

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

WELL API NO. 30-025-51524
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name BOA STATE COM
8. Well Number 705H
9. OGRID Number 6137
10. Pool name or Wildcat 5170 BELL LAKE; WOLFCAMP, NORTH
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3548

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY, LP	
3. Address of Operator 333 W SHERIDAN AVE OKLAHOMA CITY, OK 73102	
4. Well Location Unit Letter <u>B</u> : <u>445</u> feet from the <u>NORTH</u> line and <u>1778</u> feet from the <u>EAST</u> line Section <u>34</u> Township <u>22S</u> Range <u>33E</u> NMPM County <u>LEA</u>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3548	

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

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☐	REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐	ALTERING CASING ☐
PULL OR ALTER CASING ☐	COMMENCE DRILLING OPNS. ☐
DOWNHOLE COMMINGLE ☐	P AND A ☐
CLOSED-LOOP SYSTEM ☐	CASING/CEMENT JOB ☐
OTHER: ☐	OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Engineering Only - Devon Energy Production Company L.P. respectfully requests the following changes to the approved APD:

Casing program change to slim hole design: Surface, Intermediate, and Production Casing size changes.
Cement volume changes to accommodate casing change. Offline cement variance request.

Please see attached revised drilling & directional plans, and supporting documentation.

Spud Date:

Rig Release Date:

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

SIGNATURE Rebecca Deal TITLE REGULATORY PROFESSIONAL DATE 03/04/2024

Type or print name Rebecca Deal E-mail address: rebecca.deal@dnv.com PHONE: 405-228-8492

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

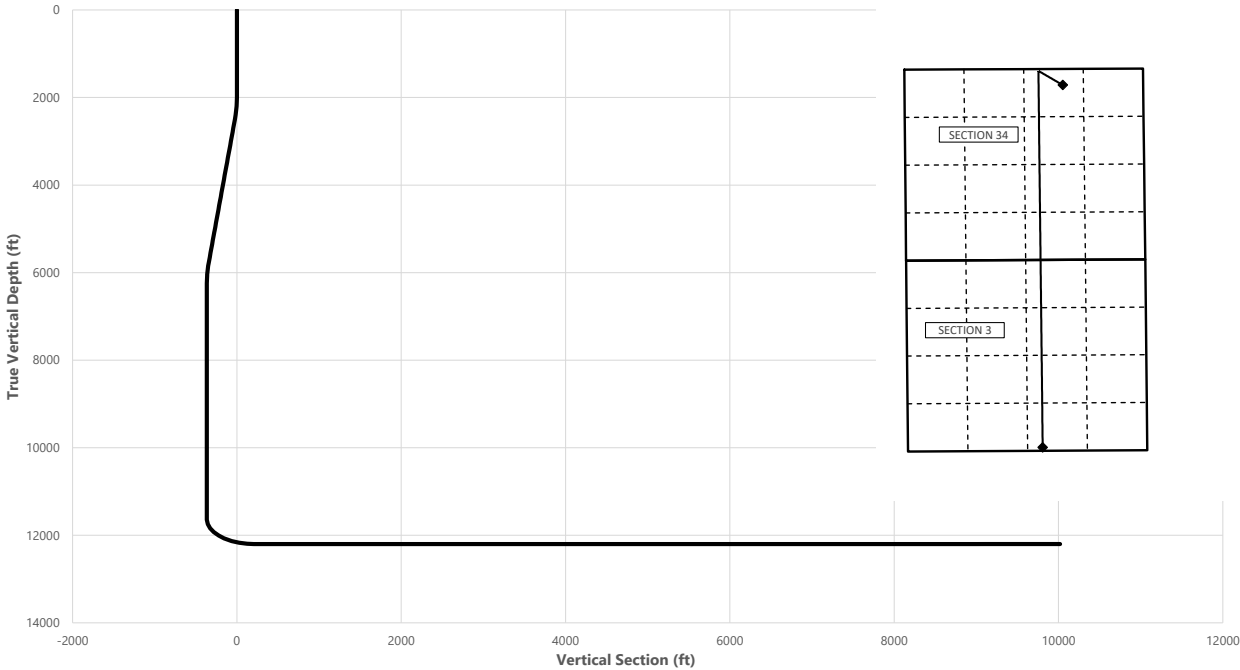
BOA STATE COM 705H



Well: BOA STATE COM 705H
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)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	306.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	306.00	2497.47	25.58	-35.21	-24.00	2.00	Hold Tangent
5823.96	10.00	306.00	5770.92	364.85	-502.17	-342.29	0.00	Drop to Vertical
6323.96	0.00	306.00	6268.39	390.43	-537.38	-366.29	2.00	Hold Vertical
11682.61	0.00	179.48	11627.04	390.43	-537.38	-366.29	0.00	KOP
12582.61	90.00	179.48	12200.00	-182.50	-532.18	205.86	10.00	Landing Point
22409.51	90.00	179.48	12200.00	-10009.00	-443.00	10018.80	0.00	BHL



Key Depths	MD	TVD
	(ft)	(ft)
Rustler	1012.00	1012.00
Salt	1236.00	1236.00
Base of Salt	5115.27	5073.00
Delaware	5115.27	5073.00
Cherry Canyon	6119.39	6064.00
Brushy Canyon	7440.57	7385.00
1st Bone Spring Lime	8986.57	8931.00
Bone Spring 1st	10125.57	10070.00
Bone Spring 2nd	10681.57	10626.00
3rd Bone Spring Lime	11140.57	11085.00
Bone Spring 3rd	11807.55	11751.00
Wolfcamp / Point of Penetration	12192.11	12072.00
exit	22329.51	12200.01

	MD	TVD	Lat	Long	Section Footages
	(ft)	(ft)	(°)	(°)	
SHL	0.00	0.00	32.3542	-103.5576	445' FNL, 1778' FEL of Sec 34 in T22S, R33E
KOP	11682.61	11627.04	32.3553	-103.5593	51' FNL, 2311' FEL of Sec 34 in T22S, R33E
Point of Penetration	12192.11	12072.00	32.3552	-103.5592	100' FNL, 2310' FEL of Sec 34 in T22S, R33E
Exit	22329.51	12200.01	32.3268	-103.5916	100' FSL, 2310' FEL of Sec 3 in T23S, R33E
BHL	22409.51	12200.00	32.3267	-103.5592	20' FSL, 2310' FEL of Sec 3 in T23S, R33E
	Y	X	MD		
KOP	493873.4	780375	11682.61		

BOA STATE COM 705H



Well: BOA STATE COM 705H
 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
100.00	0.00	306.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	306.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	306.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	306.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	306.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	306.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	306.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	306.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	306.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	306.00	1000.00	0.00	0.00	0.00	0.00	
1012.00	0.00	306.00	1012.00	0.00	0.00	0.00	0.00	Rustler
1100.00	0.00	306.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	306.00	1200.00	0.00	0.00	0.00	0.00	
1236.00	0.00	306.00	1236.00	0.00	0.00	0.00	0.00	Salt
1300.00	0.00	306.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	306.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	306.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	306.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	306.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	306.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	306.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	306.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	306.00	2099.98	1.03	-1.41	-0.96	2.00	
2200.00	4.00	306.00	2199.84	4.10	-5.65	-3.85	2.00	
2300.00	6.00	306.00	2299.45	9.22	-12.70	-8.65	2.00	
2400.00	8.00	306.00	2398.70	16.39	-22.56	-15.37	2.00	
2500.00	10.00	306.00	2497.47	25.58	-35.21	-24.00	2.00	Hold Tangent
2600.00	10.00	306.00	2595.95	35.79	-49.26	-33.58	0.00	
2700.00	10.00	306.00	2694.43	46.00	-63.31	-43.15	0.00	
2800.00	10.00	306.00	2792.91	56.20	-77.36	-52.73	0.00	
2900.00	10.00	306.00	2891.39	66.41	-91.40	-62.30	0.00	
3000.00	10.00	306.00	2989.87	76.62	-105.45	-71.88	0.00	
3100.00	10.00	306.00	3088.35	86.82	-119.50	-81.45	0.00	
3200.00	10.00	306.00	3186.83	97.03	-133.55	-91.03	0.00	
3300.00	10.00	306.00	3285.31	107.24	-147.60	-100.60	0.00	
3400.00	10.00	306.00	3383.79	117.44	-161.65	-110.18	0.00	
3500.00	10.00	306.00	3482.27	127.65	-175.70	-119.76	0.00	
3600.00	10.00	306.00	3580.75	137.86	-189.74	-129.33	0.00	
3700.00	10.00	306.00	3679.23	148.06	-203.79	-138.91	0.00	
3800.00	10.00	306.00	3777.72	158.27	-217.84	-148.48	0.00	
3900.00	10.00	306.00	3876.20	168.48	-231.89	-158.06	0.00	
4000.00	10.00	306.00	3974.68	178.68	-245.94	-167.63	0.00	
4100.00	10.00	306.00	4073.16	188.89	-259.99	-177.21	0.00	
4200.00	10.00	306.00	4171.64	199.10	-274.03	-186.78	0.00	
4300.00	10.00	306.00	4270.12	209.30	-288.08	-196.36	0.00	
4400.00	10.00	306.00	4368.60	219.51	-302.13	-205.94	0.00	
4500.00	10.00	306.00	4467.08	229.72	-316.18	-215.51	0.00	
4600.00	10.00	306.00	4565.56	239.92	-330.23	-225.09	0.00	
4700.00	10.00	306.00	4664.04	250.13	-344.28	-234.66	0.00	
4800.00	10.00	306.00	4762.52	260.34	-358.33	-244.24	0.00	
4900.00	10.00	306.00	4861.00	270.54	-372.37	-253.81	0.00	
5000.00	10.00	306.00	4959.48	280.75	-386.42	-263.39	0.00	
5100.00	10.00	306.00	5057.97	290.96	-400.47	-272.96	0.00	
5115.27	10.00	306.00	5073.00	292.51	-402.62	-274.43	0.00	Base of Salt, Delaware
5200.00	10.00	306.00	5156.45	301.16	-414.52	-282.54	0.00	
5300.00	10.00	306.00	5254.93	311.37	-428.57	-292.11	0.00	
5400.00	10.00	306.00	5353.41	321.58	-442.62	-301.69	0.00	
5500.00	10.00	306.00	5451.89	331.78	-456.66	-311.27	0.00	
5600.00	10.00	306.00	5550.37	341.99	-470.71	-320.84	0.00	
5700.00	10.00	306.00	5648.85	352.20	-484.76	-330.42	0.00	
5800.00	10.00	306.00	5747.33	362.40	-498.81	-339.99	0.00	
5823.96	10.00	306.00	5770.92	364.85	-502.17	-342.29	0.00	Drop to Vertical
5900.00	8.48	306.00	5845.98	372.03	-512.05	-349.02	2.00	
6000.00	6.48	306.00	5945.12	379.68	-522.58	-356.20	2.00	
6100.00	4.48	306.00	6044.66	385.29	-530.31	-361.46	2.00	
6119.39	4.09	306.00	6064.00	386.14	-531.48	-362.26	2.00	Cherry Canyon
6200.00	2.48	306.00	6144.47	388.86	-535.22	-364.81	2.00	
6300.00	0.48	306.00	6244.43	390.37	-537.30	-366.23	2.00	
6323.96	0.00	306.00	6268.39	390.43	-537.38	-366.29	2.00	Hold Vertical

BOA STATE COM 705H



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Wellbore: Permit Plan
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MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
6400.00	0.00	179.48	6344.43	390.43	-537.38	-366.29	0.00	
6500.00	0.00	179.48	6444.43	390.43	-537.38	-366.29	0.00	
6600.00	0.00	179.48	6544.43	390.43	-537.38	-366.29	0.00	
6700.00	0.00	179.48	6644.43	390.43	-537.38	-366.29	0.00	
6800.00	0.00	179.48	6744.43	390.43	-537.38	-366.29	0.00	
6900.00	0.00	179.48	6844.43	390.43	-537.38	-366.29	0.00	
7000.00	0.00	179.48	6944.43	390.43	-537.38	-366.29	0.00	
7100.00	0.00	179.48	7044.43	390.43	-537.38	-366.29	0.00	
7200.00	0.00	179.48	7144.43	390.43	-537.38	-366.29	0.00	
7300.00	0.00	179.48	7244.43	390.43	-537.38	-366.29	0.00	
7400.00	0.00	179.48	7344.43	390.43	-537.38	-366.29	0.00	
7440.57	0.00	179.48	7385.00	390.43	-537.38	-366.29	0.00	Brushy Canyon
7500.00	0.00	179.48	7444.43	390.43	-537.38	-366.29	0.00	
7600.00	0.00	179.48	7544.43	390.43	-537.38	-366.29	0.00	
7700.00	0.00	179.48	7644.43	390.43	-537.38	-366.29	0.00	
7800.00	0.00	179.48	7744.43	390.43	-537.38	-366.29	0.00	
7900.00	0.00	179.48	7844.43	390.43	-537.38	-366.29	0.00	
8000.00	0.00	179.48	7944.43	390.43	-537.38	-366.29	0.00	
8100.00	0.00	179.48	8044.43	390.43	-537.38	-366.29	0.00	
8200.00	0.00	179.48	8144.43	390.43	-537.38	-366.29	0.00	
8300.00	0.00	179.48	8244.43	390.43	-537.38	-366.29	0.00	
8400.00	0.00	179.48	8344.43	390.43	-537.38	-366.29	0.00	
8500.00	0.00	179.48	8444.43	390.43	-537.38	-366.29	0.00	
8600.00	0.00	179.48	8544.43	390.43	-537.38	-366.29	0.00	
8700.00	0.00	179.48	8644.43	390.43	-537.38	-366.29	0.00	
8800.00	0.00	179.48	8744.43	390.43	-537.38	-366.29	0.00	
8900.00	0.00	179.48	8844.43	390.43	-537.38	-366.29	0.00	
8986.57	0.00	179.48	8931.00	390.43	-537.38	-366.29	0.00	1st Bone Spring Lime
9000.00	0.00	179.48	8944.43	390.43	-537.38	-366.29	0.00	
9100.00	0.00	179.48	9044.43	390.43	-537.38	-366.29	0.00	
9200.00	0.00	179.48	9144.43	390.43	-537.38	-366.29	0.00	
9300.00	0.00	179.48	9244.43	390.43	-537.38	-366.29	0.00	
9400.00	0.00	179.48	9344.43	390.43	-537.38	-366.29	0.00	
9500.00	0.00	179.48	9444.43	390.43	-537.38	-366.29	0.00	
9600.00	0.00	179.48	9544.43	390.43	-537.38	-366.29	0.00	
9700.00	0.00	179.48	9644.43	390.43	-537.38	-366.29	0.00	
9800.00	0.00	179.48	9744.43	390.43	-537.38	-366.29	0.00	
9900.00	0.00	179.48	9844.43	390.43	-537.38	-366.29	0.00	
10000.00	0.00	179.48	9944.43	390.43	-537.38	-366.29	0.00	
10100.00	0.00	179.48	10044.43	390.43	-537.38	-366.29	0.00	
10125.57	0.00	179.48	10070.00	390.43	-537.38	-366.29	0.00	Bone Spring 1st
10200.00	0.00	179.48	10144.43	390.43	-537.38	-366.29	0.00	
10300.00	0.00	179.48	10244.43	390.43	-537.38	-366.29	0.00	
10400.00	0.00	179.48	10344.43	390.43	-537.38	-366.29	0.00	
10500.00	0.00	179.48	10444.43	390.43	-537.38	-366.29	0.00	
10600.00	0.00	179.48	10544.43	390.43	-537.38	-366.29	0.00	
10681.57	0.00	179.48	10626.00	390.43	-537.38	-366.29	0.00	Bone Spring 2nd
10700.00	0.00	179.48	10644.43	390.43	-537.38	-366.29	0.00	
10800.00	0.00	179.48	10744.43	390.43	-537.38	-366.29	0.00	
10900.00	0.00	179.48	10844.43	390.43	-537.38	-366.29	0.00	
11000.00	0.00	179.48	10944.43	390.43	-537.38	-366.29	0.00	
11100.00	0.00	179.48	11044.43	390.43	-537.38	-366.29	0.00	
11140.57	0.00	179.48	11085.00	390.43	-537.38	-366.29	0.00	3rd Bone Spring Lime
11200.00	0.00	179.48	11144.43	390.43	-537.38	-366.29	0.00	
11300.00	0.00	179.48	11244.43	390.43	-537.38	-366.29	0.00	
11400.00	0.00	179.48	11344.43	390.43	-537.38	-366.29	0.00	
11500.00	0.00	179.48	11444.43	390.43	-537.38	-366.29	0.00	
11600.00	0.00	179.48	11544.43	390.43	-537.38	-366.29	0.00	
11682.61	0.00	179.48	11627.04	390.43	-537.38	-366.29	0.00	KOP
11700.00	1.74	179.48	11644.43	390.17	-537.38	-366.03	10.00	
11800.00	11.74	179.48	11743.61	378.45	-537.28	-354.32	10.00	
11807.55	12.49	179.48	11751.00	376.86	-537.26	-352.74	10.00	Bone Spring 3rd
11900.00	21.74	179.48	11839.25	349.69	-537.01	-325.60	10.00	
12000.00	31.74	179.48	11928.45	304.75	-536.61	-280.73	10.00	
12100.00	41.74	179.48	12008.48	245.01	-536.06	-221.07	10.00	
12192.11	50.95	179.48	12072.00	178.45	-535.46	-154.59	10.00	Wolfcamp / Point of Penetration
12200.00	51.74	179.48	12076.93	172.29	-535.40	-148.44	10.00	
12300.00	61.74	179.48	12131.70	88.78	-534.65	-65.05	10.00	
12400.00	71.74	179.48	12171.15	-2.97	-533.81	26.58	10.00	
12500.00	81.74	179.48	12194.06	-100.18	-532.93	123.65	10.00	

BOA STATE COM 705H



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County: Lea
Wellbore: Permit Plan
Design: Permit Plan #1

Geodetic System: US State Plane 1983
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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
12582.61	90.00	179.48	12200.00	-182.50	-532.18	205.86	10.00	Landing Point
12600.00	90.00	179.48	12200.00	-199.89	-532.03	223.22	0.00	
12700.00	90.00	179.48	12200.00	-299.89	-531.12	323.08	0.00	
12800.00	90.00	179.48	12200.00	-399.88	-530.21	422.94	0.00	
12900.00	90.00	179.48	12200.00	-499.88	-529.30	522.79	0.00	
13000.00	90.00	179.48	12200.00	-599.87	-528.40	622.65	0.00	
13100.00	90.00	179.48	12200.00	-699.87	-527.49	722.51	0.00	
13200.00	90.00	179.48	12200.00	-799.87	-526.58	822.37	0.00	
13300.00	90.00	179.48	12200.00	-899.86	-525.67	922.23	0.00	
13400.00	90.00	179.48	12200.00	-999.86	-524.76	1022.08	0.00	
13500.00	90.00	179.48	12200.00	-1099.85	-523.86	1121.94	0.00	
13600.00	90.00	179.48	12200.00	-1199.85	-522.95	1221.80	0.00	
13700.00	90.00	179.48	12200.00	-1299.85	-522.04	1321.66	0.00	
13800.00	90.00	179.48	12200.00	-1399.84	-521.13	1421.52	0.00	
13900.00	90.00	179.48	12200.00	-1499.84	-520.23	1521.37	0.00	
14000.00	90.00	179.48	12200.00	-1599.83	-519.32	1621.23	0.00	
14100.00	90.00	179.48	12200.00	-1699.83	-518.41	1721.09	0.00	
14200.00	90.00	179.48	12200.00	-1799.82	-517.50	1820.95	0.00	
14300.00	90.00	179.48	12200.00	-1899.82	-516.59	1920.81	0.00	
14400.00	90.00	179.48	12200.00	-1999.82	-515.69	2020.66	0.00	
14500.00	90.00	179.48	12200.00	-2099.81	-514.78	2120.52	0.00	
14600.00	90.00	179.48	12200.00	-2199.81	-513.87	2220.38	0.00	
14700.00	90.00	179.48	12200.00	-2299.80	-512.96	2320.24	0.00	
14800.00	90.00	179.48	12200.00	-2399.80	-512.05	2420.10	0.00	
14900.00	90.00	179.48	12200.00	-2499.80	-511.15	2519.95	0.00	
15000.00	90.00	179.48	12200.00	-2599.79	-510.24	2619.81	0.00	
15100.00	90.00	179.48	12200.00	-2699.79	-509.33	2719.67	0.00	
15200.00	90.00	179.48	12200.00	-2799.78	-508.42	2819.53	0.00	
15300.00	90.00	179.48	12200.00	-2899.78	-507.52	2919.38	0.00	
15400.00	90.00	179.48	12200.00	-2999.78	-506.61	3019.24	0.00	
15500.00	90.00	179.48	12200.00	-3099.77	-505.70	3119.10	0.00	
15600.00	90.00	179.48	12200.00	-3199.77	-504.79	3218.96	0.00	
15700.00	90.00	179.48	12200.00	-3299.76	-503.88	3318.82	0.00	
15800.00	90.00	179.48	12200.00	-3399.76	-502.98	3418.67	0.00	
15900.00	90.00	179.48	12200.00	-3499.75	-502.07	3518.53	0.00	
16000.00	90.00	179.48	12200.00	-3599.75	-501.16	3618.39	0.00	
16100.00	90.00	179.48	12200.00	-3699.75	-500.25	3718.25	0.00	
16200.00	90.00	179.48	12200.01	-3799.74	-499.35	3818.11	0.00	
16300.00	90.00	179.48	12200.01	-3899.74	-498.44	3917.96	0.00	
16400.00	90.00	179.48	12200.01	-3999.73	-497.53	4017.82	0.00	
16500.00	90.00	179.48	12200.01	-4099.73	-496.62	4117.68	0.00	
16600.00	90.00	179.48	12200.01	-4199.73	-495.71	4217.54	0.00	
16700.00	90.00	179.48	12200.01	-4299.72	-494.81	4317.40	0.00	
16800.00	90.00	179.48	12200.01	-4399.72	-493.90	4417.25	0.00	
16900.00	90.00	179.48	12200.01	-4499.71	-492.99	4517.11	0.00	
17000.00	90.00	179.48	12200.01	-4599.71	-492.08	4616.97	0.00	
17100.00	90.00	179.48	12200.01	-4699.71	-491.18	4716.83	0.00	
17200.00	90.00	179.48	12200.01	-4799.70	-490.27	4816.69	0.00	
17300.00	90.00	179.48	12200.01	-4899.70	-489.36	4916.54	0.00	
17400.00	90.00	179.48	12200.01	-4999.69	-488.45	5016.40	0.00	
17500.00	90.00	179.48	12200.01	-5099.69	-487.54	5116.26	0.00	
17600.00	90.00	179.48	12200.01	-5199.68	-486.64	5216.12	0.00	
17700.00	90.00	179.48	12200.01	-5299.68	-485.73	5315.98	0.00	
17800.00	90.00	179.48	12200.01	-5399.68	-484.82	5415.83	0.00	
17900.00	90.00	179.48	12200.01	-5499.67	-483.91	5515.69	0.00	
18000.00	90.00	179.48	12200.01	-5599.67	-483.00	5615.55	0.00	
18100.00	90.00	179.48	12200.01	-5699.66	-482.10	5715.41	0.00	
18200.00	90.00	179.48	12200.01	-5799.66	-481.19	5815.26	0.00	
18300.00	90.00	179.48	12200.01	-5899.66	-480.28	5915.12	0.00	
18400.00	90.00	179.48	12200.01	-5999.65	-479.37	6014.98	0.00	
18500.00	90.00	179.48	12200.01	-6099.65	-478.47	6114.84	0.00	
18600.00	90.00	179.48	12200.01	-6199.64	-477.56	6214.70	0.00	
18700.00	90.00	179.48	12200.01	-6299.64	-476.65	6314.55	0.00	
18800.00	90.00	179.48	12200.01	-6399.64	-475.74	6414.41	0.00	
18900.00	90.00	179.48	12200.01	-6499.63	-474.83	6514.27	0.00	
19000.00	90.00	179.48	12200.01	-6599.63	-473.93	6614.13	0.00	
19100.00	90.00	179.48	12200.01	-6699.62	-473.02	6713.99	0.00	
19200.00	90.00	179.48	12200.01	-6799.62	-472.11	6813.84	0.00	
19300.00	90.00	179.48	12200.01	-6899.61	-471.20	6913.70	0.00	
19400.00	90.00	179.48	12200.01	-6999.61	-470.30	7013.56	0.00	

BOA STATE COM 705H



Well: BOA STATE COM 705H
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)	
19500.00	90.00	179.48	12200.01	-7099.61	-469.39	7113.42	0.00	
19600.00	90.00	179.48	12200.01	-7199.60	-468.48	7213.28	0.00	
19700.00	90.00	179.48	12200.01	-7299.60	-467.57	7313.13	0.00	
19800.00	90.00	179.48	12200.01	-7399.59	-466.66	7412.99	0.00	
19900.00	90.00	179.48	12200.01	-7499.59	-465.76	7512.85	0.00	
20000.00	90.00	179.48	12200.01	-7599.59	-464.85	7612.71	0.00	
20100.00	90.00	179.48	12200.01	-7699.58	-463.94	7712.57	0.00	
20200.00	90.00	179.48	12200.01	-7799.58	-463.03	7812.42	0.00	
20300.00	90.00	179.48	12200.01	-7899.57	-462.12	7912.28	0.00	
20400.00	90.00	179.48	12200.01	-7999.57	-461.22	8012.14	0.00	
20500.00	90.00	179.48	12200.01	-8099.57	-460.31	8112.00	0.00	
20600.00	90.00	179.48	12200.01	-8199.56	-459.40	8211.86	0.00	
20700.00	90.00	179.48	12200.01	-8299.56	-458.49	8311.71	0.00	
20800.00	90.00	179.48	12200.01	-8399.55	-457.59	8411.57	0.00	
20900.00	90.00	179.48	12200.01	-8499.55	-456.68	8511.43	0.00	
21000.00	90.00	179.48	12200.01	-8599.54	-455.77	8611.29	0.00	
21100.00	90.00	179.48	12200.01	-8699.54	-454.86	8711.14	0.00	
21200.00	90.00	179.48	12200.01	-8799.54	-453.95	8811.00	0.00	
21300.00	90.00	179.48	12200.01	-8899.53	-453.05	8910.86	0.00	
21400.00	90.00	179.48	12200.01	-8999.53	-452.14	9010.72	0.00	
21500.00	90.00	179.48	12200.01	-9099.52	-451.23	9110.58	0.00	
21600.00	90.00	179.48	12200.01	-9199.52	-450.32	9210.43	0.00	
21700.00	90.00	179.48	12200.01	-9299.52	-449.42	9310.29	0.00	
21800.00	90.00	179.48	12200.01	-9399.51	-448.51	9410.15	0.00	
21900.00	90.00	179.48	12200.01	-9499.51	-447.60	9510.01	0.00	
22000.00	90.00	179.48	12200.01	-9599.50	-446.69	9609.87	0.00	
22100.00	90.00	179.48	12200.01	-9699.50	-445.78	9709.72	0.00	
22200.00	90.00	179.48	12200.01	-9799.50	-444.88	9809.58	0.00	
22300.00	90.00	179.48	12200.01	-9899.49	-443.97	9909.44	0.00	
22329.51	90.00	179.48	12200.01	-9929.00	-443.70	9938.91	0.00	exit
22400.00	90.00	179.48	12200.01	-9999.49	-443.06	10009.30	0.00	
22409.51	90.00	179.48	12200.00	-10009.00	-443.00	10018.80	0.00	BHL

1. Geologic Formations

TVD of target	12200	Pilot hole depth	N/A
MD at TD:	22410	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	1012		
Salt	1236		
Base of Salt	5073		
Delaware	5073		
Cherry Canyon	6064		
Brushy Canyon	7385		
1st Bone Spring Lime	8931		
Bone Spring 1st	10070		
Bone Spring 2nd	10626		
3rd Bone Spring Lime	11085		
Bone Spring 3rd	11751		
Wolfcamp	12072		

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

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2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Casing Interval		Casing Interval	
					From (MD)	To (MD)	From (TVD)	To (TVD)
13 1/2	9 5/8	40	J-55	BTC	0	1092	0	1092
8 3/4	7 5/8	29 2/3	P-110HSCY	MOFXL	0	11583	0	11583
6 3/4	5 1/2	20	P110	VARN & Sprint SF	0	22410	0	12200

•All casing strings will be tested in accordance with 43 CFR 3172.

Variance Approval -

o 5-1/2" Production Casing will include Sprint SF connection from base of curve to 500ft inside 7 5/8" casing shoe

o All other 5-1/2" Production Casing will run VARN (6.05") or equivalent

3. Cementing Program (Primary Design)

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. The final cement top will be verified by Echo-meter. Devon will include the Echo-meter verified fluid top and the volume of displacement fluid above the cement slurry in the annulus in all post-drill sundries on wells utilizing this cement program. Devon will report to the BLM the volume of fluid (limited to 1 bbls) used to flush intermediate casing valves following backside cementing procedures

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	575	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	412	Surf	9	2.3	Lead: Class C Cement + additives
	383	7440	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	535	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	412	Surf	9	2.3	Lead: Class C Cement + additives
	383	7440	13.2	1.44	Tail: Class H / C + additives
Production	62	9683	9	3.27	Lead: Class H / C + additives
	684	11683	13.2	1.44	Tail: Class H / C + additives

Casing String	% Excess
Surface	50%
Intermediate 1	30%
Intermediate 1 (Two Stage)	25%
Prod	10%

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"	10M	Annular (5M)		X	100% of rated working pressure
			Blind Ram		X	10M
			Pipe Ram			
			Double Ram		X	
			Other*			
			Annular (5M)			
			Blind Ram			
			Pipe Ram			
			Double Ram			
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
Y	A variance is requested to run a 5 M annular on a 10M system					

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5. Mud Program (Three String Design)

Section	Type	Weight (ppg)
Surface	FW Gel	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Production	OBM	10-10.5

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
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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	Int. shoe to KOP
Density	Int. shoe to KOP
X CBL	Production casing
X Mud log	Intermediate shoe to TD
PEX	

7. Drilling Conditions

Condition	Specify what type and where?
BH pressure at deepest TVD	6661
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.

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 pa.
- 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. A 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

Offline Cementing

Variance Request

Devon Energy requests to offline cement on intermediate strings that are set in formations shallower than the Wolfcamp. Prior to commencing offline cementing operations, the well will be monitored for any abnormal pressures and confirmed to be static. A dual manifold system (equipped with chokes) for the returns will also be utilized as a redundancy. All equipment used for offline cementing will have a minimum 5M rating to match intermediate sections' 5M BOPE requirements.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
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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 319723

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 319723
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	3/4/2024