32.021431 N Lat, 103.594398 W Lon

11. County or Parish, State

LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	Change to Original A
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	PD

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

Chevron respectfully requests to change the BHL of this well to the new 100' North-South Lease line rule as agreed upon by the State of New Mexico OCD and BLM.

The updated C-102 and drilling plan with revised TVD and MD are attached.

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #447419 verified by the BLM Well Information System

For CHEVRON USA INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by PRISCILLA PEREZ on 12/13/2018 (19PP0608SE)

Name (Printed/Typed) LAURA BECERRA

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 12/12/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By ZQIA STEVENS

Title PETROLEUM ENGINEER

Date 03/05/2019

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Hobbs

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

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 30-025-44485		² Pool Code 98097		³ Pool Name SANDERS TANK; UPPER WOLFCAMP	
⁴ Property Code 320787		⁵ Property Name SD EA 29 32 FED COM P10			⁶ Well Number 17H
⁷ OGRID No. 4323		⁸ Operator Name CHEVRON U.S.A. INC.			⁹ Elevation 3236'

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	29	26 SOUTH	33 EAST, N.M.P.M.		120'	NORTH	2605'	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
F	32	26 SOUTH	33 EAST, N.M.P.M.		25'	SOUTH	2010'	WEST	LEA

¹² Dedicated Acres 237.37	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

16 SD EA 29 32 FED COM P10 NO. 17H WELL X= 729,159 Y= 372,262 LAT. 32.021307 N LONG. 103.593935 W NAD 27 X= 770,347 Y= 372,319 LAT. 32.021432 N LONG. 103.594402 W NAD83/2011 ELEVATION +3236' NAVD 88 PROPOSED FIRST TAKE POINT X= 728,564 Y= 372,278 LAT. 32.021362 N LONG. 103.595855 W NAD 27 X= 769,752 Y= 372,335 LAT. 32.021487 N LONG. 103.596322 W NAD83/2011 PROPOSED LAST TAKE POINT X= 728,626 Y= 364,730 LAT. 32.000612 N LONG. 103.595822 W NAD 27 X= 769,814 Y= 364,786 LAT. 32.000737 N LONG. 103.596287 W NAD83/2011 PROPOSED BOTTOM HOLE LOCATION X= 728,627 Y= 364,575 LAT. 32.000185 N LONG. 103.595821 W NAD 27 X= 769,815 Y= 364,631 LAT. 32.000311 N LONG. 103.596287 W NAD83/2011	A B 2605' 2683' 120' N 88°27'47" W 595.36' Proposed First Take Point 100' FNL, 2010' FWL/3278' FEL 29 S 00°28'08" E 7,703.52' Proposed Last Take Point 180' FSL, 2010' FWL/3274' FEL 32 2010' 25' 3273' D C CORNER COORDINATES TABLE (NAD 27) A - Y=372373.27, X=727875.49 B - Y=372382.09, X=729197.59 C - Y=364553.99, X=729259.12 D - Y=364544.81, X=727938.29
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Delaware Basin

Changes to APD/COA for Federal Well



Well Name:

SD EA 29 32 Fed Com P10	17H	30-025-44485
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Rig: Nabors 1206

CVX CONTACT:

Tony Bacon
MCBU D&C Engineer – Nabors 1206
Chevron North America Exploration and Production Co.
MidContinent Business Unit
Office: (713) 372-4025
Cell: (406) 989-0415
Email: tonybacon@chevron.com

Summary of Changes to APD Submission

Chevron respectfully requests to change the well plans of these two Salado Draw pads to the new 100' North-South Lease line rule as agreed upon by the State of New Mexico OCD and BLM. The updated C-102 Plats and drill plans are attached.



Chevron SD EA 29 32 Fed Com P10 17H Rev1 kFc 03Dec18 Proposal
Geodetic Report
 (Def Plan)

Report Date: December 03, 2018 - 11:52 PM
 Client: Chevron
 Field: NM Lea County (NAD 27)
 Structure / Slot: Chevron SD EA 29 32 Fed Com P10 Pad / 17H
 Well: SD EA 29 32 Fed Com P10 17H
 Borehole: SD EA 29 32 Fed Com P10 17H
 UWI / AP# : Unknown / Unknown
 Survey Name: Chevron SD EA 29 32 Fed Com P10 17H Rev1 kFc 03Dec18
 Survey Date: November 29, 2018
 Tert / AHD / DDI / ERD Ratio: 113.248' / 8363.331 ft / 6.181 / 0.675
 Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
 Location Lat / Long: N 32° 1' 16.70527", W 103° 35' 38.16990"
 Location Grid N/E Y/X: N 372262.000 RUS, E 729159.000 RUS
 CRS Grid Convergence Angle: 0.3921°
 Grid Scale Factor: 0.99998924
 Version / Patch: 2.10.753.0

Survey / DLS Computation: Minimum Curvature / Lubinski
 Vertical Section Azimuth: 179.530° (Grid North)
 Vertical Section Origin: 0.000 ft, 0.000 ft
 TVD Reference Datum: KB 32.5ft
 TVD Reference Elevation: 3268.500 ft above
 Seabed / Ground Elevation: 3236.000 ft above
 Magnetic Declination: 6.731°
 Total Gravity Field Strength: 998.4326mgn (9.80665 Based)
 Gravity Model: GARM
 Total Magnetic Field Strength: 47719.212 nT
 Magnetic Dip Angle: 59.654°
 Declination Date: November 29, 2018
 Magnetic Declination Model: HDGM 2018
 North Reference: Grid North
 Grid Convergence Used: 0.3921°
 Total Corr Mag North->Grid: 6.3386°
 North: Well Head
 Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (ft/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	
Surface	0.00	0.00	277.23	0.00	0.00	0.00	0.00	N/A	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	100.00	0.00	277.23	100.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	200.00	0.00	277.23	200.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	300.00	0.00	277.23	300.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	400.00	0.00	277.23	400.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	500.00	0.00	277.23	500.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	600.00	0.00	277.23	600.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	700.00	0.00	277.23	700.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	718.00	0.00	277.23	718.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	800.00	0.00	277.23	800.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
Surface Casing	872.00	0.00	277.23	872.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	900.00	0.00	277.23	900.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
Build 1"/100ft	972.00	0.00	277.23	972.00	0.00	0.00	0.00	0.00	372262.00	729159.00	N 32° 1' 16.71"	W 103° 35' 38.17"	
	1000.00	0.28	277.23	1000.00	-0.01	0.01	-0.07	1.00	372262.01	729158.93	N 32° 1' 16.71"	W 103° 35' 38.17"	
	1100.00	1.28	277.23	1099.99	-0.19	0.18	-1.42	1.00	372262.18	729157.58	N 32° 1' 16.71"	W 103° 35' 38.19"	
	1200.00	2.28	277.23	1199.94	-0.61	0.57	-4.50	1.00	372262.57	729154.50	N 32° 1' 16.71"	W 103° 35' 38.22"	
	1300.00	3.28	277.23	1299.82	-1.26	1.18	-9.31	1.00	372263.18	729149.69	N 32° 1' 16.72"	W 103° 35' 38.28"	
	1400.00	4.28	277.23	1399.60	-2.14	2.01	-15.85	1.00	372264.01	729143.15	N 32° 1' 16.73"	W 103° 35' 38.35"	
	1500.00	5.28	277.23	1499.25	-3.26	3.06	-24.12	1.00	372265.06	729134.88	N 32° 1' 16.74"	W 103° 35' 38.45"	
	1600.00	6.28	277.23	1598.74	-4.61	4.33	-34.11	1.00	372266.33	729124.89	N 32° 1' 16.75"	W 103° 35' 38.57"	
	1700.00	7.28	277.23	1698.04	-6.19	5.81	-45.62	1.00	372267.81	729113.18	N 32° 1' 16.77"	W 103° 35' 38.70"	
	1800.00	8.28	277.23	1797.12	-8.00	7.51	-59.25	1.00	372269.51	729099.75	N 32° 1' 16.78"	W 103° 35' 38.86"	
Hold	1900.00	9.28	277.23	1895.95	-10.04	9.43	-74.39	1.00	372271.43	729084.61	N 32° 1' 16.80"	W 103° 35' 39.03"	
	2000.00	10.28	277.23	1994.49	-12.32	11.57	-91.24	1.00	372273.57	729067.76	N 32° 1' 16.82"	W 103° 35' 39.23"	
	2100.00	11.28	277.23	2092.73	-14.82	13.92	-109.80	1.00	372275.92	729049.20	N 32° 1' 16.85"	W 103° 35' 39.44"	
	2172.07	12.00	277.23	2163.32	-16.77	15.75	-124.23	1.00	372277.75	729034.78	N 32° 1' 16.87"	W 103° 35' 39.61"	
	2200.00	12.00	277.23	2190.63	-17.55	16.48	-129.99	0.00	372278.48	729029.02	N 32° 1' 16.88"	W 103° 35' 39.88"	
	2300.00	12.00	277.23	2288.45	-20.33	19.10	-150.61	0.00	372281.10	729008.39	N 32° 1' 16.90"	W 103° 35' 39.92"	
	2400.00	12.00	277.23	2386.26	-23.12	21.72	-171.24	0.00	372283.71	728987.77	N 32° 1' 16.93"	W 103° 35' 40.16"	
	2500.00	12.00	277.23	2484.08	-25.90	24.33	-191.87	0.00	372286.33	728967.14	N 32° 1' 16.96"	W 103° 35' 40.40"	
	2600.00	12.00	277.23	2581.89	-28.69	26.95	-212.49	0.00	372288.95	728946.51	N 32° 1' 16.99"	W 103° 35' 40.64"	
	2700.00	12.00	277.23	2679.71	-31.47	29.56	-233.12	0.00	372291.56	728925.89	N 32° 1' 17.01"	W 103° 35' 40.88"	
Castille	2800.00	12.00	277.23	2777.52	-34.26	32.18	-253.75	0.00	372294.18	728905.26	N 32° 1' 17.04"	W 103° 35' 41.11"	
	2900.00	12.00	277.23	2875.34	-37.04	34.79	-274.38	0.00	372296.79	728884.63	N 32° 1' 17.07"	W 103° 35' 41.35"	
	3000.00	12.00	277.23	2973.15	-39.83	37.41	-295.00	0.00	372299.41	728864.01	N 32° 1' 17.10"	W 103° 35' 41.59"	
	3098.76	12.00	277.23	3059.97	-42.30	39.73	-313.31	0.00	372301.73	728845.70	N 32° 1' 17.12"	W 103° 35' 41.81"	
	3100.00	12.00	277.23	3070.96	-42.61	40.03	-315.63	0.00	372302.02	728843.38	N 32° 1' 17.12"	W 103° 35' 41.83"	
	3200.00	12.00	277.23	3168.78	-45.40	42.64	-336.26	0.00	372304.64	728822.75	N 32° 1' 17.15"	W 103° 35' 42.07"	
	3300.00	12.00	277.23	3266.59	-48.18	45.26	-356.89	0.00	372307.26	728802.13	N 32° 1' 17.18"	W 103° 35' 42.31"	
	3400.00	12.00	277.23	3364.41	-50.97	47.87	-377.51	0.00	372309.87	728781.50	N 32° 1' 17.20"	W 103° 35' 42.55"	
	3500.00	12.00	277.23	3462.22	-53.75	50.49	-398.14	0.00	372312.49	728760.87	N 32° 1' 17.23"	W 103° 35' 42.79"	
	3600.00	12.00	277.23	3560.04	-56.54	53.10	-418.77	0.00	372315.10	728740.25	N 32° 1' 17.26"	W 103° 35' 43.03"	
Drop 1"/100ft	3700.00	12.00	277.23	3657.85	-59.32	55.72	-439.39	0.00	372317.72	728719.62	N 32° 1' 17.29"	W 103° 35' 43.27"	
	3800.00	12.00	277.23	3755.67	-62.11	58.34	-460.02	0.00	372320.33	728698.99	N 32° 1' 17.31"	W 103° 35' 43.51"	
	3854.70	12.00	277.23	3809.17	-63.83	59.77	-471.30	0.00	372321.76	728687.71	N 32° 1' 17.33"	W 103° 35' 43.64"	
	3900.00	11.55	277.23	3853.52	-64.87	60.93	-480.47	1.00	372322.93	728678.54	N 32° 1' 17.34"	W 103° 35' 43.75"	
	4000.00	10.55	277.23	3951.86	-67.44	63.34	-499.48	1.00	372325.34	728659.53	N 32° 1' 17.37"	W 103° 35' 43.97"	
	4100.00	9.55	277.23	4050.13	-69.77	65.54	-516.79	1.00	372327.53	728642.22	N 32° 1' 17.39"	W 103° 35' 44.17"	
	4200.00	8.55	277.23	4148.88	-71.88	67.51	-532.39	1.00	372329.51	728626.62	N 32° 1' 17.41"	W 103° 35' 44.35"	
	4300.00	7.55	277.23	4247.90	-73.75	69.27	-546.28	1.00	372331.27	728612.74	N 32° 1' 17.43"	W 103° 35' 44.51"	
	4400.00	6.55	277.23	4347.14	-75.40	70.82	-558.45	1.00	372332.82	728600.56	N 32° 1' 17.44"	W 103° 35' 44.65"	
	4500.00	5.55	277.23	4446.58	-76.81	72.14	-568.91	1.00	372334.14	728590.11	N 32° 1' 17.46"	W 103° 35' 44.77"	
Lamar	4600.00	4.55	277.23	4546.19	-77.99	73.25	-577.63	1.00	372335.25	728581.38	N 32° 1' 17.47"	W 103° 35' 44.87"	
	4700.00	3.55	277.23	4645.94	-78.93	74.14	-584.64	1.00	372336.14	728574.38	N 32° 1' 17.48"	W 103° 35' 44.95"	
	4800.00	2.55	277.23	4745.80	-79.84	74.81	-589.91	1.00	372336.81	728569.11	N 32° 1' 17.49"	W 103° 35' 45.02"	
	4900.00	1.55	277.23	4845.73	-80.12	75.26	-593.46	1.00	372337.25	728565.56	N 32° 1' 17.49"	W 103° 35' 45.06"	
	4931.06	1.24	277.23	4876.79	-80.22	75.35	-594.21	1.00	372337.35	728564.81	N 32° 1' 17.49"	W 103° 35' 45.07"	
	4958.94	0.96	277.23	4904.66	-80.30	75.42	-594.73	1.00	372337.42	728564.28	N 32° 1' 17.49"	W 103° 35' 45.07"	
	5000.00	0.55	277.23	4945.72	-80.37	75.49	-595.27	1.00	372337.48	728563.75	N 32° 1' 17.49"	W 103° 35' 45.08"	
	Hold Vertical	5054.77	0.00	277.23	5000.49	-80.40	75.52	-595.53	1.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"
		5100.00	0.00	277.23	5045.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"
		5200.00	0.00	277.23	5145.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"
5300.00		0.00	277.23	5245.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5400.00		0.00	277.23	5345.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5500.00		0.00	277.23	5445.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5600.00		0.00	277.23	5545.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5700.00		0.00	277.23	5645.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5800.00		0.00	277.23	5745.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
5900.00		0.00	277.23	5845.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
Cherry Canyon	5984.36	0.00	277.23	5930.08	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
	6000.00	0.00	277.23	5945.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
	6100.00	0.00	277.23	6045.72	-80.40	75.52	-595.53	0.00	372337.52	728563.49	N 32° 1' 17.49"	W 103° 35' 45.08"	
	6200.00	0.00	277										

Comments	MP	Inc	Azin Gld	TVD	VSEC	NS	EW	DLS	Northng	Eastng	Longtude	Latitude	EW
Brusly Canyon	6800.00	0.00	277.23	6945.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	7000.00	0.00	277.23	7145.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	7200.00	0.00	277.23	7345.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	7400.00	0.00	277.23	7545.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	7600.00	0.00	277.23	7745.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	7800.00	0.00	277.23	7945.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8000.00	0.00	277.23	8045.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8100.00	0.00	277.23	8145.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8200.00	0.00	277.23	8245.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8300.00	0.00	277.23	8345.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8400.00	0.00	277.23	8445.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8500.00	0.00	277.23	8545.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8600.00	0.00	277.23	8645.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8700.00	0.00	277.23	8745.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8800.00	0.00	277.23	8845.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	8900.00	0.00	277.23	8945.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
Top First Bone	9000.00	0.00	277.23	9045.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
Spring	9081.28	0.00	277.23	9081.28	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	10000.00	0.00	277.23	9945.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	10100.00	0.00	277.23	10045.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
	10200.00	0.00	277.23	10145.72	75.52	-595.53	75.52	0.00	0.00	0.00	372337.52	728563.49	N 32 17.49 W 103.35 45.08
First Bone	10281.28	0.00	277.23	10221.00	75.52	-595.53	75.52	0.00	0				

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ft)	Easting (ft)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
	14000.00	89.25	179.53	12316.84	1811.67	-1816.49	-580.05	0.00	370445.57	728578.97	N 32° 0' 56.77"	W 103° 35' 45.05"
	14100.00	89.25	179.53	12318.15	1911.86	-1916.47	-579.23	0.00	370345.59	728579.79	N 32° 0' 57.78"	W 103° 35' 45.05"
	14200.00	89.25	179.53	12319.46	2011.85	-2016.46	-578.41	0.00	370245.60	728580.60	N 32° 0' 56.79"	W 103° 35' 45.05"
	14300.00	89.25	179.53	12320.78	2111.84	-2116.45	-577.60	0.00	370145.62	728581.42	N 32° 0' 55.80"	W 103° 35' 45.05"
	14400.00	89.25	179.53	12322.09	2211.83	-2216.44	-576.78	0.00	370045.64	728582.24	N 32° 0' 54.81"	W 103° 35' 45.04"
	14500.00	89.25	179.53	12323.41	2311.82	-2316.43	-575.96	0.00	369945.65	728583.06	N 32° 0' 53.82"	W 103° 35' 45.04"
	14600.00	89.25	179.53	12324.72	2411.81	-2416.41	-575.14	0.00	369845.67	728583.88	N 32° 0' 52.83"	W 103° 35' 45.04"
	14700.00	89.25	179.53	12326.03	2511.81	-2516.40	-574.32	0.00	369745.68	728584.70	N 32° 0' 51.84"	W 103° 35' 45.04"
	14800.00	89.25	179.53	12327.35	2611.80	-2616.39	-573.51	0.00	369645.70	728585.51	N 32° 0' 50.85"	W 103° 35' 45.04"
	14900.00	89.25	179.53	12328.66	2711.79	-2716.38	-572.69	0.00	369545.71	728586.33	N 32° 0' 49.86"	W 103° 35' 45.04"
	15000.00	89.25	179.53	12329.98	2811.78	-2816.37	-571.87	0.00	369445.73	728587.15	N 32° 0' 48.87"	W 103° 35' 45.04"
	15100.00	89.25	179.53	12331.29	2911.77	-2916.36	-571.05	0.00	369345.74	728587.97	N 32° 0' 47.88"	W 103° 35' 45.03"
	15200.00	89.25	179.53	12332.61	3011.76	-3016.34	-570.23	0.00	369245.76	728588.79	N 32° 0' 46.89"	W 103° 35' 45.03"
	15300.00	89.25	179.53	12333.92	3111.75	-3116.33	-569.42	0.00	369145.77	728589.60	N 32° 0' 45.91"	W 103° 35' 45.03"
	15400.00	89.25	179.53	12335.23	3211.74	-3216.32	-568.60	0.00	369045.79	728590.42	N 32° 0' 44.92"	W 103° 35' 45.03"
	15500.00	89.25	179.53	12336.55	3311.73	-3316.31	-567.78	0.00	368945.80	728591.24	N 32° 0' 43.93"	W 103° 35' 45.03"
	15600.00	89.25	179.53	12337.86	3411.73	-3416.29	-566.96	0.00	368845.82	728592.06	N 32° 0' 42.94"	W 103° 35' 45.03"
	15700.00	89.25	179.53	12339.18	3511.72	-3516.28	-566.14	0.00	368745.83	728592.88	N 32° 0' 41.95"	W 103° 35' 45.02"
	15800.00	89.25	179.53	12340.49	3611.71	-3616.27	-565.32	0.00	368645.85	728593.69	N 32° 0' 40.96"	W 103° 35' 45.02"
	15900.00	89.25	179.53	12341.81	3711.70	-3716.26	-564.51	0.00	368545.86	728594.51	N 32° 0' 39.97"	W 103° 35' 45.02"
	16000.00	89.25	179.53	12343.12	3811.69	-3816.25	-563.69	0.00	368445.88	728595.33	N 32° 0' 38.98"	W 103° 35' 45.02"
	16100.00	89.25	179.53	12344.43	3911.68	-3916.24	-562.87	0.00	368345.89	728596.15	N 32° 0' 37.99"	W 103° 35' 45.02"
	16200.00	89.25	179.53	12345.75	4011.67	-4016.22	-562.05	0.00	368245.91	728596.97	N 32° 0' 37.00"	W 103° 35' 45.02"
	16300.00	89.25	179.53	12347.06	4111.66	-4116.21	-561.23	0.00	368145.92	728597.78	N 32° 0' 36.01"	W 103° 35' 45.01"
	16400.00	89.25	179.53	12348.38	4211.65	-4216.20	-560.42	0.00	368045.94	728598.60	N 32° 0' 35.02"	W 103° 35' 45.01"
	16500.00	89.25	179.53	12349.69	4311.64	-4316.19	-559.60	0.00	367945.96	728599.42	N 32° 0' 34.03"	W 103° 35' 45.01"
	16600.00	89.25	179.53	12351.01	4411.63	-4416.17	-558.78	0.00	367845.97	728600.24	N 32° 0' 33.04"	W 103° 35' 45.01"
	16700.00	89.25	179.53	12352.32	4511.62	-4516.16	-557.96	0.00	367745.99	728601.06	N 32° 0' 32.05"	W 103° 35' 45.01"
	16800.00	89.25	179.53	12353.63	4611.61	-4616.15	-557.14	0.00	367646.00	728601.87	N 32° 0' 31.06"	W 103° 35' 45.01"
	16900.00	89.25	179.53	12354.95	4711.60	-4716.14	-556.33	0.00	367546.02	728602.69	N 32° 0' 30.07"	W 103° 35' 45.01"
	17000.00	89.25	179.53	12356.26	4811.59	-4816.13	-555.51	0.00	367446.03	728603.51	N 32° 0' 29.08"	W 103° 35' 45.00"
	17100.00	89.25	179.53	12357.58	4911.58	-4916.11	-554.69	0.00	367346.05	728604.33	N 32° 0' 28.09"	W 103° 35' 45.00"
	17200.00	89.25	179.53	12358.89	5011.57	-5016.10	-553.87	0.00	367246.06	728605.15	N 32° 0' 27.11"	W 103° 35' 45.00"
	17300.00	89.25	179.53	12360.20	5111.56	-5116.09	-553.05	0.00	367146.08	728605.97	N 32° 0' 26.12"	W 103° 35' 45.00"
	17400.00	89.25	179.53	12361.52	5211.55	-5216.08	-552.24	0.00	367046.09	728606.79	N 32° 0' 25.13"	W 103° 35' 45.00"
	17500.00	89.25	179.53	12362.83	5311.54	-5316.07	-551.42	0.00	366946.11	728607.60	N 32° 0' 24.14"	W 103° 35' 45.00"
	17600.00	89.25	179.53	12364.15	5411.53	-5416.05	-550.60	0.00	366846.12	728608.42	N 32° 0' 23.15"	W 103° 35' 44.99"
	17700.00	89.25	179.53	12365.46	5511.52	-5516.04	-549.78	0.00	366746.14	728609.24	N 32° 0' 22.16"	W 103° 35' 44.99"
	17800.00	89.25	179.53	12366.78	5611.51	-5616.03	-548.96	0.00	366646.15	728610.05	N 32° 0' 21.17"	W 103° 35' 44.99"
	17900.00	89.25	179.53	12368.09	5711.50	-5716.02	-548.15	0.00	366546.17	728610.87	N 32° 0' 20.18"	W 103° 35' 44.99"
	18000.00	89.25	179.53	12369.40	5811.49	-5816.01	-547.33	0.00	366446.18	728611.69	N 32° 0' 19.19"	W 103° 35' 44.99"
	18100.00	89.25	179.53	12370.72	5911.48	-5915.99	-546.51	0.00	366346.20	728612.51	N 32° 0' 18.20"	W 103° 35' 44.99"
	18200.00	89.25	179.53	12372.03	6011.47	-6015.98	-545.69	0.00	366246.21	728613.33	N 32° 0' 17.21"	W 103° 35' 44.98"
	18300.00	89.25	179.53	12373.35	6111.46	-6115.97	-544.87	0.00	366146.23	728614.14	N 32° 0' 16.22"	W 103° 35' 44.98"
	18400.00	89.25	179.53	12374.66	6211.45	-6215.96	-544.06	0.00	366046.25	728614.96	N 32° 0' 15.23"	W 103° 35' 44.98"
	18500.00	89.25	179.53	12375.98	6311.44	-6315.95	-543.24	0.00	365946.26	728615.78	N 32° 0' 14.24"	W 103° 35' 44.98"
	18600.00	89.25	179.53	12377.29	6411.43	-6415.93	-542.42	0.00	365846.28	728616.60	N 32° 0' 13.25"	W 103° 35' 44.98"
	18700.00	89.25	179.53	12378.60	6511.42	-6515.92	-541.60	0.00	365746.29	728617.42	N 32° 0' 12.26"	W 103° 35' 44.98"
	18800.00	89.25	179.53	12379.92	6611.41	-6615.91	-540.78	0.00	365646.31	728618.23	N 32° 0' 11.27"	W 103° 35' 44.98"
	18900.00	89.25	179.53	12381.23	6711.40	-6715.90	-539.96	0.00	365546.32	728619.05	N 32° 0' 10.28"	W 103° 35' 44.97"
	19000.00	89.25	179.53	12382.55	6811.39	-6815.89	-539.15	0.00	365446.34	728619.87	N 32° 0' 9.29"	W 103° 35' 44.97"
	19100.00	89.25	179.53	12383.86	6911.38	-6915.87	-538.33	0.00	365346.35	728620.69	N 32° 0' 8.31"	W 103° 35' 44.97"
	19200.00	89.25	179.53	12385.18	7011.37	-7015.86	-537.51	0.00	365246.37	728621.51	N 32° 0' 7.32"	W 103° 35' 44.97"
	19300.00	89.25	179.53	12386.49	7111.36	-7115.85	-536.69	0.00	365146.38	728622.33	N 32° 0' 6.33"	W 103° 35' 44.97"
	19400.00	89.25	179.53	12387.80	7211.35	-7215.84	-535.87	0.00	365046.40	728623.14	N 32° 0' 5.34"	W 103° 35' 44.97"
	19500.00	89.25	179.53	12389.12	7311.34	-7315.83	-535.06	0.00	364946.41	728623.96	N 32° 0' 4.35"	W 103° 35' 44.96"
	19600.00	89.25	179.53	12390.43	7411.33	-7415.81	-534.24	0.00	364846.43	728624.78	N 32° 0' 3.36"	W 103° 35' 44.96"
	19700.00	89.25	179.53	12391.75	7511.32	-7515.80	-533.42	0.00	364746.44	728625.60	N 32° 0' 2.37"	W 103° 35' 44.96"
LTP Cross	19716.20	89.25	179.53	12391.06	7527.37	-7532.00	-533.29	0.00	364730.25	728625.73	N 32° 0' 2.21"	W 103° 35' 44.96"
	19800.00	89.25	179.53	12393.06	7611.17	-7615.79	-532.60	0.00	364646.46	728626.42	N 32° 0' 1.38"	W 103° 35' 44.96"

Chevron SD EA
29 32 Fed Com
P10 17H - PBHL

19871.47 89.25 179.53 12394.00 7682.63 -7687.25 -532.02 0.00 364575.00 728627.00 N 32° 0' 0.67" W 103° 35' 44.96"

Survey Type: Def Plan

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 Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey
	1	0.000	32.500	1/100.000	30.000	30.000	B001Ma_MWD+HDGM-Depth Only	SD EA 29 32 Fed Com P10 17H / Chevron SD EA 29 32 Fed Com P10 17H Rev1 kFc 03Dec18
	1	32.500	19871.470	1/100.000	30.000	30.000	B001Ma_MWD+HDGM	SD EA 29 32 Fed Com P10 17H / Chevron SD EA 29 32 Fed Com