

Well Name: SERPENTINE 2-26 STATE FED COM	Well Location: T23S / R33E / SEC 2 / SESE /	County or Parish/State:
Well Number: 30H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM113969	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002550074	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2672402

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 06/01/2022	Time Sundry Submitted: 09:36
Date proposed operation will begin: 05/18/2022	

Procedure Description: Devon Energy Production Co., L.P. (Devon) respectfully requests to change the BHL on the subject well. Please see attached revised C102, Drill plan, directional plan. Devon is also requesting a break test variance. The variance request and chart are attached. Permitted BHL: NENE, 20 FNL, 1254 FEL, 35-22S-33E
Proposed BHL: SWSE, 1300 FSL, 1680 FEL, 26-22S-33E

NOI Attachments

Procedure Description

- break_test_variance_BOP_20220601093508.pdf
- SERPENTINE_2_26_St_Fed_Com_30H_Directional_Plan_05_31_22_20220601093157.pdf
- WA018399722_SERPENTINE_2_26_ST_FED_COM_30H_WL_R4_20220601093134.pdf
- SERPENTINE_2_26_St_Fed_Com_30H_05.31.22_20220601093135.pdf
- 13.375_48lb_H40_20220531075915.pdf
- 9.625_40lb_J_55_20220518154448.pdf
- 5.5_17lb_P110_BTC_20220518154448.pdf

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Conditions of Approval

Additional

Break_Test_COA_Variance_20220707073701.pdf

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CHELSEY GREEN	Signed on: MAY 18, 2022 03:44 PM
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 West Sheridan Avenue	
City: Oklahoma City	State: OK
Phone: (405) 228-8595	
Email address: Chelsey.Green@dvn.com	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CODY LAYTON	BLM POC Title: Assistant Field Manager Lands & Minerals
BLM POC Phone: 5752345959	BLM POC Email Address: clayton@blm.gov
Disposition: Approved	Disposition Date: 07/20/2022
Signature: Cody R. Layton	



U. S. Steel Tubular Products

13.375" 48.00lbs/ft (0.330" Wall) H40

1/8/2019 12:38:52 PM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC	
Minimum Yield Strength	40,000	--	--	--	psi
Maximum Yield Strength	80,000	--	--	--	psi
Minimum Tensile Strength	60,000	--	--	--	psi
DIMENSIONS	Pipe	BTC	LTC	STC	
Outside Diameter	13.375	--	--	14.375	in.
Wall Thickness	0.330	--	--	--	in.
Inside Diameter	12.715	--	--	12.715	in.
Standard Drift	12.559	12.559	--	12.559	in.
Alternate Drift	--	--	--	--	in.
Nominal Linear Weight, T&C	48.00	--	--	--	lbs/ft
Plain End Weight	46.02	--	--	--	lbs/ft
PERFORMANCE	Pipe	BTC	LTC	STC	
Minimum Collapse Pressure	740	740	--	740	psi
Minimum Internal Yield Pressure	1,730	1,730	--	1,730	psi
Minimum Pipe Body Yield Strength	541	--	--	--	1,000 lbs
Joint Strength	--	--	--	322	1,000 lbs
Reference Length	--	--	--	4,473	ft
MAKE-UP DATA	Pipe	BTC	LTC	STC	
Make-Up Loss	--	--	--	3.50	in.
Minimum Make-Up Torque	--	--	--	2,420	ft-lbs
Maximum Make-Up Torque	--	--	--	4,030	ft-lbs

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Spring, Texas 77380

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www.usstubular.com



U. S. Steel Tubular Products

5.500" 17.00lbs/ft (0.304" Wall) P110

2/21/2019 8:12:22 AM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC	
Minimum Yield Strength	110,000	--	--	--	psi
Maximum Yield Strength	140,000	--	--	--	psi
Minimum Tensile Strength	125,000	--	--	--	psi
DIMENSIONS	Pipe	BTC	LTC	STC	
Outside Diameter	5.500	6.050	6.050	--	in.
Wall Thickness	0.304	--	--	--	in.
Inside Diameter	4.892	4.892	4.892	--	in.
Standard Drift	4.767	4.767	4.767	--	in.
Alternate Drift	--	--	--	--	in.
Nominal Linear Weight, T&C	17.00	--	--	--	lbs/ft
Plain End Weight	16.89	--	--	--	lbs/ft
PERFORMANCE	Pipe	BTC	LTC	STC	
Minimum Collapse Pressure	7,480	7,480	7,480	--	psi
Minimum Internal Yield Pressure	10,640	10,640	10,640	--	psi
Minimum Pipe Body Yield Strength	546	--	--	--	1,000 lbs
Joint Strength	--	568	445	--	1,000 lbs
Reference Length	--	22,271	17,449	--	ft
MAKE-UP DATA	Pipe	BTC	LTC	STC	
Make-Up Loss	--	4.13	3.50	--	in.
Minimum Make-Up Torque	--	--	3,470	--	ft-lbs
Maximum Make-Up Torque	--	--	5,780	--	ft-lbs

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U. S. Steel Tubular Products

9.625" 40.00lbs/ft (0.395" Wall) J55

1/24/2019 2:45:24 PM

MECHANICAL PROPERTIES	Pipe	BTC	LTC	STC	
Minimum Yield Strength	55,000	--	--	--	psi
Maximum Yield Strength	80,000	--	--	--	psi
Minimum Tensile Strength	75,000	--	--	--	psi

DIMENSIONS	Pipe	BTC	LTC	STC	
Outside Diameter	9.625	10.625	10.625	10.625	in.
Wall Thickness	0.395	--	--	--	in.
Inside Diameter	8.835	8.835	8.835	8.835	in.
Standard Drift	8.679	8.679	8.679	8.679	in.
Alternate Drift	8.750	8.750	8.750	8.750	in.
Nominal Linear Weight, T&C	40.00	--	--	--	lbs/ft
Plain End Weight	38.97	--	--	--	lbs/ft

PERFORMANCE	Pipe	BTC	LTC	STC	
Minimum Collapse Pressure	2,570	2,570	2,570	2,570	psi
Minimum Internal Yield Pressure	3,950	3,950	3,950	3,950	psi
Minimum Pipe Body Yield Strength	630	--	--	--	1,000 lbs
Joint Strength	--	714	520	452	1,000 lbs
Reference Length	--	11,898	8,665	7,529	ft

MAKE-UP DATA	Pipe	BTC	LTC	STC	
Make-Up Loss	--	4.81	4.75	3.38	in.
Minimum Make-Up Torque	--	--	3,900	3,390	ft-lbs
Maximum Make-Up Torque	--	--	6,500	5,650	ft-lbs

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Section 2 - Blowout Preventer Testing Procedure

Variance Request

Devon Energy requests to only test BOP connection breaks after drilling out of surface casing and while skidding between wells which conforms to API Standard 53 and industry standards. This test will include the Top Pipe Rams, HCR, Kill Line Check Valve, QDC (quick disconnect to wellhead) and Shell of the 10M BOPE to 5M for 10 minutes. If a break to the flex hose that runs to the choke manifold is required due to repositioning from a skid, the HCR will remain open during the shell test to include that additional break. The variance only pertains to intermediate hole-sections and no deeper than the Bone Springs Formation where 5M BOP tests are required. The initial BOP test will follow OOGO2.III.A.2.i, and subsequent tests following a skid will only test connections that are broken. The annular preventer will be tested to 100% working pressure. This variance will meet or exceed OOGO2.III.A.2.i per the following: Devon Energy will perform a full BOP test per OOGO2.III.A.2.i before drilling out of the intermediate casing string(s) and starting the production hole, before starting any hole section that requires a 10M test, before the expiration of the allotted 14-days for 5M intermediate batch drilling or when the drilling rig is fully mobilized to a new well pad, whichever is sooner. We will utilize a 200' TVD tolerance between intermediate shoes as the cutoff for a full BOP test. The BLM will be contacted 4hrs prior to a BOPE test. The BLM will be notified if and when a well control event is encountered. Break test will be a 14 day interval and not a 30 day full BOPE test interval. If in the event break testing is not utilized, then a full BOPE test would be conducted.

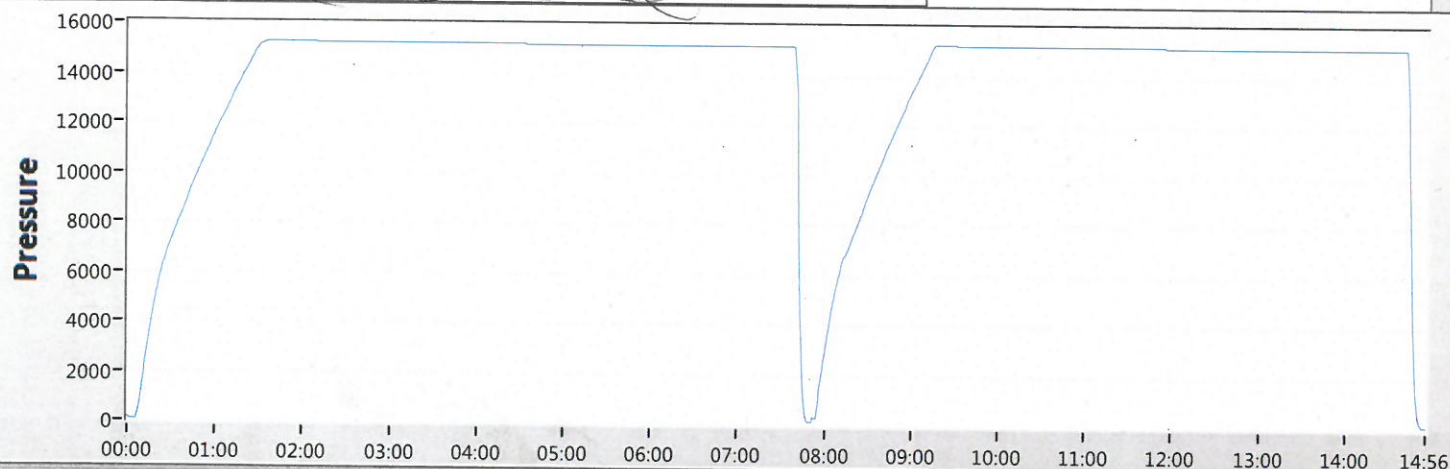
1. Well Control Response:
 1. Primary barrier remains fluid
 2. In the event of an influx due to being underbalanced and after a realized gain or flow, the order of closing BOPE is as follows:
 - a) Annular first
 - b) If annular were to not hold, Upper pipe rams second (which were tested on the skid BOP test)
 - c) If the Upper Pipe Rams were to not hold, Lower Pipe Rams would be third

Cactus
Wellhead

2-9-17
E Bell

80.7 °F

15:49



50

Date 02-09-17

Tested By E.BELL

Transducer bay2

Transducer Serial 181504

Calibration Date 9/6/15

	Job#	Part#	Serial#	Description	Test Pressure
1	TRJ0006341-0007	116966	TRJ6341-7-1	ADPT,DRLG,CW,MBU-3T,13-5/8 10M	15000
2					
3					
4					
5				TRANSDUCER CALIBRATION DUE 03/13/2017	
6					
7					
8					

TRANSDUCER CALIBRATION DUE 03/13/2017



Start



Stop



Zero



Config



Save



Print

EXIT

SERPENTINE 2-26 St Fed Com 30H

1. Geologic Formations

TVD of target	11000	Pilot hole depth	N/A
MD at TD:	22680	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	952		
Salt	1233		
Base of Salt	5068		
Delaware	5068		
Cherry Canyon	5918		
Brushy Canyon	7319		
1st Bone Spring Lime	8981		
Bone Spring 1st	10018		
Bone Spring 2nd	10590		

*H2S, water flows, loss of circulation, abnormal pressures, etc.

SERPENTINE 2-26 St Fed Com 30H

2. Casing Program

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
17 1/2	13 3/8	48	H40	BTC	0	977	0	977
12 1/4	9 5/8	40	J-55	BTC	0	5168	0	5168
8 3/4	5 1/2	17	P110	BTC	0	22680	0	11000

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.

SERPENTINE 2-26 St Fed Com 30H

3. Cementing Program (3-String Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	746	Surf	13.2	1.4	Lead: Class C Cement + additives
Int 1	572	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	9.0	3.3	Squeeze Lead: Class C Cement + additives
	572	Surf	9.0	3.3	Lead: Class C Cement + additives
	154	500' above shoe	13.2	1.4	Tail: Class H / C + additives
Production	500	500' tieback	9.0	3.3	Lead: Class H / C + additives
	2343	KOP	13.2	1.4	Tail: Class H / C + additives

If a DV tool is ran the depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. Slurry weights will be adjusted based on estimated fracture gradient of the formation. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above current shoe. If cement is not returned to surface during the primary cement job on the surface casing string, a planned top job will be conducted immediately after completion of the primary job.

Casing String	% Excess
Surface	50%
Intermediate	30%
Production	10%

SERPENTINE 2-26 St Fed Com 30H

4. Pressure Control Equipment (Three String Design)

BOP installed and tested before drilling which hole?	Size?	Min. Required WP	Type	✓	Tested to:
Int 1	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
Production	13-5/8"	5M	Annular	X	50% of rated working pressure
			Blind Ram	X	5M
			Pipe Ram		
			Double Ram	X	
			Other*		
			Annular (5M)		
			Blind Ram		
			Pipe Ram		
			Double Ram		
			Other*		

SERPENTINE 2-26 St Fed Com 30H

5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	Brine	10-10.5
Production	WBM	8.5-9

Sufficient mud materials to maintain mud properties and meet minimum lost circulation and weight increase requirements will be kept on location at all times.

What will be used to monitor the loss or gain of fluid?	PVT/Pason/Visual Monitoring
---	-----------------------------

6. Logging and Testing Procedures

Logging, Coring and Testing	
X	Will run GR/CNL from TD to surface (horizontal well - vertical portion of hole). Stated logs run will be in the Completion Report and submitted to the BLM.
	No logs are planned based on well control or offset log information.
	Drill stem test? If yes, explain.
	Coring? If yes, explain.

Additional logs planned		Interval
	Resistivity	
	Density	
X	CBL	Production casing
X	Mud log	KOP to TD
	PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	5148
Abnormal temperature	No

Mitigation measure for abnormal conditions. Describe. Lost circulation material/sweeps/mud scavengers.

Hydrogen Sulfide (H₂S) monitors will be installed prior to drilling out the surface shoe. If H₂S is detected in concentrations greater than 100 ppm, the operator will comply with the provisions of Onshore Oil and Gas Order #6. If Hydrogen Sulfide is encountered measured values and formations will be provided to the BLM.

N	H ₂ S is present
Y	H ₂ S plan attached.

SERPENTINE 2-26 St Fed Com 30H

8. Other facets of operation

Is this a walking operation? Potentially

- 1 If operator elects, drilling rig will batch drill the surface holes and run/cement surface casing; walking the rig to next wells on the pad.
- 2 The drilling rig will then batch drill the intermediate sections and run/cement intermediate casing; the wellbore will be isolated with a blind flange and pressure gauge installed for monitoring the well before walking to the next well.
- 3 The drilling rig will then batch drill the production hole sections on the wells with OBM, run/cement production casing, and install TA caps or tubing heads for completions.

NOTE: During batch operations the drilling rig will be moved from well to well however, it will not be removed from the pad until all wells have production casing run/cemented.

Will be pre-setting casing? Potentially

- 1 Spudder rig will move in and batch drill surface hole.
 - a. Rig will utilize fresh water based mud to drill surface hole to TD. Solids control will be handled entirely on a closed loop basis.
- 2 After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
- 3 The wellhead will be installed and tested once the surface casing is cut off and the WOC time has been reached.
- 4 A blind flange with the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with a pressure gauge installed on the wellhead.
- 5 Spudder rig operations is expected to take 4-5 days per well on a multi-well pad.
- 6 The NMOCD will be contacted and notified 24 hours prior to commencing spudder rig operations.
- 7 Drilling operations will be performed with drilling rig. At that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan

 Other, describe

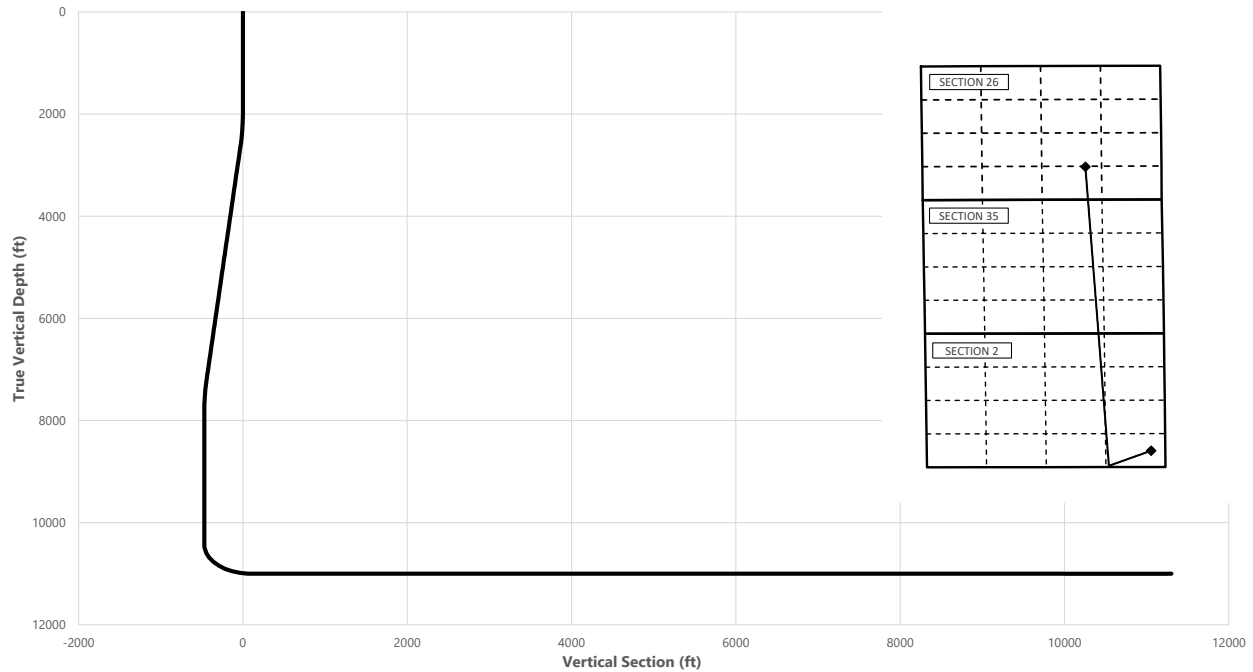
SERPENTINE 2-26 St Fed Com 30H



Well: SERPENTINE 2-26 St Fed Com 30H
County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	237.50	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2600.00	12.00	237.50	2595.62	-33.64	-52.80	-26.57	2.00	Hold Tangent
7322.56	12.00	237.50	7214.99	-561.20	-880.90	-443.27	0.00	Drop to Vertical
7922.56	0.00	237.50	7810.61	-594.83	-933.70	-469.84	2.00	Hold Vertical
10539.00	0.00	357.48	10427.04	-594.83	-933.70	-469.84	0.00	KOP
11439.00	90.00	357.48	11000.00	-22.43	-958.89	101.05	10.00	Landing Point
22679.58	90.00	357.48	11000.00	11207.28	-1453.12	11301.10	0.00	BHL

**Key Depths**

	MD (ft)	TVD (ft)
Rustler	952.00	952.00
Salt	1233.00	1233.00
Base of Salt	5127.61	5068.00
Delaware	5127.61	5068.00
Cherry Canyon	5996.60	5918.00
Brushy Canyon	7428.51	7319.00
1st Bone Spring Lime	9092.95	8981.00
Bone Spring 1st	10129.95	10018.00
Bone Spring 2nd / Point of Penetrati	10704.23	10590.00
Exit	22599.58	11000.02

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.3281	-103.5357	642' FSL, 313' FEL of Sec 2 in T23S, R33E
10539.00	10427.04	32.3265	-103.5388	49' FSL, 1250' FEL of Sec 2 in T23S, R33E
10704.23	10590.00	32.3267	-103.5387	100' FSL, 1250' FEL of Sec 2 in T23S, R33E
22599.58	11000.02	32.3588	-103.5401	1220' FNL, 1680' FEL of Sec 26 in T22S, R33E
22679.58	11000.00	32.3589	-103.5402	1300' FSL, 1680' FEL of Sec 26 in T22S, R33E

SERPENTINE 2-26 St Fed Com 30H



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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	237.50	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	237.50	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	237.50	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	237.50	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	237.50	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	237.50	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	237.50	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	237.50	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	237.50	900.00	0.00	0.00	0.00	0.00	
952.00	0.00	237.50	952.00	0.00	0.00	0.00	0.00	Rustler
1000.00	0.00	237.50	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	237.50	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	237.50	1200.00	0.00	0.00	0.00	0.00	
1233.00	0.00	237.50	1233.00	0.00	0.00	0.00	0.00	Salt
1300.00	0.00	237.50	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	237.50	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	237.50	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	237.50	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	237.50	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	237.50	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	237.50	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	237.50	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	237.50	2099.98	-0.94	-1.47	-0.74	2.00	
2200.00	4.00	237.50	2199.84	-3.75	-5.89	-2.96	2.00	
2300.00	6.00	237.50	2299.45	-8.43	-13.24	-6.66	2.00	
2400.00	8.00	237.50	2398.70	-14.98	-23.51	-11.83	2.00	
2500.00	10.00	237.50	2497.47	-23.38	-36.71	-18.47	2.00	
2600.00	12.00	237.50	2595.62	-33.64	-52.80	-26.57	2.00	Hold Tangent
2700.00	12.00	237.50	2693.44	-44.81	-70.33	-35.39	0.00	
2800.00	12.00	237.50	2791.25	-55.98	-87.87	-44.22	0.00	
2900.00	12.00	237.50	2889.07	-67.15	-105.40	-53.04	0.00	
3000.00	12.00	237.50	2986.88	-78.32	-122.94	-61.86	0.00	
3100.00	12.00	237.50	3084.70	-89.49	-140.47	-70.69	0.00	
3200.00	12.00	237.50	3182.51	-100.66	-158.01	-79.51	0.00	
3300.00	12.00	237.50	3280.33	-111.83	-175.54	-88.33	0.00	
3400.00	12.00	237.50	3378.14	-123.01	-193.08	-97.16	0.00	
3500.00	12.00	237.50	3475.96	-134.18	-210.61	-105.98	0.00	
3600.00	12.00	237.50	3573.77	-145.35	-228.15	-114.80	0.00	
3700.00	12.00	237.50	3671.59	-156.52	-245.68	-123.63	0.00	
3800.00	12.00	237.50	3769.40	-167.69	-263.22	-132.45	0.00	
3900.00	12.00	237.50	3867.22	-178.86	-280.75	-141.28	0.00	
4000.00	12.00	237.50	3965.03	-190.03	-298.29	-150.10	0.00	
4100.00	12.00	237.50	4062.84	-201.20	-315.82	-158.92	0.00	
4200.00	12.00	237.50	4160.66	-212.37	-333.36	-167.75	0.00	
4300.00	12.00	237.50	4258.47	-223.55	-350.89	-176.57	0.00	
4400.00	12.00	237.50	4356.29	-234.72	-368.43	-185.39	0.00	
4500.00	12.00	237.50	4454.10	-245.89	-385.96	-194.22	0.00	
4600.00	12.00	237.50	4551.92	-257.06	-403.50	-203.04	0.00	
4700.00	12.00	237.50	4649.73	-268.23	-421.03	-211.87	0.00	
4800.00	12.00	237.50	4747.55	-279.40	-438.57	-220.69	0.00	
4900.00	12.00	237.50	4845.36	-290.57	-456.10	-229.51	0.00	
5000.00	12.00	237.50	4943.18	-301.74	-473.64	-238.34	0.00	
5100.00	12.00	237.50	5040.99	-312.91	-491.17	-247.16	0.00	
5127.61	12.00	237.50	5068.00	-316.00	-496.02	-249.60	0.00	Base of Salt, Delaware
5200.00	12.00	237.50	5138.81	-324.09	-508.71	-255.98	0.00	
5300.00	12.00	237.50	5236.62	-335.26	-526.24	-264.81	0.00	
5400.00	12.00	237.50	5334.44	-346.43	-543.78	-273.63	0.00	
5500.00	12.00	237.50	5432.25	-357.60	-561.31	-282.45	0.00	
5600.00	12.00	237.50	5530.07	-368.77	-578.85	-291.28	0.00	
5700.00	12.00	237.50	5627.88	-379.94	-596.38	-300.10	0.00	
5800.00	12.00	237.50	5725.70	-391.11	-613.92	-308.93	0.00	
5900.00	12.00	237.50	5823.51	-402.28	-631.45	-317.75	0.00	
5996.60	12.00	237.50	5918.00	-413.08	-648.39	-326.27	0.00	Cherry Canyon
6000.00	12.00	237.50	5921.33	-413.46	-648.99	-326.57	0.00	
6100.00	12.00	237.50	6019.14	-424.63	-666.52	-335.40	0.00	
6200.00	12.00	237.50	6116.95	-435.80	-684.06	-344.22	0.00	
6300.00	12.00	237.50	6214.77	-446.97	-701.59	-353.04	0.00	
6400.00	12.00	237.50	6312.58	-458.14	-719.13	-361.87	0.00	
6500.00	12.00	237.50	6410.40	-469.31	-736.67	-370.69	0.00	

SERPENTINE 2-26 St Fed Com 30H



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Wellbore: Permit Plan
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Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6600.00	12.00	237.50	6508.21	-480.48	-754.20	-379.52	0.00	
6700.00	12.00	237.50	6606.03	-491.65	-771.74	-388.34	0.00	
6800.00	12.00	237.50	6703.84	-502.82	-789.27	-397.16	0.00	
6900.00	12.00	237.50	6801.66	-514.00	-806.81	-405.99	0.00	
7000.00	12.00	237.50	6899.47	-525.17	-824.34	-414.81	0.00	
7100.00	12.00	237.50	6997.29	-536.34	-841.88	-423.63	0.00	
7200.00	12.00	237.50	7095.10	-547.51	-859.41	-432.46	0.00	
7300.00	12.00	237.50	7192.92	-558.68	-876.95	-441.28	0.00	
7322.56	12.00	237.50	7214.99	-561.20	-880.90	-443.27	0.00	Drop to Vertical
7400.00	10.45	237.50	7290.94	-569.30	-893.62	-449.67	2.00	
7428.51	9.88	237.50	7319.00	-572.00	-897.86	-451.80	2.00	Brushy Canyon
7500.00	8.45	237.50	7389.58	-578.12	-907.47	-456.64	2.00	
7600.00	6.45	237.50	7488.73	-585.09	-918.40	-462.14	2.00	
7700.00	4.45	237.50	7588.27	-590.19	-926.41	-466.17	2.00	
7800.00	2.45	237.50	7688.08	-593.43	-931.49	-468.73	2.00	
7900.00	0.45	237.50	7788.05	-594.79	-933.63	-469.80	2.00	
7922.56	0.00	237.50	7810.61	-594.83	-933.70	-469.84	2.00	Hold Vertical
8000.00	0.00	357.48	7888.05	-594.83	-933.70	-469.84	0.00	
8100.00	0.00	357.48	7988.05	-594.83	-933.70	-469.84	0.00	
8200.00	0.00	357.48	8088.05	-594.83	-933.70	-469.84	0.00	
8300.00	0.00	357.48	8188.05	-594.83	-933.70	-469.84	0.00	
8400.00	0.00	357.48	8288.05	-594.83	-933.70	-469.84	0.00	
8500.00	0.00	357.48	8388.05	-594.83	-933.70	-469.84	0.00	
8600.00	0.00	357.48	8488.05	-594.83	-933.70	-469.84	0.00	
8700.00	0.00	357.48	8588.05	-594.83	-933.70	-469.84	0.00	
8800.00	0.00	357.48	8688.05	-594.83	-933.70	-469.84	0.00	
8900.00	0.00	357.48	8788.05	-594.83	-933.70	-469.84	0.00	
9000.00	0.00	357.48	8888.05	-594.83	-933.70	-469.84	0.00	
9092.95	0.00	357.48	8981.00	-594.83	-933.70	-469.84	0.00	1st Bone Spring Lime
9100.00	0.00	357.48	8988.05	-594.83	-933.70	-469.84	0.00	
9200.00	0.00	357.48	9088.05	-594.83	-933.70	-469.84	0.00	
9300.00	0.00	357.48	9188.05	-594.83	-933.70	-469.84	0.00	
9400.00	0.00	357.48	9288.05	-594.83	-933.70	-469.84	0.00	
9500.00	0.00	357.48	9388.05	-594.83	-933.70	-469.84	0.00	
9600.00	0.00	357.48	9488.05	-594.83	-933.70	-469.84	0.00	
9700.00	0.00	357.48	9588.05	-594.83	-933.70	-469.84	0.00	
9800.00	0.00	357.48	9688.05	-594.83	-933.70	-469.84	0.00	
9900.00	0.00	357.48	9788.05	-594.83	-933.70	-469.84	0.00	
10000.00	0.00	357.48	9888.05	-594.83	-933.70	-469.84	0.00	
10100.00	0.00	357.48	9988.05	-594.83	-933.70	-469.84	0.00	
10129.95	0.00	357.48	10018.00	-594.83	-933.70	-469.84	0.00	Bone Spring 1st
10200.00	0.00	357.48	10088.05	-594.83	-933.70	-469.84	0.00	
10300.00	0.00	357.48	10188.05	-594.83	-933.70	-469.84	0.00	
10400.00	0.00	357.48	10288.05	-594.83	-933.70	-469.84	0.00	
10500.00	0.00	357.48	10388.05	-594.83	-933.70	-469.84	0.00	
10539.00	0.00	357.48	10427.04	-594.83	-933.70	-469.84	0.00	KOP
10600.00	6.10	357.48	10487.93	-591.59	-933.85	-466.60	10.00	
10700.00	16.10	357.48	10585.94	-572.38	-934.69	-447.45	10.00	
10704.23	16.52	357.48	10590.00	-571.19	-934.74	-446.26	10.00	Bone Spring 2nd / Point of Penetration
10800.00	26.10	357.48	10679.11	-536.46	-936.27	-411.62	10.00	
10900.00	36.10	357.48	10764.63	-484.92	-938.54	-360.22	10.00	
11000.00	46.10	357.48	10839.89	-419.33	-941.43	-294.80	10.00	
11100.00	56.10	357.48	10902.61	-341.68	-944.85	-217.35	10.00	
11200.00	66.10	357.48	10950.87	-254.33	-948.69	-130.23	10.00	
11300.00	76.10	357.48	10983.22	-159.93	-952.85	-36.09	10.00	
11400.00	86.10	357.48	10998.67	-61.36	-957.18	62.23	10.00	
11439.00	90.00	357.48	11000.00	-22.43	-958.89	101.05	10.00	Landing Point
11500.00	90.00	357.48	11000.00	38.52	-961.58	161.84	0.00	
11600.00	90.00	357.48	11000.00	138.42	-965.97	261.48	0.00	
11700.00	90.00	357.48	11000.00	238.32	-970.37	361.12	0.00	
11800.00	90.00	357.48	11000.00	338.23	-974.77	460.76	0.00	
11900.00	90.00	357.48	11000.00	438.13	-979.17	560.40	0.00	
12000.00	90.00	357.48	11000.00	538.03	-983.56	660.04	0.00	
12100.00	90.00	357.48	11000.00	637.93	-987.96	759.67	0.00	
12200.00	90.00	357.48	11000.00	737.84	-992.36	859.31	0.00	
12300.00	90.00	357.48	11000.00	837.74	-996.76	958.95	0.00	
12400.00	90.00	357.48	11000.00	937.64	-1001.15	1058.59	0.00	
12500.00	90.00	357.48	11000.00	1037.55	-1005.55	1158.23	0.00	
12600.00	90.00	357.48	11000.00	1137.45	-1009.95	1257.87	0.00	
12700.00	90.00	357.48	11000.00	1237.35	-1014.35	1357.51	0.00	

SERPENTINE 2-26 St Fed Com 30H



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Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (")	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
12800.00	90.00	357.48	11000.00	1337.26	-1018.74	1457.15	0.00	
12900.00	90.00	357.48	11000.00	1437.16	-1023.14	1556.79	0.00	
13000.00	90.00	357.48	11000.00	1537.06	-1027.54	1656.43	0.00	
13100.00	90.00	357.48	11000.00	1636.97	-1031.93	1756.07	0.00	
13200.00	90.00	357.48	11000.00	1736.87	-1036.33	1855.71	0.00	
13300.00	90.00	357.48	11000.00	1836.77	-1040.73	1955.35	0.00	
13400.00	90.00	357.48	11000.00	1936.68	-1045.13	2054.99	0.00	
13500.00	90.00	357.48	11000.00	2036.58	-1049.52	2154.63	0.00	
13600.00	90.00	357.48	11000.00	2136.48	-1053.92	2254.27	0.00	
13700.00	90.00	357.48	11000.00	2236.39	-1058.32	2353.90	0.00	
13800.00	90.00	357.48	11000.00	2336.29	-1062.72	2453.54	0.00	
13900.00	90.00	357.48	11000.00	2436.19	-1067.11	2553.18	0.00	
14000.00	90.00	357.48	11000.00	2536.10	-1071.51	2652.82	0.00	
14100.00	90.00	357.48	11000.00	2636.00	-1075.91	2752.46	0.00	
14200.00	90.00	357.48	11000.00	2735.90	-1080.31	2852.10	0.00	
14300.00	90.00	357.48	11000.00	2835.81	-1084.70	2951.74	0.00	
14400.00	90.00	357.48	11000.00	2935.71	-1089.10	3051.38	0.00	
14500.00	90.00	357.48	11000.00	3035.61	-1093.50	3151.02	0.00	
14600.00	90.00	357.48	11000.00	3135.52	-1097.89	3250.66	0.00	
14700.00	90.00	357.48	11000.00	3235.42	-1102.29	3350.30	0.00	
14800.00	90.00	357.48	11000.00	3335.32	-1106.69	3449.94	0.00	
14900.00	90.00	357.48	11000.00	3435.23	-1111.09	3549.58	0.00	
15000.00	90.00	357.48	11000.01	3535.13	-1115.48	3649.22	0.00	
15100.00	90.00	357.48	11000.01	3635.03	-1119.88	3748.86	0.00	
15200.00	90.00	357.48	11000.01	3734.94	-1124.28	3848.50	0.00	
15300.00	90.00	357.48	11000.01	3834.84	-1128.68	3948.13	0.00	
15400.00	90.00	357.48	11000.01	3934.74	-1133.07	4047.77	0.00	
15500.00	90.00	357.48	11000.01	4034.65	-1137.47	4147.41	0.00	
15600.00	90.00	357.48	11000.01	4134.55	-1141.87	4247.05	0.00	
15700.00	90.00	357.48	11000.01	4234.45	-1146.27	4346.69	0.00	
15800.00	90.00	357.48	11000.01	4334.36	-1150.66	4446.33	0.00	
15900.00	90.00	357.48	11000.01	4434.26	-1155.06	4545.97	0.00	
16000.00	90.00	357.48	11000.01	4534.16	-1159.46	4645.61	0.00	
16100.00	90.00	357.48	11000.01	4634.07	-1163.86	4745.25	0.00	
16200.00	90.00	357.48	11000.01	4733.97	-1168.25	4844.89	0.00	
16300.00	90.00	357.48	11000.01	4833.87	-1172.65	4944.53	0.00	
16400.00	90.00	357.48	11000.01	4933.78	-1177.05	5044.17	0.00	
16500.00	90.00	357.48	11000.01	5033.68	-1181.44	5143.81	0.00	
16600.00	90.00	357.48	11000.01	5133.58	-1185.84	5243.45	0.00	
16700.00	90.00	357.48	11000.01	5233.49	-1190.24	5343.09	0.00	
16800.00	90.00	357.48	11000.01	5333.39	-1194.64	5442.73	0.00	
16900.00	90.00	357.48	11000.01	5433.29	-1199.03	5542.36	0.00	
17000.00	90.00	357.48	11000.01	5533.20	-1203.43	5642.00	0.00	
17100.00	90.00	357.48	11000.01	5633.10	-1207.83	5741.64	0.00	
17200.00	90.00	357.48	11000.01	5733.00	-1212.23	5841.28	0.00	
17300.00	90.00	357.48	11000.01	5832.90	-1216.62	5940.92	0.00	
17400.00	90.00	357.48	11000.01	5932.81	-1221.02	6040.56	0.00	
17500.00	90.00	357.48	11000.01	6032.71	-1225.42	6140.20	0.00	
17600.00	90.00	357.48	11000.01	6132.61	-1229.82	6239.84	0.00	
17700.00	90.00	357.48	11000.01	6232.52	-1234.21	6339.48	0.00	
17800.00	90.00	357.48	11000.01	6332.42	-1238.61	6439.12	0.00	
17900.00	90.00	357.48	11000.01	6432.32	-1243.01	6538.76	0.00	
18000.00	90.00	357.48	11000.01	6532.23	-1247.40	6638.40	0.00	
18100.00	90.00	357.48	11000.01	6632.13	-1251.80	6738.04	0.00	
18200.00	90.00	357.48	11000.01	6732.03	-1256.20	6837.68	0.00	
18300.00	90.00	357.48	11000.01	6831.94	-1260.60	6937.32	0.00	
18400.00	90.00	357.48	11000.01	6931.84	-1264.99	7036.95	0.00	
18500.00	90.00	357.48	11000.01	7031.74	-1269.39	7136.59	0.00	
18600.00	90.00	357.48	11000.01	7131.65	-1273.79	7236.23	0.00	
18700.00	90.00	357.48	11000.01	7231.55	-1278.19	7335.87	0.00	
18800.00	90.00	357.48	11000.01	7331.45	-1282.58	7435.51	0.00	
18900.00	90.00	357.48	11000.01	7431.36	-1286.98	7535.15	0.00	
19000.00	90.00	357.48	11000.01	7531.26	-1291.38	7634.79	0.00	
19100.00	90.00	357.48	11000.01	7631.16	-1295.78	7734.43	0.00	
19200.00	90.00	357.48	11000.01	7731.07	-1300.17	7834.07	0.00	
19300.00	90.00	357.48	11000.01	7830.97	-1304.57	7933.71	0.00	
19400.00	90.00	357.48	11000.01	7930.87	-1308.97	8033.35	0.00	
19500.00	90.00	357.48	11000.01	8030.78	-1313.36	8132.99	0.00	
19600.00	90.00	357.48	11000.01	8130.68	-1317.76	8232.63	0.00	
19700.00	90.00	357.48	11000.01	8230.58	-1322.16	8332.27	0.00	

SERPENTINE 2-26 St Fed Com 30H



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MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
19800.00	90.00	357.48	11000.01	8330.49	-1326.56	8431.91	0.00	
19900.00	90.00	357.48	11000.01	8430.39	-1330.95	8531.55	0.00	
20000.00	90.00	357.48	11000.01	8530.29	-1335.35	8631.18	0.00	
20100.00	90.00	357.48	11000.01	8630.20	-1339.75	8730.82	0.00	
20200.00	90.00	357.48	11000.01	8730.10	-1344.15	8830.46	0.00	
20300.00	90.00	357.48	11000.01	8830.00	-1348.54	8930.10	0.00	
20400.00	90.00	357.48	11000.01	8929.91	-1352.94	9029.74	0.00	
20500.00	90.00	357.48	11000.01	9029.81	-1357.34	9129.38	0.00	
20600.00	90.00	357.48	11000.01	9129.71	-1361.74	9229.02	0.00	
20700.00	90.00	357.48	11000.01	9229.62	-1366.13	9328.66	0.00	
20800.00	90.00	357.48	11000.01	9329.52	-1370.53	9428.30	0.00	
20900.00	90.00	357.48	11000.01	9429.42	-1374.93	9527.94	0.00	
21000.00	90.00	357.48	11000.01	9529.33	-1379.32	9627.58	0.00	
21100.00	90.00	357.48	11000.01	9629.23	-1383.72	9727.22	0.00	
21200.00	90.00	357.48	11000.01	9729.13	-1388.12	9826.86	0.00	
21300.00	90.00	357.48	11000.01	9829.04	-1392.52	9926.50	0.00	
21400.00	90.00	357.48	11000.01	9928.94	-1396.91	10026.14	0.00	
21500.00	90.00	357.48	11000.01	10028.84	-1401.31	10125.78	0.00	
21600.00	90.00	357.48	11000.01	10128.75	-1405.71	10225.41	0.00	
21700.00	90.00	357.48	11000.01	10228.65	-1410.11	10325.05	0.00	
21800.00	90.00	357.48	11000.01	10328.55	-1414.50	10424.69	0.00	
21900.00	90.00	357.48	11000.01	10428.46	-1418.90	10524.33	0.00	
22000.00	90.00	357.48	11000.01	10528.36	-1423.30	10623.97	0.00	
22100.00	90.00	357.48	11000.01	10628.26	-1427.70	10723.61	0.00	
22200.00	90.00	357.48	11000.02	10728.17	-1432.09	10823.25	0.00	
22300.00	90.00	357.48	11000.02	10828.07	-1436.49	10922.89	0.00	
22400.00	90.00	357.48	11000.02	10927.97	-1440.89	11022.53	0.00	
22500.00	90.00	357.48	11000.02	11027.87	-1445.28	11122.17	0.00	
22599.58	90.00	357.48	11000.02	11127.36	-1449.66	11221.39	0.00	Exit
22600.00	90.00	357.48	11000.02	11127.78	-1449.68	11221.81	0.00	
22679.58	90.00	357.48	11000.00	11207.28	-1453.12	11301.10	0.00	BHL

SERPENTINE 2-26 St Fed Com 30H

Well: SERPENTINE 2-26 St Fed Com 30H

County: Lea

Wellbore: Permit Plan

Design: Permit Plan #1

Geodetic System: US State Plane 1983

Datum: North American Datum 1927

Ellipsoid: Clarke 1866

Zone: 3001 - NM East (NAD83)

MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	

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

State of New Mexico
Energy, Minerals & 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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 7320	Pool Name BRINNINSTOOL;BONE SPRING
Property Code	Property Name SERPENTINE 2-26 STATE FED COM	Well Number 30H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3549.8'

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	2	23-S	33-E		642	SOUTH	313	EAST	LEA

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
O	26	22-S	33-E		1300	SOUTH	1680	EAST	LEA

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
679.58			

**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**

SERPENTINE 2-26 STATE FED COM 30H

EL:3549.8'
LAT:32.328202
LON:103.536636
N:484049.23
E:787732.81

FIRST TAKE POINT

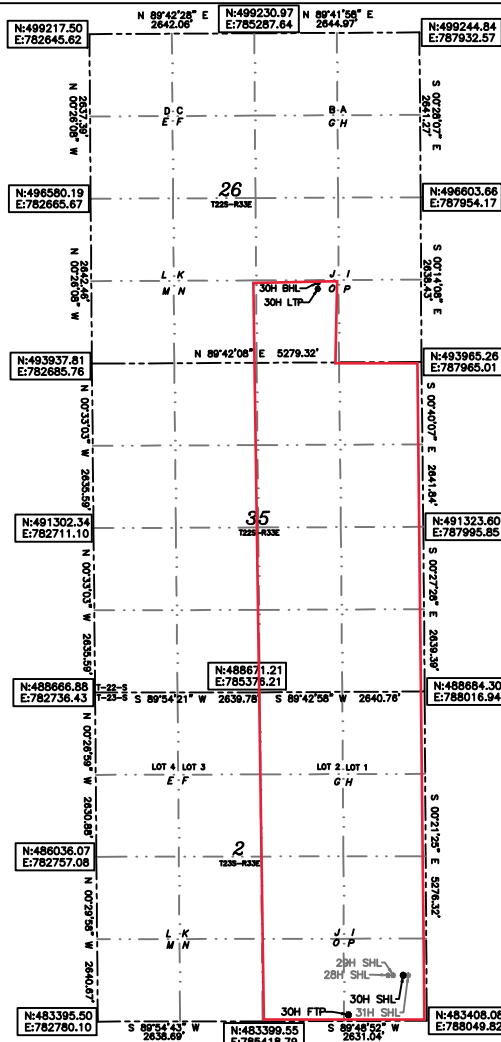
100' FSL 1250' FEL SEC. 2
LAT:32.326722
LON:103.536671
N:483504.03
E:786799.19

LAST TAKE POINT

1220' FSL 1680' FEL SEC. 26
LAT:32.358816
LON:103.540072
N:495176.51
E:786280.02

BOTTOM OF HOLE

LAT:32.359036
LON:103.540071
N:495256.51
E:786279.69



Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

OPERATOR CERTIFICATION

I hereby certify that the information 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Chelsey Green 5/27/22
Signature Date

Chelsey Green

Printed Name

chelsey.green@dvn.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.

10/8/2021

Date of Survey

Signature & Seal of Professional Surveyor



REV: 05/26/22

Certificate No. 22404

B.L. LAMAN

DRAWN BY: CM

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

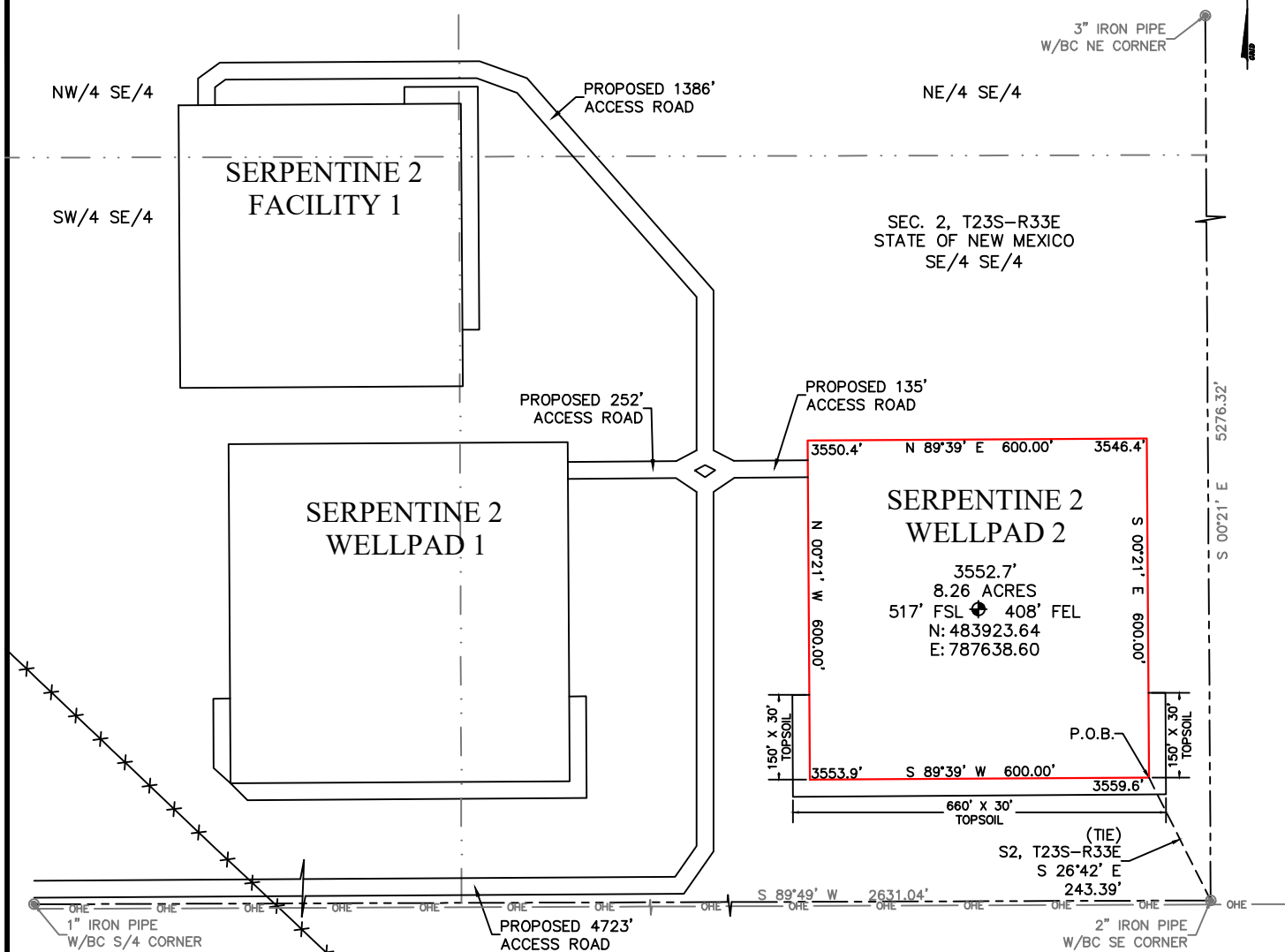
Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

SERPENTINE 2 WELLPAD 2
DEVON ENERGY PRODUCTION COMPANY, L.P.
AND THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER (SE/4 SE/4)
SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, NEW MEXICO



DESCRIPTION

BEING A SURFACE SITE EASEMENT LYING IN THE SOUTHEAST QUARTER OF THE SOUTHEAST QUARTER (SE/4 SE/4) OF SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST N.M.P.M., LEA COUNTY, NEW MEXICO.

BEGINNING AT THE SOUTHEAST CORNER OF SAID SITE EASEMENT, WHERE A 2" IRON PIPE W/BC FOR THE SOUTHEAST CORNER OF SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST N.M.P.M. BEARS S 26°42' E, A DISTANCE 243.39';

THENCE S 89°39' W, A DISTANCE 600.00 FEET TO THE SOUTHWEST CORNER OF THIS EASEMENT;
 THENCE N 00°21' W, A DISTANCE 600.00 FEET TO THE NORTHWEST CORNER OF THIS EASEMENT;
 THENCE N 89°39' E, A DISTANCE 600.00 FEET TO THE NORTHEAST CORNER OF THIS EASEMENT;
 THENCE S 00°21' E, A DISTANCE 600.00 FEET TO THE SOUTHEAST CORNER OF THIS EASEMENT,
 TO THE POINT OF BEGINNING; CONTAINING 8.26 ACRES.

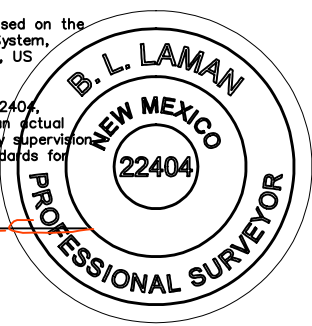
GENERAL NOTES:

1.) THE INTENT OF THIS SURVEY IS TO ACQUIRE A BUSINESS LEASE FOR THE PURPOSE OF BUILDING A WELLPAD.

2.) All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

B.L. Laman
 Horizonrow, LLC
 Date Signed: 10-15-2021
 P.O. Box 548, Dry Creek, La.
 (903) 388-3045 70637
 Employee of Horizonrow, LLC



DIRECTIONS TO LOCATION
 FROM THE INTERSECTION OF NM 128 AND DELAWARE BASIN ROAD, HEAD NORTH ON DELAWARE BASIN ROAD FOR 6.0 MILES. TURN LEFT AND HEAD WEST ONTO AN ACCESS ROAD FOR 2.4 MILES. TURN RIGHT AND HEAD NORTH ONTO AN ACCESS ROAD FOR 2.0 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND EXIT THE SOUTHEAST CORNER OF A WELLPAD AND CONTINUE ONTO THE PROPOSED SERPENTINE 2 PRIMARY ACCESS ROAD FOR 0.9 OF A MILE TO THE BEGINNING OF THE PROPOSED SERPENTINE 2 WELLPAD 2 ACCESS ROAD. HEAD EAST FOR 135' TO THE NORTHWEST CORNER OF THE SERPENTINE 2 WELLPAD 2.

0 300 600



HORIZON ROW LLC

Drawn for:

Drawn by:
CHRIS MAAS

Date: 10/13/2021

DEVON ENERGY PRODUCTION COMPANY, L.P.

SERPENTINE 2 WELLPAD 2

SURVEY PLAT SHOWING
 A WELLPAD
 ON THE PROPERTY OF THE
 STATE OF NEW MEXICO

SITE NUMBER:
AA000504610

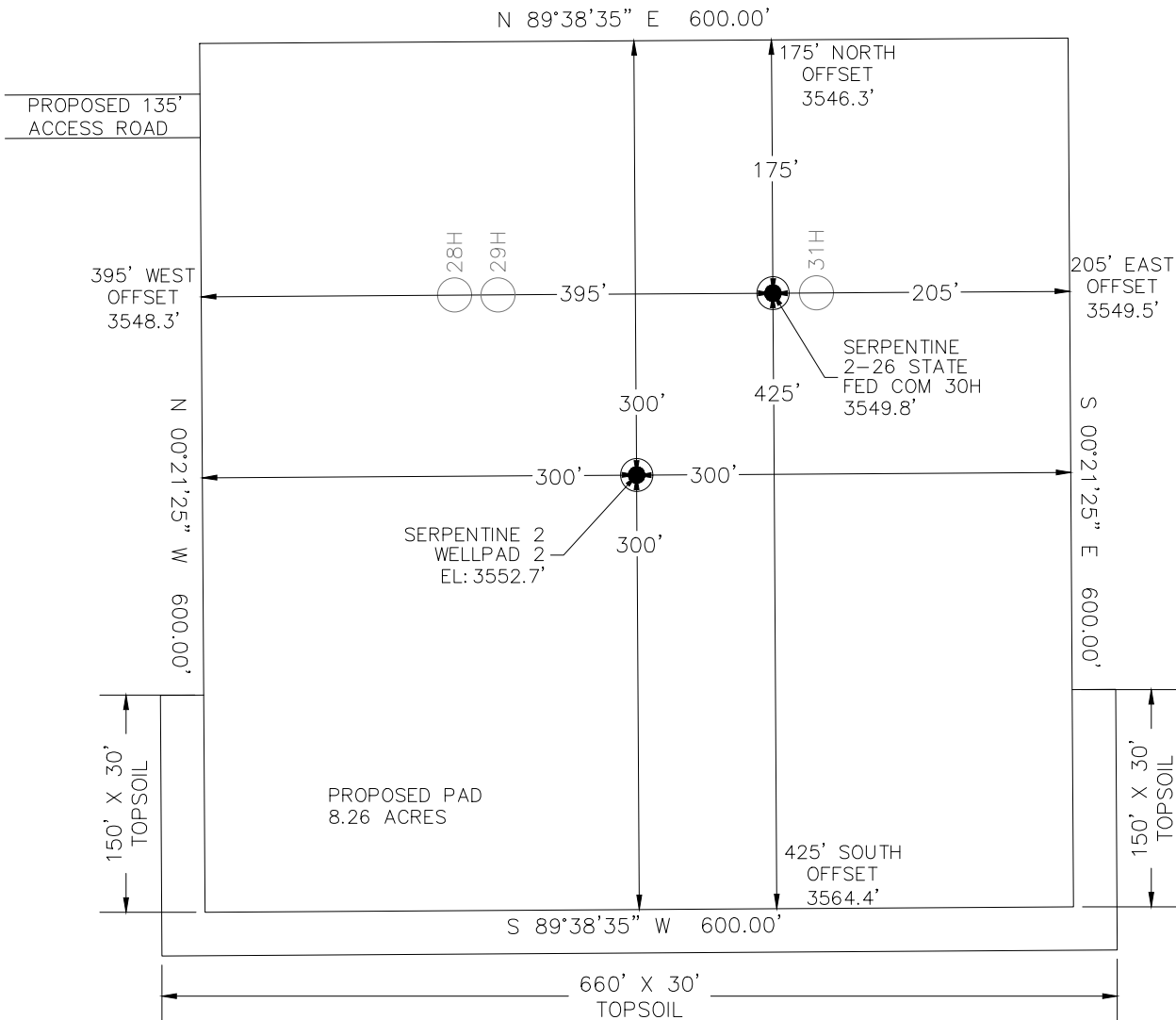
WBS NUMBER:

SCALE:
1" = 300'

REVISIONS:

DATE OF SURVEY:
06/25/21

SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO SITE MAP



SERPENTINE 2-35 STATE FED COM 28H
642' FSL 533' FEL SEC. 2
EL: 3547.9'
N: 484047.86
E: 787512.82

SERPENTINE 2-35 STATE FED COM 29H
642' FSL 503' FEL SEC. 2
EL: 3548.9'
N: 484048.04
E: 787542.82

SERPENTINE 2-26 STATE FED COM 30H
642' FSL 313' FEL SEC. 2
EL: 3549.8'
N: 484049.23
E: 787732.81

SERPENTINE 2-35 STATE FED COM 31H
642' FSL 283' FEL SEC. 2
EL: 3549.4'
N: 484049.42
E: 787762.81

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF NM 128 AND DELAWARE BASIN ROAD, HEAD NORTH ON DELAWARE BASIN ROAD FOR 6.0 MILES. TURN LEFT AND HEAD WEST ONTO AN ACCESS ROAD FOR 2.4 MILES. TURN RIGHT AND HEAD NORTH ONTO AN ACCESS ROAD FOR 2.0 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND EXIT THE SOUTHEAST CORNER OF A WELLPAD AND CONTINUE ONTO THE PROPOSED SERPENTINE 2 PRIMARY ACCESS ROAD FOR 0.9 OF A MILE TO THE BEGINNING OF THE PROPOSED SERPENTINE 2 WELLPAD 2 ACCESS ROAD. HEAD EAST FOR 135' TO THE NORTHWEST CORNER OF THE SERPENTINE 2 WELLPAD 2.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

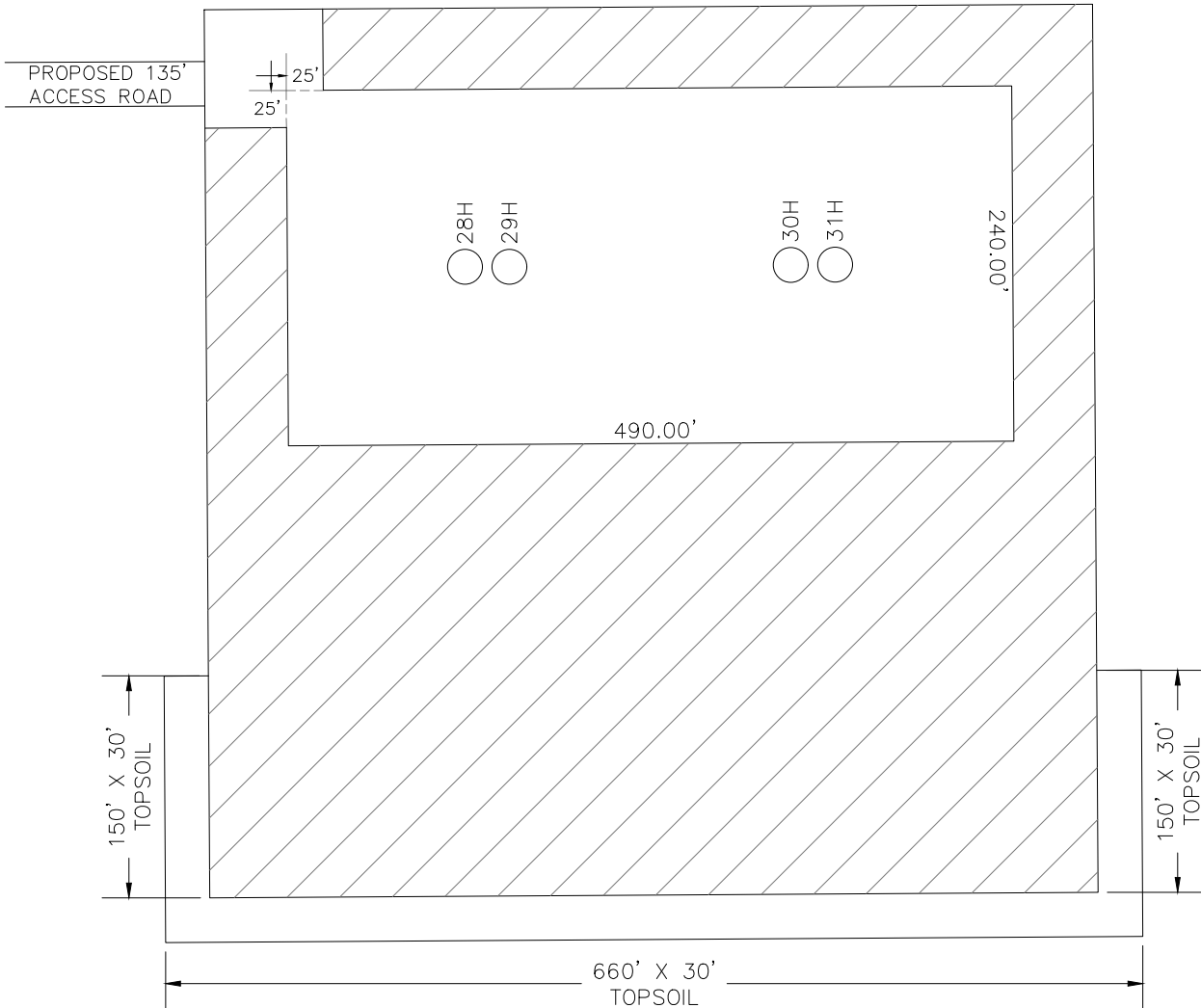
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

Drawn for:



SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
INTERIM SITE BUILD PLAN
SERPENTINE 2 WELLPAD 2



 DENOTES INTERIM PAD RECLAMATION AREA

5.43 ± ACRES INTERIM PAD RECLAMATION AREA

2.83 ± ACRES NON-RECLAIMED AREA

8.26 ± ACRES GRADING SITE RECLAMATION AREA



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

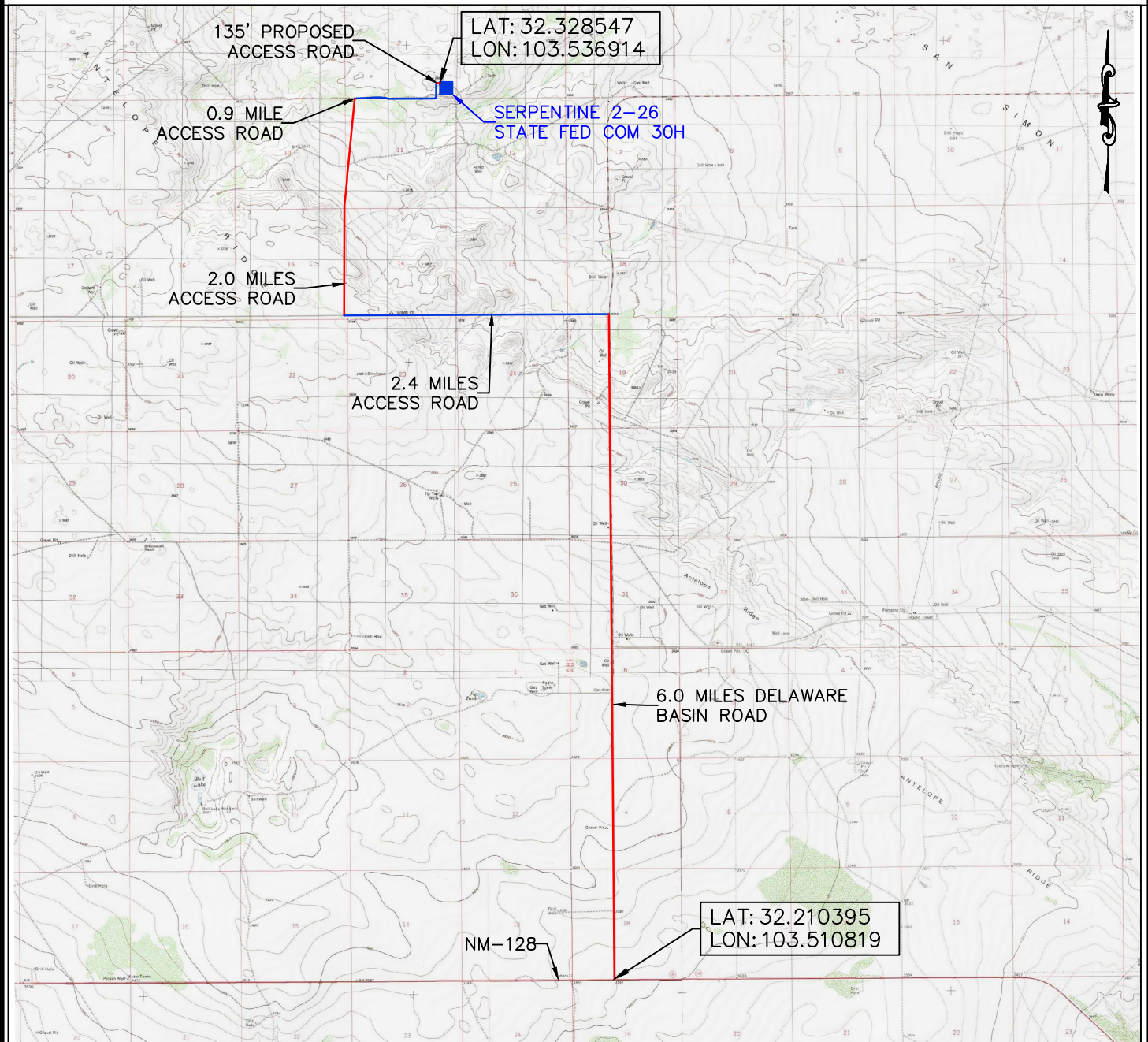
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

Drawn for:


devon

SECTION 2 TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. LEA COUNTY, STATE OF NEW MEXICO VICINITY MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

FROM THE INTERSECTION OF NM 128 AND DELAWARE BASIN ROAD, HEAD NORTH ON DELAWARE BASIN ROAD FOR 6.0 MILES. TURN LEFT AND HEAD WEST ONTO AN ACCESS ROAD FOR 2.4 MILES. TURN RIGHT AND HEAD NORTH ONTO AN ACCESS ROAD FOR 2.0 MILES. TURN RIGHT ONTO AN ACCESS ROAD AND EXIT THE SOUTHEAST CORNER OF A WELLPAD AND CONTINUE ONTO THE PROPOSED SERPENTINE 2 PRIMARY ACCESS ROAD FOR 0.9 OF A MILE TO THE BEGINNING OF THE PROPOSED SERPENTINE 2 WELLPAD 2 ACCESS ROAD. HEAD EAST FOR 135' TO THE NORTHWEST CORNER OF THE SERPENTINE 2 WELLPAD 2.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

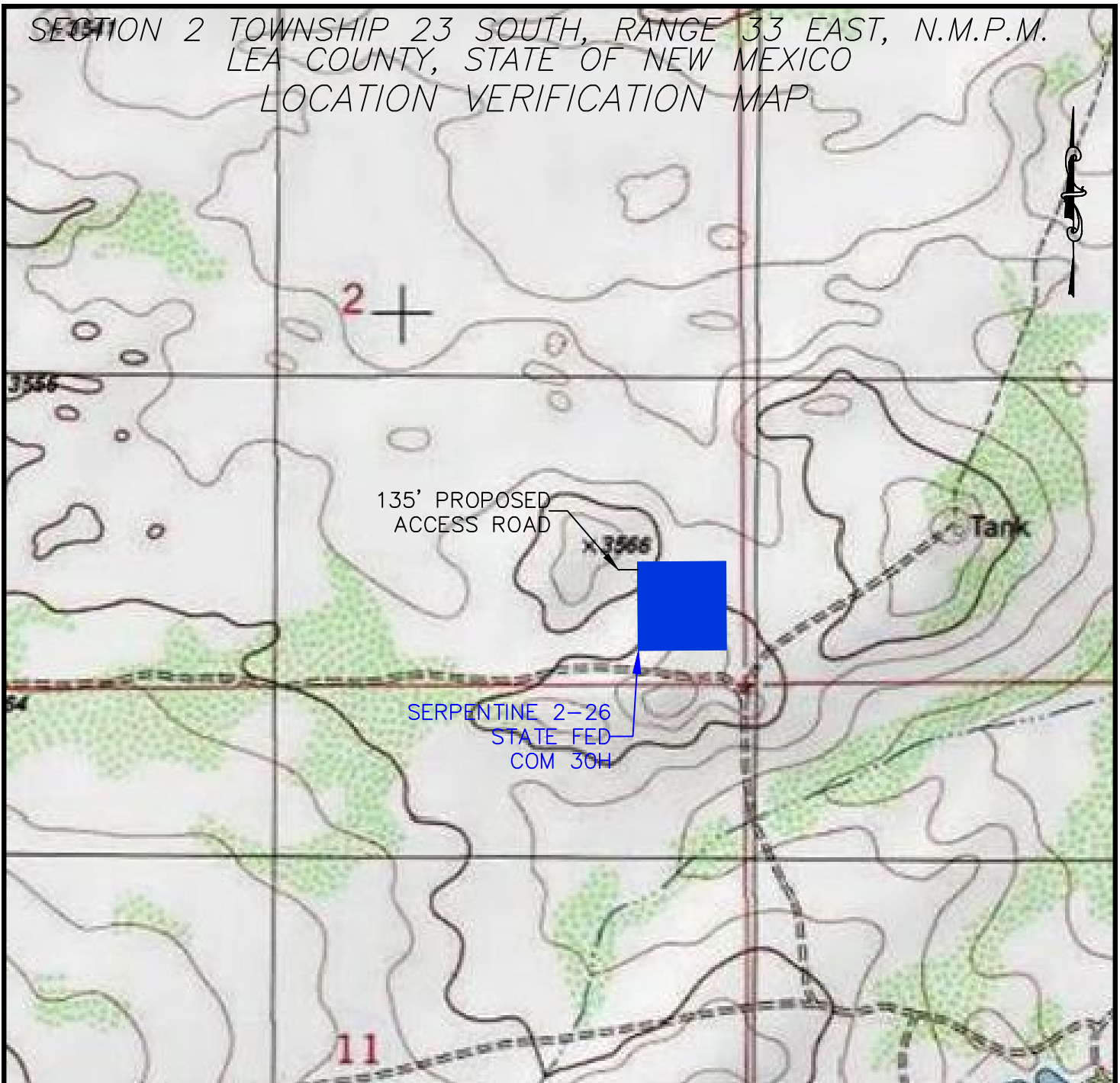
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

Drawn for:

devon

SECTION 2 TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

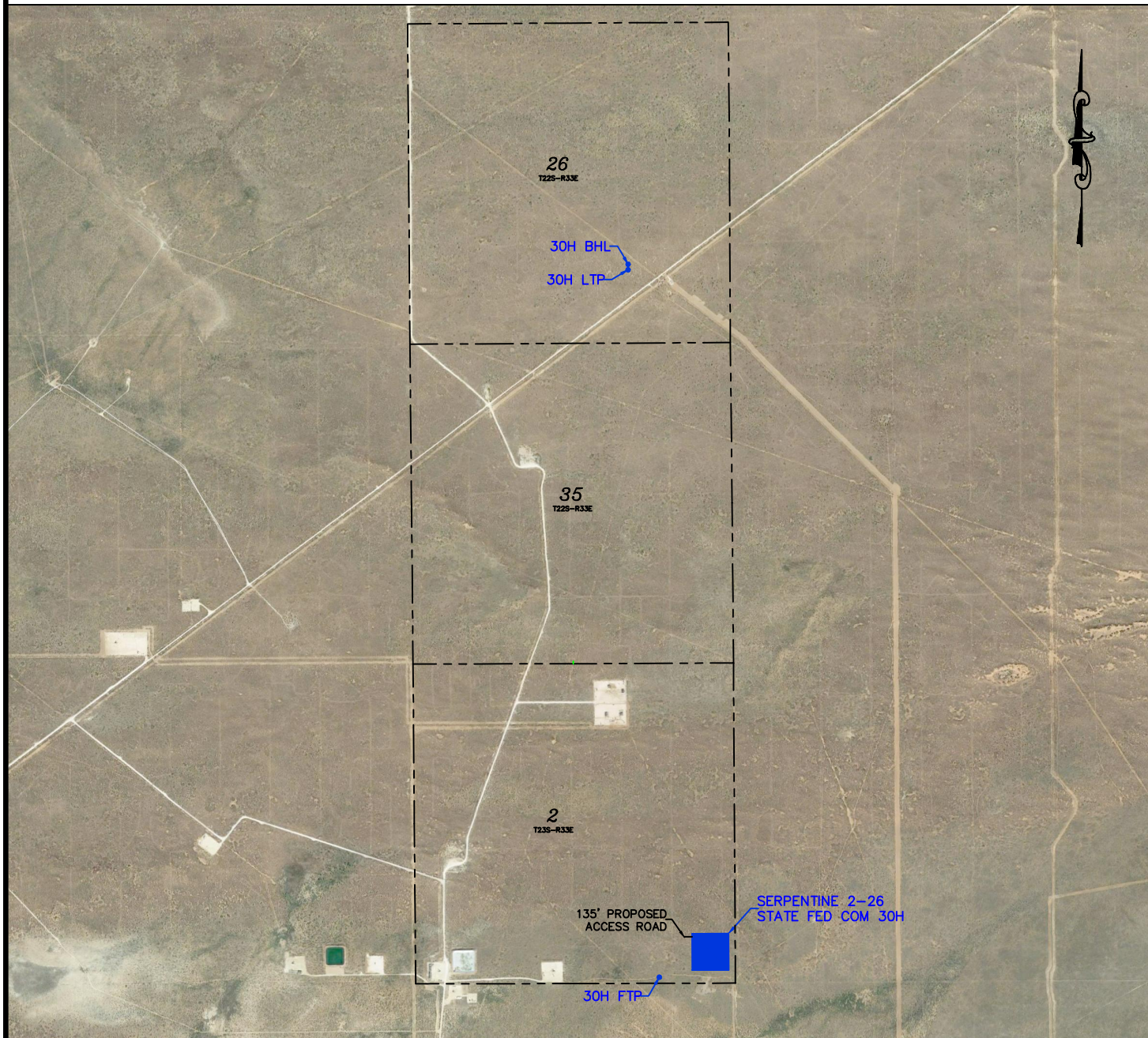
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

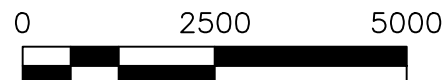
Drawn for:

devon

SECTION 2 TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

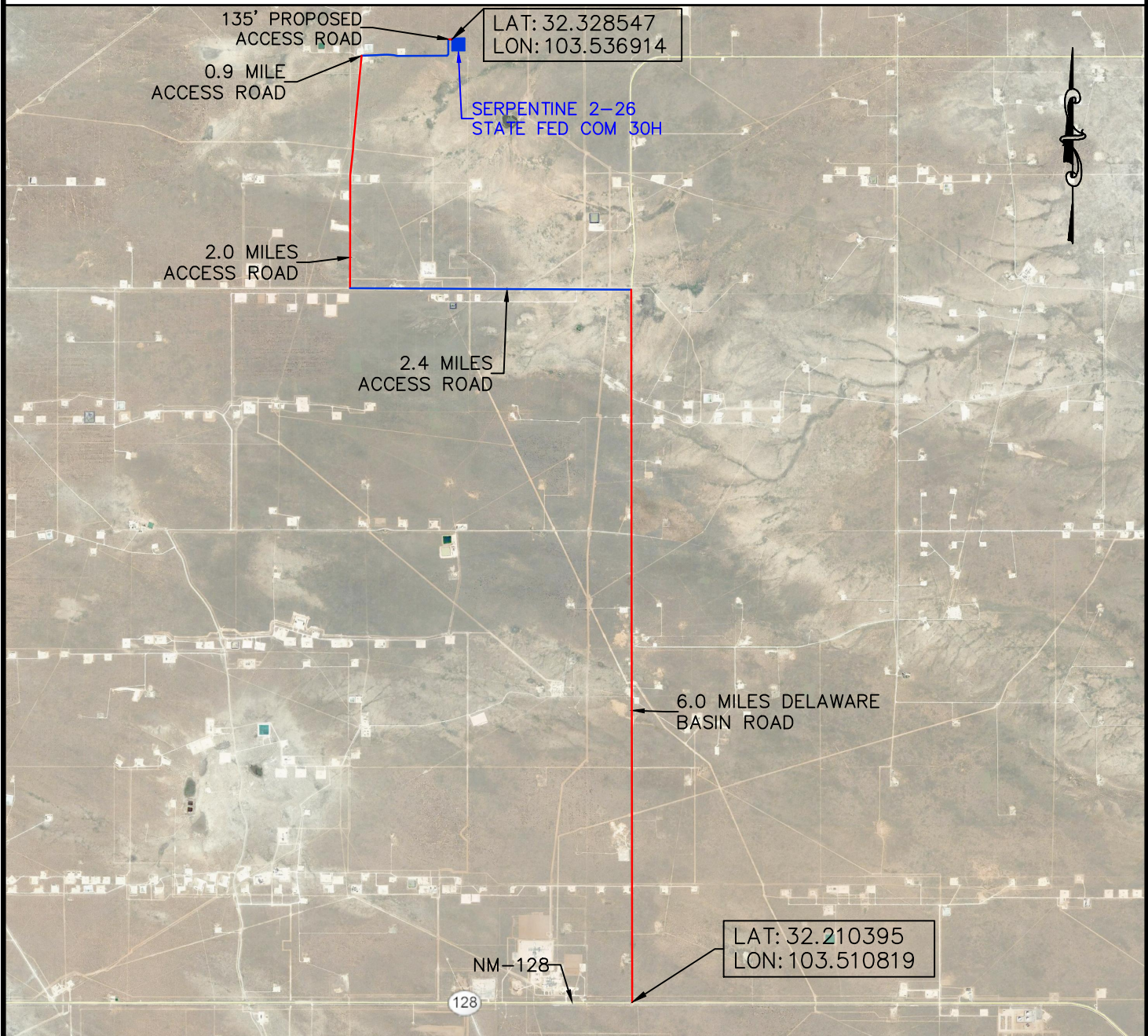
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 05/26/2022

Drawn for:

devon

SECTION 2 TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

NOT TO SCALE

HORIZON ROW LLC

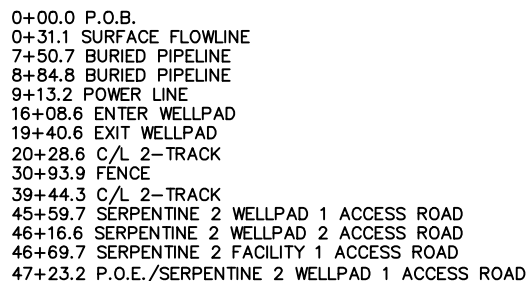
DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

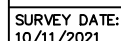
Drawn for:

devon



LINE	BEARING	DISTANCE
L1	N 86°52' E	621.85'
L2	N 86°50' E	375.38'
L3	N 89°29' E	174.22'
L4	S 88°16' E	144.82'
L5	S 80°04' E	123.00'
L6	S 77°03' E	97.59'
L7	S 83°36' E	52.40'
L8	N 89°39' E	2252.16'
L9	N 35°08' E	78.82'
L10	N 00°00' W	639.47'
L11	N 55°50' E	56.92'
L12	N 62°29' W	53.10'
L13	S 62°02' W	53.51'

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



**SECTION 2, T23S-R33E, N.M.P.M.,
EDDY COUNTY, NEW MEXICO**

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southwest quarter of the southwest quarter (SW/4 SW/4) and the southeast quarter of the southwest quarter (SE/4 SW/4) and the southwest quarter of the southeast quarter (SW/4 SE/4) and the southeast quarter of the southeast quarter (SE/4 SE/4) of Section 2, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 2" iron pipe w/BC found for the southwest corner of Section 2;

Thence N 87°22' E, a distance of 495.01' to the **Point of Beginning** of this easement, having coordinates of Northing=483418.23 feet, Easting=783274.59 feet, and continuing the following courses;

Thence N 86°52' E a distance of 621.85' to an angle point;
Thence N 86°50' E a distance of 375.38' to an angle point;
Thence N 89°29' E a distance of 174.22' to an angle point;
Thence S 88°16' E a distance of 144.82' to an angle point;
Thence S 80°04' E a distance of 123.00' to an angle point;
Thence S 77°03' E a distance of 97.59' to an angle point;
Thence S 83°36' E a distance of 52.40' to an angle point;
Thence N 89°39' E a distance of 2252.16' to an angle point;
Thence N 35°06' E a distance of 78.82' to an angle point;
Thence N 00°00' W a distance of 639.47' to an angle point;
Thence N 55°50' E a distance of 56.92' to an angle point;
Thence N 62°29' W a distance of 53.10' to an angle point;

Thence S 62°02' W a distance of 53.51' to the **Point of Ending** having coordinates of Northing=484170.41 feet, Easting=787107.80 feet from said point a 2" iron pipe w/BC found for the southeast corner of Section 2, T23S-R33E, N.M.P.M., Lea County, New Mexico bears S 51°01' E a distance of 1211.84', covering **4723.24' or 286.25 rods** and having an area of **3.25 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

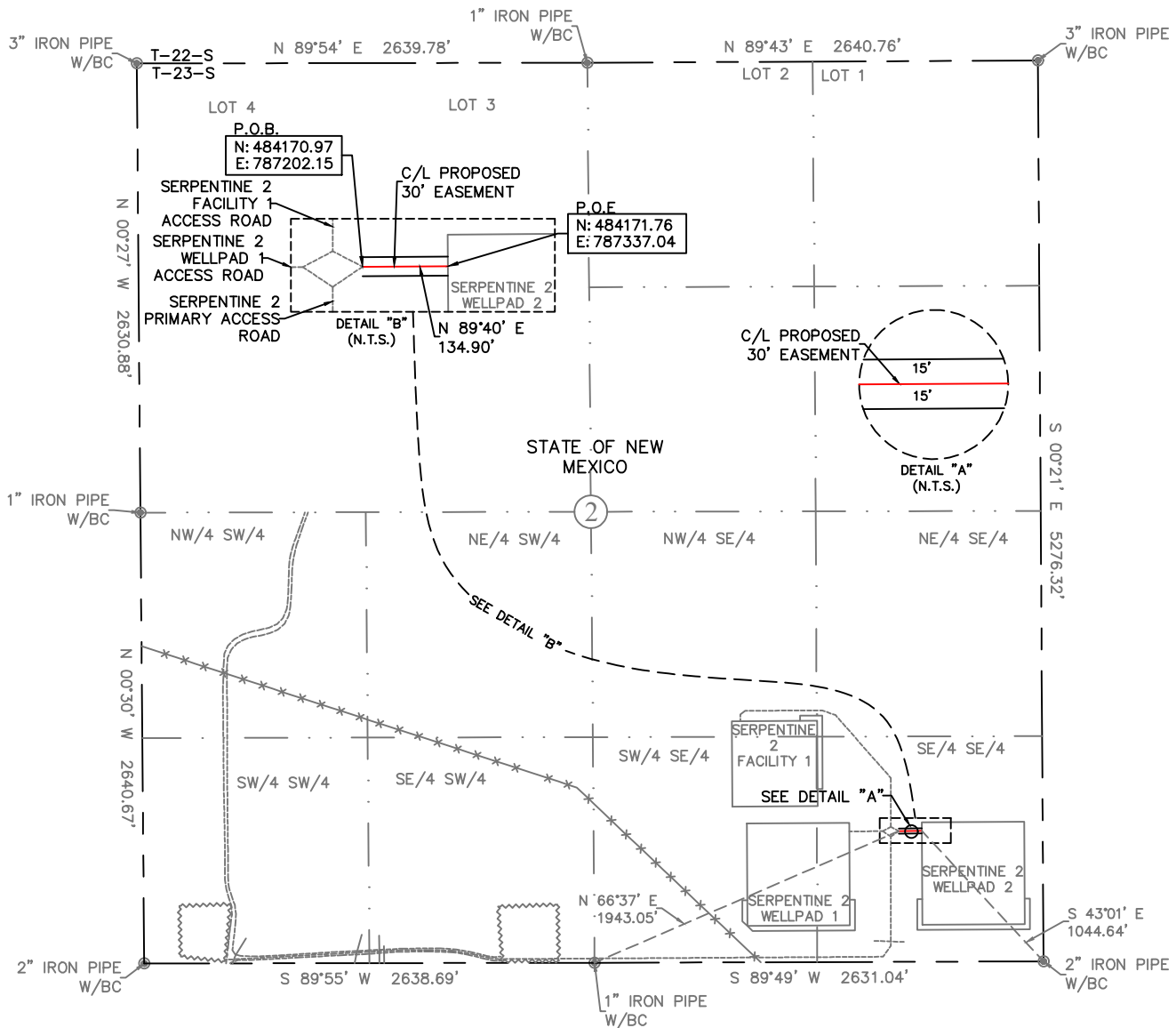
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 10/15/2021
Horizon Row, LLC
P.O. Box 548, Dry Creek, LA
(903) 388-3045 70637
Employee of Horizon Row, LLC



EXHIBIT "A"
SECTION 2, T23S-R33E, N.M.P.M.
LEA COUNTY, NEW MEXICO



0+00.0 P.O.B./SERPENTINE 2 PRIMARY ACCESS ROAD
1+34.9 P.O.E./SERPENTINE 2 WELLPAD 2

QUARTER/QUARTER	30' EASEMENT AREA	FEET	RODS
SE/4 SE/4	0.09 ACRES	134.90	8.18

SEE THE ATTACHED LEGAL DESCRIPTION

Note: All bearings recited herein are based on the New Mexico State Plane Coordinate System, NAD 83, New Mexico East Zone 3001, US Survey Feet, all distances are grid.

I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect the data made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.

0 1000 2000



HORIZON ROW LLC

Drawn for:

devon

Drawn by:
CHRIS MAAS

Date: 10/13/2021

DEVON ENERGY PRODUCTION COMPANY, L.P.

SERPENTINE 2 WELLPAD 2
ACCESS ROAD

PROPOSED 30' EASEMENT
ON THE PROPERTY OF
STATE OF NEW MEXICO
SECTION 2, T23S-R33E, N.M.P.M.

LINE NUMBER:
7610324R

WBS NUMBER:

SCALE:
1" = 1000'

REVISIONS:

SURVEY DATE:
10/11/2021

B.L. Laman, PLS #22404
Date Signed: 10-15-2021
P.O. Box 548, Dry Creek, LA. 70637
(903) 388-3045
Employee of Horizonrow, LLC

**SECTION 2, T23S-R33E, N.M.P.M.,
EDDY COUNTY, NEW MEXICO**

LEGAL DESCRIPTION

FOR

DEVON ENERGY PRODUCTION COMPANY, L.P.

STATE OF NEW MEXICO

30' EASEMENT DESCRIPTION:

BEING an easement thirty (30) feet in width lying fifteen (15) feet on the right side and fifteen (15) feet on the left side of the survey centerline described below, being out of the southeast quarter of the southeast quarter (SE/4 SE/4) of Section 2, Township 23 South, Range 33 East, N.M.P.M., Lea County, New Mexico, and being out of a parcel of land owned by the State of New Mexico. Said centerline of easement being more particularly described as follows:

Commencing from a 1" iron pipe w/BC found for the south quarter corner of Section 2;

Thence N 66°37' E, a distance of 1943.05' to the **Point of Beginning** of this easement, having coordinates of Northing=484170.97 feet, Easting=787202.15 feet, and continuing the following course;

Thence N 89°40' E a distance of 134.90' to the **Point of Ending** having coordinates of Northing=484171.76 feet, Easting=787337.04 feet from said point a 2" iron pipe w/BC found for the southeast corner of Section 2, T23S-R33E, N.M.P.M., Lea County, New Mexico bears S 43°01' E a distance of 1044.64', covering **134.90' or 8.18 rods** and having an area of **0.09 acres**.

NOTES:

Bearings, distances and coordinates shown herein are based on New Mexico State Plane Coordinate System, NAD 83, East Zone 3001, US Survey Feet, all distances are grid.

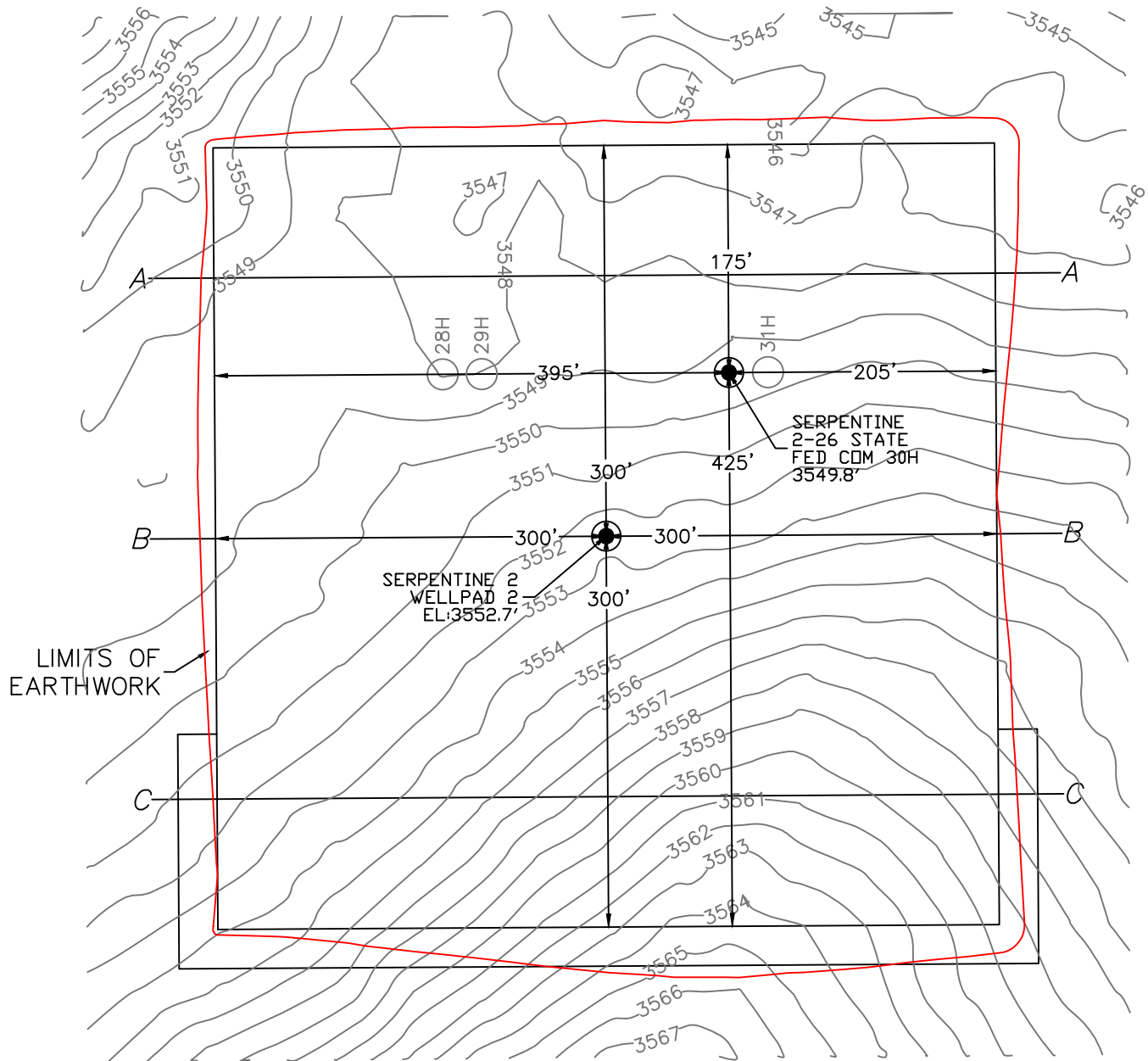
I, B.L. Laman, New Mexico PLS No. 22404, hereby certify this survey to reflect an actual survey made on the ground under my supervision. This survey meets the minimum standards for surveying in New Mexico.



B.L. Laman PLS 22404
Date Signed: 10/15/2021
Horizon Row, LLC
P.O. Box 548, Dry Creek, LA
(903) 388-3045 70637
Employee of Horizon Row, LLC



SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
PLAN VIEW



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



EARTHWORK QUANTITIES FOR
SERPENTINE 2 WELLPAD 2

CUT	FILL	NET
27,550 CY	27,550 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

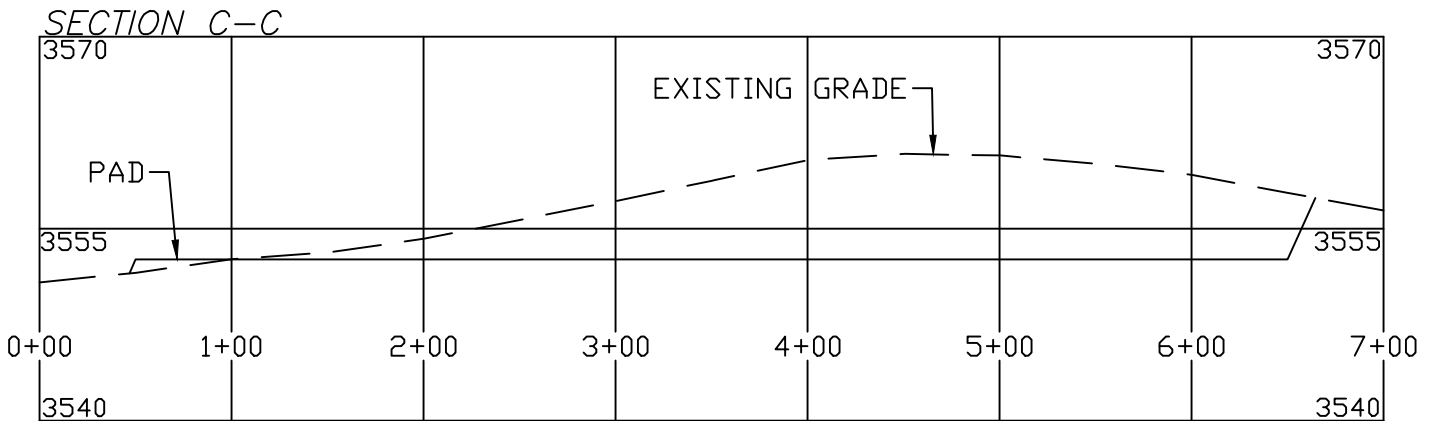
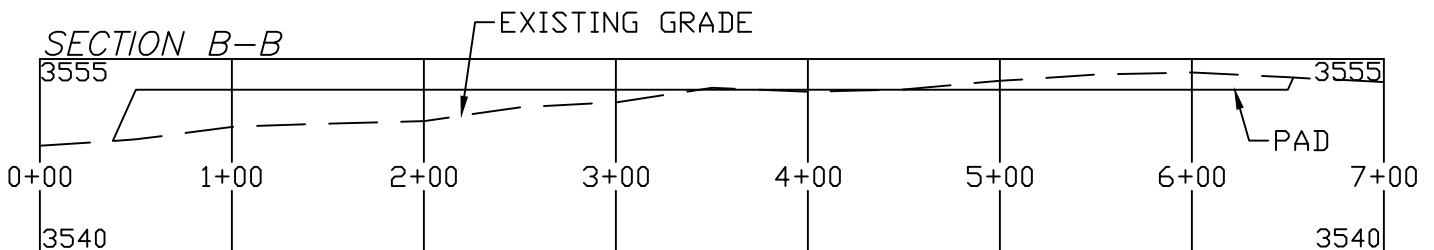
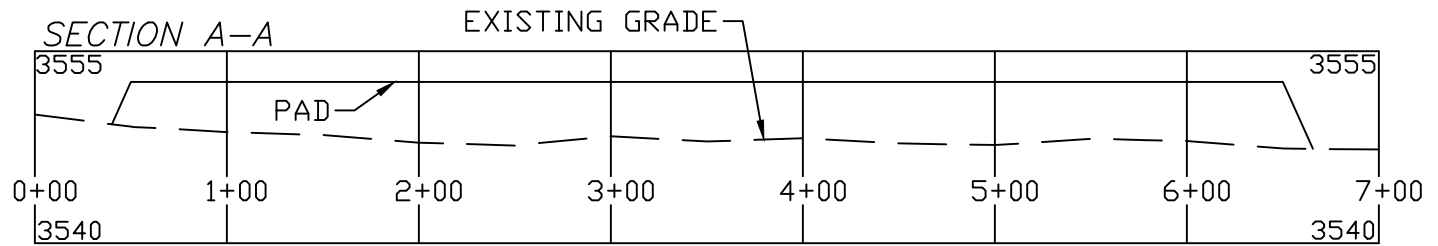
Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

Drawn for:



SECTION 2, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
CROSS SECTIONS



DEVON ENERGY PRODUCTION COMPANY, L.P.
SERPENTINE 2-26 STATE FED COM 30H
LOCATED 642 FT. FROM THE SOUTH LINE
AND 313 FT. FROM THE EAST LINE OF
SECTION 2, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

SCALE 1" = 100' HORIZONTAL
SCALE 1" = 15' VERTICAL

EARTHWORK QUANTITIES FOR
SERPENTINE 2 WELLPAD 2

CUT	FILL	NET
27,550 CY	27,550 CY	0 CY

EARTHWORK QUANTITIES ARE ESTIMATED

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 10/21/2021
REV: 5/2/2022

Drawn for:



PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

All Previous COAs Still Apply. Variance request procedure is approved as written, please see below general conditions for variance.

A. PRESSURE CONTROL

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 5M BOPE or less.
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted **(575-361-2822 Eddy County)** or **(575-393-3612 Lea County)** 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 14-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per Onshore Oil and Gas Order No. 2.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

☒ Eddy County

Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,
(575) 361-2822

☒ Lea County

Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)
393-3612

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - Notify the BLM when moving in and removing the Spudder Rig.
 - Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - BOP/BOPE test to be conducted per Onshore Oil and Gas Order No. 2 as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

A. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in Onshore Oil and Gas Order No. 2 and API RP 53 Sec. 17.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.
3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
 - a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
 - b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
 - c. Manufacturer representative shall install the test plug for the initial BOP test.
 - d. Whenever any seal subject to test pressure is broken, all the tests in OOGO2.III.A.2.i must be followed.
 - e. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
 - a. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including

lead when specified), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).

- b. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the plug. However, **no tests** shall commence until the cement has had a minimum of 24 hours setup time, except the casing pressure test can be initiated immediately after bumping the plug (only applies to single stage cement jobs).
- c. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to Onshore Order 2 with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
- d. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- e. The results of the test shall be reported to the appropriate BLM office.
- f. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- g. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- h. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per Onshore Order No. 2.

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 128063

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 128063
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	REQUIRES NSP	8/2/2022