

Well Name: Magic Cat 30-19 Fed Com	Well Location: T23S / R32E / SEC 30 / SWSE /	County or Parish/State:
Well Number: 733H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM86927	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547692	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Other
Date Sundry Submitted: 06/14/2021	Time Sundry Submitted: 02:38
Date proposed operation will begin: 05/03/2021	

Procedure Description: BHL CHANGE Devon Energy Production Co., L.P. (Devon) respectfully requests to change the BHL and well name on the subject well. Please see attached revised C102, Drill plan, directional plan. PERMITTED: 30-025-47692 FRODERICK 30 FEDERAL COM #703H PERMITTED: BHL: 30-23S-32E 100 FNL 1330 FEL PROPOSED: MAGIC CAT 30-19 FED COM 733H PROPOSED: 19-23S-32E 20 FNL, 1330 FEL

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- MAGIC_CAT_30_19_FED_COM_733H_Directional_Plan_03_12_21_20210614143747.pdf
- MAGIC_CAT_30_19_FED_COM_733H_20210614143746.pdf
- MAGIC_CAT_30_19_FED_COM_733H_BHL_CHANGE_r1_20210504062242.pdf
- 10M_BOPE_CHK_DR_CLS_RKL_20210504062242.pdf
- MB_Wellhd_10M_13.375_8.625_5.5_20210504062242.PDF
- Annular_Variance___Preventer_Summary_20210504062242.pdf
- MB_Verb_10M_20210504062242.pdf

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Conditions of Approval

Additional Reviews

Magic_Cat_30_19_Fed_Com_733H_Dr_COA_Sundry_ID_2159869_20210616101049.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: JENNY HARMS	Signed on: JUN 14, 2021 02:37 PM
Name: DEVON ENERGY PRODUCTION COMPANY LP	
Title: Regulatory Compliance Professional	
Street Address: 333 West Sheridan Avenue	
City: Oklahoma City	State: OK
Phone: (405) 552-6560	
Email address: jennifer.harms@dvn.com	

Field Representative

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

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 08/04/2021
Signature: Chris Walls	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number	² Pool Code [98248]	³ Pool Name WC-025 G-08 S243217P;UPR WC
⁴ Property Code	⁵ Property Name MAGIC CAT 30-19 FED COM	⁶ Well Number 733H
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁹ Elevation 3601.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
O	30	23 S	32 E		240	SOUTH	1933	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	19	23 S	32 E		20	NORTH	1330	EAST	LEA
¹² Dedicated Acres 640	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.						

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

	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. 3-18-2021 Signature: <i>Jenny Harms</i> Date: 3-18-2021 Printed Name: JENNY HARMS E-mail Address: JENNY.HARMS@DVN.COM
	¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. MARCH 1, 2021 Date of Survey: MARCH 1, 2021 Signature and Seal of Professional Surveyor: <i>ALIMON F. JARAMILLO</i> Certificate Number: 12797 Surveyor's License No. 8816

Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: MAGIC CAT 30-19 FED COM	Well Number 733H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	30	23S	32E		37 FSL		1330 FEL		LEA
Latitude 32.26823179					Longitude -103.70950502				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
O	30	23S	32E		100	SOUTH	1330	EAST	LEA
Latitude 32.2684967					Longitude 103.7095050				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	19	23S	32E		100	NORTH	1330	EAST	LEA
Latitude 32.2969743					Longitude 103.7095128				NAD 83

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

☒

Is this well an infill well?

☐

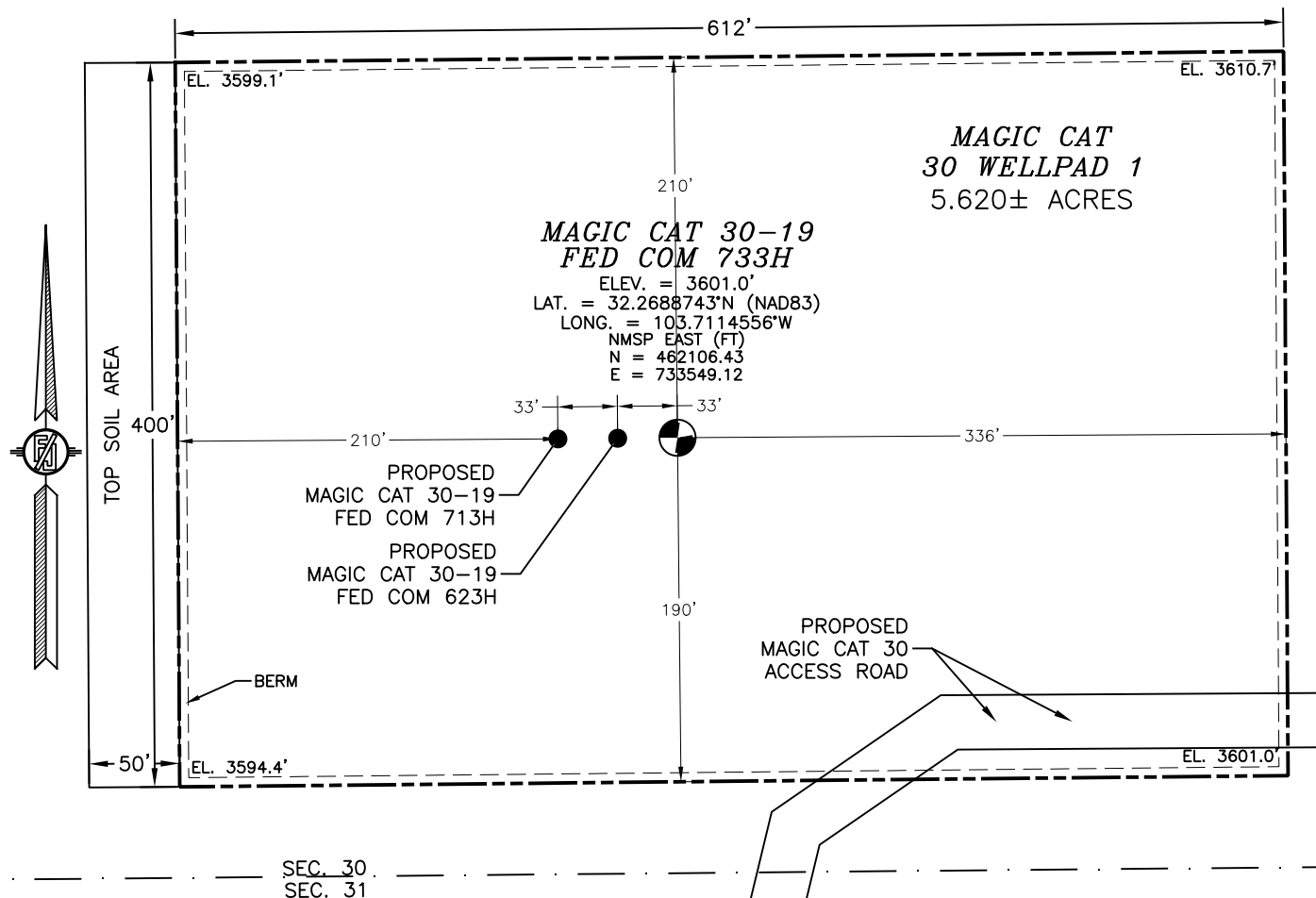
If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

**SECTION 30, TOWNSHIP 23 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP**

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF BUCK JACKSON AND S.R. 128 (JAL HWY) GO NORTHWEST ON S.R. 128 0.66 MILES, JUST PAST MILE MARKER 19, TURN RIGHT ON CALICHE LEASE ROAD AND GO NORTHEAST 1.1 MILES, TURN LEFT ON CALICHE LEASE ROAD AND GO APPROX. 0.4 MILES, TURN RIGHT AND GO NORTH APPROX. 0.4 MILES, TURN RIGHT AND GO EAST APPROX. 0.3 MILES, TURN LEFT AND GO NORTH APPROX. 0.3 MILES, TURN LEFT AND GO WEST APPROX. 0.3 MILES, TURN RIGHT AND GO NORTH APPROX. 0.25 MILES, TURN RIGHT ON RECLAIMED ROAD AND GO EAST APPROX. 0.25 MILES, TO A ROAD SURVEY, FOLLOW ROAD SURVEY NORTH APPROX. 750' TO THE SOUTH EDGE OF PAD FOR THIS LOCATION.

I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR, CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, REGISTERED PROFESSIONAL SURVEYOR

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

**DEVON ENERGY PRODUCTION COMPANY, L.P.
MAGIC CAT 30-19 FED COM 733H
LOCATED 240 FT. FROM THE SOUTH LINE
AND 1933 FT. FROM THE EAST LINE OF
SECTION 30, TOWNSHIP 23 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO**

MARCH 1, 2021

SURVEY NO. 8816

CARLSBAD, NEW MEXICO

SECTION 30, TOWNSHIP 23 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
BOOTLEG RIDGE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
MAGIC CAT 30-19 FED COM 733H
LOCATED 240 FT. FROM THE SOUTH LINE
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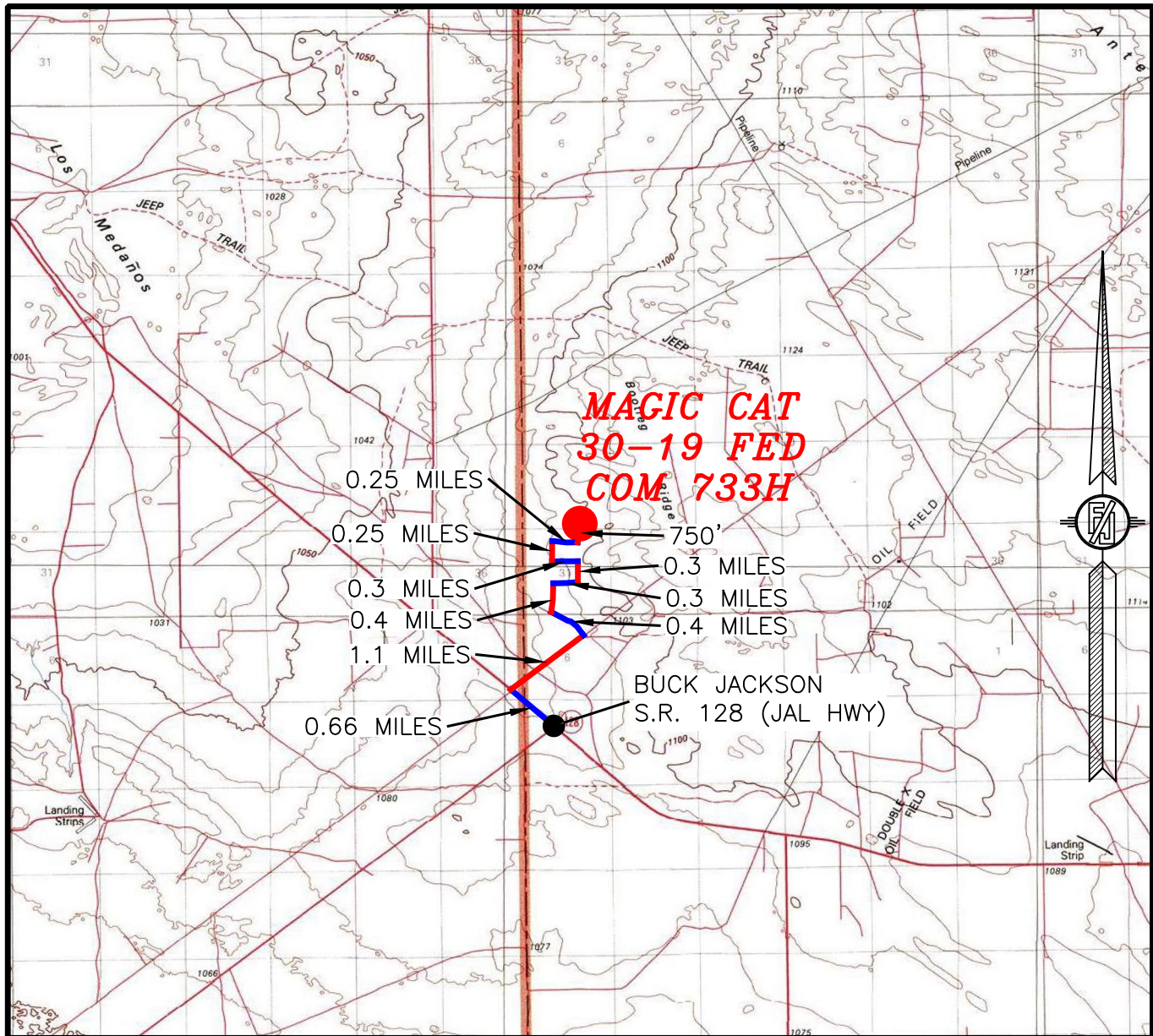
MARCH 1, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 8816
CARLSBAD, NEW MEXICO

SECTION 30, TOWNSHIP 23 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF BUCK JACKSON AND S.R. 128 (JAL HWY) GO NORTHWEST ON S.R. 128 0.66 MILES, JUST PAST MILE MARKER 19, TURN RIGHT ON CALICHE LEASE ROAD AND GO NORTHEAST 1.1 MILES, TURN LEFT ON CALICHE LEASE ROAD AND GO APPROX. 0.4 MILES, TURN RIGHT AND GO NORTH APPROX. 0.4 MILES, TURN RIGHT AND GO EAST APPROX. 0.3 MILES, TURN LEFT AND GO NORTH APPROX. 0.3 MILES, TURN LEFT AND GO WEST APPROX. 0.3 MILES, TURN RIGHT AND GO NORTH APPROX. 0.25 MILES, TURN RIGHT ON RECLAIMED ROAD AND GO EAST APPROX. 0.25 MILES, TO A ROAD SURVEY, FOLLOW ROAD SURVEY NORTH APPROX. 750' TO THE SOUTH EDGE OF PAD FOR THIS LOCATION.

DEVON ENERGY PRODUCTION COMPANY, L.P.

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LOCATED 240 FT. FROM THE SOUTH LINE
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SECTION 30, TOWNSHIP 23 SOUTH,
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LEA COUNTY, STATE OF NEW MEXICO

MARCH 1, 2021

SURVEY NO. 8816

MADRON SURVEYING, INC. 301 SOUTH CANAL (575) 234-3341

CARLSBAD, NEW MEXICO

24

19

20

25

30

29

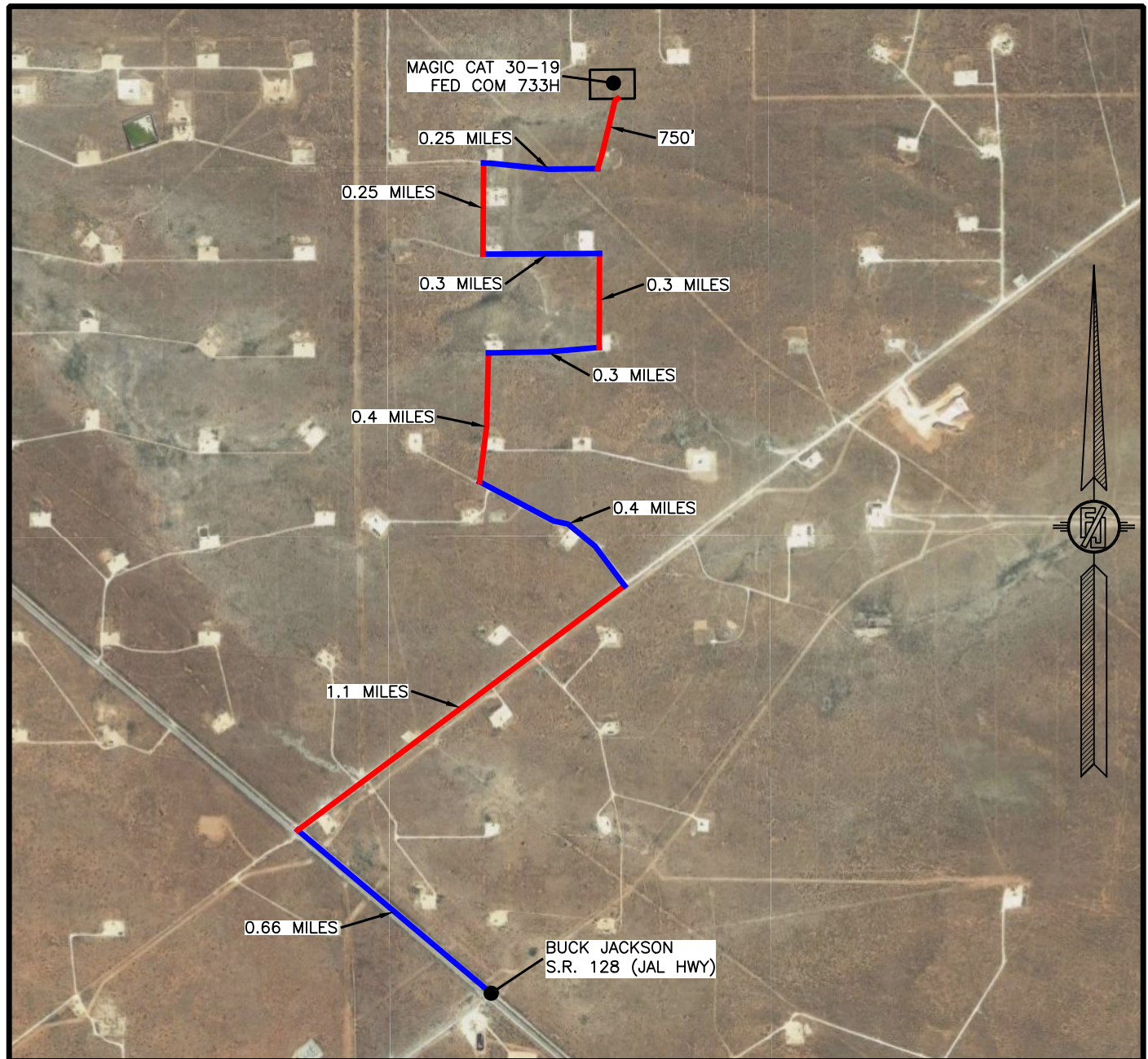
BOTTOM OF HOLE

MAGIC CAT
30-19 FED
COM 733H

MAGIC CAT 30
ACCESS ROAD

CARLSBAD, NEW MEXICO

SECTION 30, TOWNSHIP 23 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOV. 2017

DEVON ENERGY PRODUCTION COMPANY, L.P.
MAGIC CAT 30-19 FED COM 733H
LOCATED 240 FT. FROM THE SOUTH LINE
AND 1933 FT. FROM THE EAST LINE OF
SECTION 30, TOWNSHIP 23 SOUTH,
RANGE 32 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

MARCH 1, 2021

SURVEY NO. 8816

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

MAGIC CAT 30-19 FED COM 733H

1. Geologic Formations

TVD of target	12074	Pilot hole depth	N/A
MD at TD:	22384	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	1025		
Salt	1355		
Base of Salt	4385		
Delaware	4625		
Cherry Canyon	5565		
Brushy Canyon	6825		
1st Bone Spring Lime	8450		
Bone Spring 1st	9585		
Bone Spring 2nd	10175		
3rd Bone Spring Lime	10725		
Bone Spring 3rd	11475		
Wolfcamp	11890		

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

MAGIC CAT 30-19 FED COM 733H

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)
17 1/2	13 3/8	48	H40	STC	0	1050	0	1050
9 7/8	8 5/8	32	P110	TLW	0	11890	0	11890
7 7/8	5 1/2	17	P110	BTC	0	22384	0	12074

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

3. Cementing Program (Primary Design)

Casing	# Skis	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	798	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	496	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	496	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above	13.2	1.44	Tail: Class H / C + additives
Production	117	9554	9	3.27	Lead: Class H / C + additives
	1433	11554	13.2	1.44	Tail: Class H / C + additives

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

MAGIC CAT 30-19 FED COM 733H

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 (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					

MAGIC CAT 30-19 FED COM 733H

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
---	-----------------------------

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	6592
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

MAGIC CAT 30-19 FED COM 733H

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

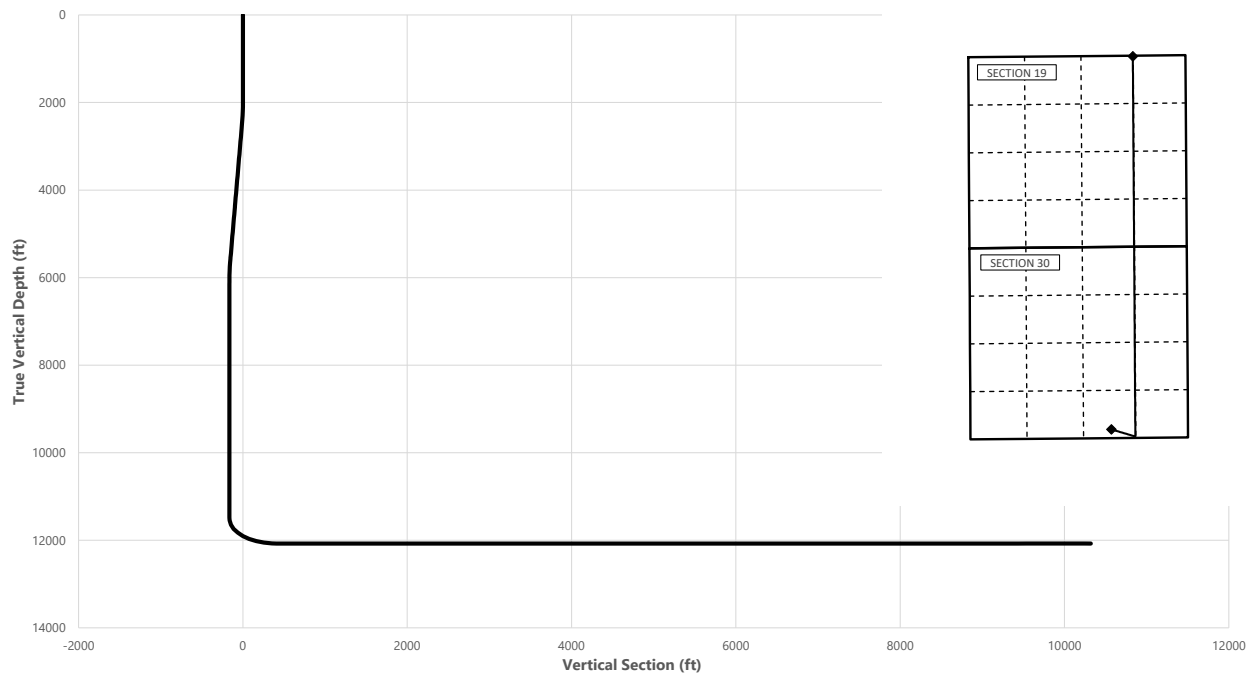
MAGIC CAT 30-19 FED COM 733H



Well: MAGIC CAT 30-19 FED COM 733H
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	108.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	108.00	2497.47	-13.45	41.39	-11.26	1.00	Hold Tangent
5655.00	10.00	108.00	5604.54	-182.75	562.44	-153.03	0.00	Drop to Vertical
6155.00	0.00	108.00	6102.00	-196.20	603.83	-164.29	2.00	Hold Vertical
11554.04	0.00	359.66	11501.04	-196.20	603.83	-164.29	0.00	KOP
12454.04	90.00	359.66	12074.00	376.75	600.38	407.68	10.00	Landing Point
22383.53	90.00	359.66	12074.00	10306.06	540.59	10320.23	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	0.00	0.00
Salt	1355.00	1355.00
Base of Salt	4416.65	4385.00
Delaware	4660.36	4625.00
Cherry Canyon	5614.86	5565.00
Brushy Canyon	6878.00	6825.00
1st Bone Spring Lime	8503.00	8450.00
Bone Spring 1st	9638.00	9585.00
Bone Spring 2nd	10228.00	10175.00
3rd Bone Spring Lime	10778.00	10725.00
Bone Spring 3rd	11528.00	11475.00
Wolfcamp / Point of Penetration	11981.59	11890.00
Exit	22303.53	12074.01

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.2688	-103.7115	240' FSL, 1933' FEL of Sec 30 in T23S, R32E
11554.04	11501.04	32.2682	-103.7096	37' FSL, 1330' FEL of Sec 30 in T23S, R32E
11981.59	11890.00	32.2685	-103.7095	100' FSL, 1330' FEL of Sec 30 in T23S, R32E
22303.53	12074.01	32.2970	-103.7095	100' FNL, 1330' FEL of Sec 19 in T23S, R32E
22383.53	12074.00	32.2971	-103.7096	20' FNL, 1330' FEL of Sec 19 in T23S, R32E

MAGIC CAT 30-19 FED COM 733H



Well: MAGIC CAT 30-19 FED COM 733H
 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	108.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	108.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	108.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	108.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	108.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	108.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	108.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	108.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	108.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	108.00	1000.00	0.00	0.00	0.00	0.00	
1025.00	0.00	108.00	1025.00	0.00	0.00	0.00	0.00	Rustler
1100.00	0.00	108.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	108.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	108.00	1300.00	0.00	0.00	0.00	0.00	
1355.00	0.00	108.00	1355.00	0.00	0.00	0.00	0.00	Salt
1400.00	0.00	108.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	108.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	108.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	108.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	108.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	108.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	108.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	108.00	2099.98	-0.54	1.66	-0.45	2.00	
2200.00	4.00	108.00	2199.84	-2.16	6.64	-1.81	2.00	
2300.00	6.00	108.00	2299.45	-4.85	14.93	-4.06	2.00	
2400.00	8.00	108.00	2398.70	-8.62	26.52	-7.21	2.00	
2500.00	10.00	108.00	2497.47	-13.45	41.39	-11.26	1.00	Hold Tangent
2600.00	10.00	108.00	2595.95	-18.82	57.91	-15.76	0.00	
2700.00	10.00	108.00	2694.43	-24.18	74.42	-20.25	0.00	
2800.00	10.00	108.00	2792.91	-29.55	90.94	-24.74	0.00	
2900.00	10.00	108.00	2891.39	-34.91	107.45	-29.24	0.00	
3000.00	10.00	108.00	2989.87	-40.28	123.97	-33.73	0.00	
3100.00	10.00	108.00	3088.35	-45.65	140.48	-38.22	0.00	
3200.00	10.00	108.00	3186.83	-51.01	157.00	-42.72	0.00	
3300.00	10.00	108.00	3285.31	-56.38	173.51	-47.21	0.00	
3400.00	10.00	108.00	3383.79	-61.74	190.03	-51.70	0.00	
3500.00	10.00	108.00	3482.27	-67.11	206.54	-56.20	0.00	
3600.00	10.00	108.00	3580.75	-72.48	223.06	-60.69	0.00	
3700.00	10.00	108.00	3679.23	-77.84	239.57	-65.18	0.00	
3800.00	10.00	108.00	3777.72	-83.21	256.09	-69.68	0.00	
3900.00	10.00	108.00	3876.20	-88.57	272.60	-74.17	0.00	
4000.00	10.00	108.00	3974.68	-93.94	289.12	-78.67	0.00	
4100.00	10.00	108.00	4073.16	-99.31	305.63	-83.16	0.00	
4200.00	10.00	108.00	4171.64	-104.67	322.15	-87.65	0.00	
4300.00	10.00	108.00	4270.12	-110.04	338.66	-92.15	0.00	
4400.00	10.00	108.00	4368.60	-115.40	355.18	-96.64	0.00	
4416.65	10.00	108.00	4385.00	-116.30	357.93	-97.39	0.00	Base of Salt
4500.00	10.00	108.00	4467.08	-120.77	371.69	-101.13	0.00	
4600.00	10.00	108.00	4565.56	-126.14	388.21	-105.63	0.00	
4660.36	10.00	108.00	4625.00	-129.37	398.17	-108.34	0.00	Delaware
4700.00	10.00	108.00	4664.04	-131.50	404.72	-110.12	0.00	
4800.00	10.00	108.00	4762.52	-136.87	421.24	-114.61	0.00	
4900.00	10.00	108.00	4861.00	-142.23	437.75	-119.11	0.00	
5000.00	10.00	108.00	4959.48	-147.60	454.27	-123.60	0.00	
5100.00	10.00	108.00	5057.97	-152.97	470.78	-128.09	0.00	
5200.00	10.00	108.00	5156.45	-158.33	487.30	-132.59	0.00	
5300.00	10.00	108.00	5254.93	-163.70	503.81	-137.08	0.00	
5400.00	10.00	108.00	5353.41	-169.06	520.33	-141.57	0.00	
5500.00	10.00	108.00	5451.89	-174.43	536.84	-146.07	0.00	
5600.00	10.00	108.00	5550.37	-179.80	553.35	-150.56	0.00	
5614.86	10.00	108.00	5565.00	-180.59	555.81	-151.23	0.00	Cherry Canyon
5655.00	10.00	108.00	5604.54	-182.75	562.44	-153.03	0.00	Drop to Vertical
5700.00	9.10	108.00	5648.91	-185.05	569.54	-154.97	2.00	
5800.00	7.10	108.00	5747.91	-189.41	582.94	-158.61	2.00	
5900.00	5.10	108.00	5847.34	-192.69	593.04	-161.36	2.00	
6000.00	3.10	108.00	5947.07	-194.90	599.84	-163.21	2.00	
6100.00	1.10	108.00	6047.00	-196.03	603.33	-164.16	2.00	
6155.00	0.00	108.00	6102.00	-196.20	603.83	-164.29	2.00	Hold Vertical
6200.00	0.00	359.66	6147.00	-196.20	603.83	-164.30	0.00	

MAGIC CAT 30-19 FED COM 733H



Well: MAGIC CAT 30-19 FED COM 733H
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
6300.00	0.00	359.66	6247.00	-196.20	603.83	-164.30	0.00	
6400.00	0.00	359.66	6347.00	-196.20	603.83	-164.30	0.00	
6500.00	0.00	359.66	6447.00	-196.20	603.83	-164.30	0.00	
6600.00	0.00	359.66	6547.00	-196.20	603.83	-164.30	0.00	
6700.00	0.00	359.66	6647.00	-196.20	603.83	-164.30	0.00	
6800.00	0.00	359.66	6747.00	-196.20	603.83	-164.30	0.00	
6878.00	0.00	359.66	6825.00	-196.20	603.83	-164.30	0.00	Brushy Canyon
6900.00	0.00	359.66	6847.00	-196.20	603.83	-164.30	0.00	
7000.00	0.00	359.66	6947.00	-196.20	603.83	-164.30	0.00	
7100.00	0.00	359.66	7047.00	-196.20	603.83	-164.30	0.00	
7200.00	0.00	359.66	7147.00	-196.20	603.83	-164.30	0.00	
7300.00	0.00	359.66	7247.00	-196.20	603.83	-164.30	0.00	
7400.00	0.00	359.66	7347.00	-196.20	603.83	-164.30	0.00	
7500.00	0.00	359.66	7447.00	-196.20	603.83	-164.30	0.00	
7600.00	0.00	359.66	7547.00	-196.20	603.83	-164.30	0.00	
7700.00	0.00	359.66	7647.00	-196.20	603.83	-164.30	0.00	
7800.00	0.00	359.66	7747.00	-196.20	603.83	-164.30	0.00	
7900.00	0.00	359.66	7847.00	-196.20	603.83	-164.30	0.00	
8000.00	0.00	359.66	7947.00	-196.20	603.83	-164.30	0.00	
8100.00	0.00	359.66	8047.00	-196.20	603.83	-164.30	0.00	
8200.00	0.00	359.66	8147.00	-196.20	603.83	-164.30	0.00	
8300.00	0.00	359.66	8247.00	-196.20	603.83	-164.30	0.00	
8400.00	0.00	359.66	8347.00	-196.20	603.83	-164.30	0.00	
8500.00	0.00	359.66	8447.00	-196.20	603.83	-164.30	0.00	
8503.00	0.00	359.66	8450.00	-196.20	603.83	-164.30	0.00	1st Bone Spring Lime
8600.00	0.00	359.66	8547.00	-196.20	603.83	-164.30	0.00	
8700.00	0.00	359.66	8647.00	-196.20	603.83	-164.30	0.00	
8800.00	0.00	359.66	8747.00	-196.20	603.83	-164.30	0.00	
8900.00	0.00	359.66	8847.00	-196.20	603.83	-164.30	0.00	
9000.00	0.00	359.66	8947.00	-196.20	603.83	-164.30	0.00	
9100.00	0.00	359.66	9047.00	-196.20	603.83	-164.30	0.00	
9200.00	0.00	359.66	9147.00	-196.20	603.83	-164.30	0.00	
9300.00	0.00	359.66	9247.00	-196.20	603.83	-164.30	0.00	
9400.00	0.00	359.66	9347.00	-196.20	603.83	-164.30	0.00	
9500.00	0.00	359.66	9447.00	-196.20	603.83	-164.30	0.00	
9600.00	0.00	359.66	9547.00	-196.20	603.83	-164.30	0.00	
9638.00	0.00	359.66	9585.00	-196.20	603.83	-164.30	0.00	Bone Spring 1st
9700.00	0.00	359.66	9647.00	-196.20	603.83	-164.30	0.00	
9800.00	0.00	359.66	9747.00	-196.20	603.83	-164.30	0.00	
9900.00	0.00	359.66	9847.00	-196.20	603.83	-164.30	0.00	
10000.00	0.00	359.66	9947.00	-196.20	603.83	-164.30	0.00	
10100.00	0.00	359.66	10047.00	-196.20	603.83	-164.30	0.00	
10200.00	0.00	359.66	10147.00	-196.20	603.83	-164.30	0.00	
10228.00	0.00	359.66	10175.00	-196.20	603.83	-164.30	0.00	Bone Spring 2nd
10300.00	0.00	359.66	10247.00	-196.20	603.83	-164.30	0.00	
10400.00	0.00	359.66	10347.00	-196.20	603.83	-164.30	0.00	
10500.00	0.00	359.66	10447.00	-196.20	603.83	-164.30	0.00	
10600.00	0.00	359.66	10547.00	-196.20	603.83	-164.30	0.00	
10700.00	0.00	359.66	10647.00	-196.20	603.83	-164.30	0.00	
10778.00	0.00	359.66	10725.00	-196.20	603.83	-164.30	0.00	3rd Bone Spring Lime
10800.00	0.00	359.66	10747.00	-196.20	603.83	-164.30	0.00	
10900.00	0.00	359.66	10847.00	-196.20	603.83	-164.30	0.00	
11000.00	0.00	359.66	10947.00	-196.20	603.83	-164.30	0.00	
11100.00	0.00	359.66	11047.00	-196.20	603.83	-164.30	0.00	
11200.00	0.00	359.66	11147.00	-196.20	603.83	-164.30	0.00	
11300.00	0.00	359.66	11247.00	-196.20	603.83	-164.30	0.00	
11400.00	0.00	359.66	11347.00	-196.20	603.83	-164.30	0.00	
11500.00	0.00	359.66	11447.00	-196.20	603.83	-164.30	0.00	
11528.00	0.00	359.66	11475.00	-196.20	603.83	-164.30	0.00	Bone Spring 3rd
11554.04	0.00	359.66	11501.04	-196.20	603.83	-164.29	0.00	KOP
11600.00	4.60	359.66	11546.95	-194.35	603.82	-162.46	10.00	
11700.00	14.60	359.66	11645.43	-177.71	603.72	-145.84	10.00	
11800.00	24.60	359.66	11739.51	-144.21	603.52	-112.40	10.00	
11900.00	34.60	359.66	11826.36	-94.89	603.22	-63.16	10.00	
11981.59	42.75	359.66	11890.00	-43.95	602.91	-12.30	10.00	Wolfcamp / Point of Penetration
12000.00	44.60	359.66	11903.32	-31.23	602.84	0.39	10.00	
12100.00	54.60	359.66	11968.05	44.82	602.38	76.31	10.00	
12200.00	64.60	359.66	12018.60	130.95	601.86	162.30	10.00	
12300.00	74.60	359.66	12053.42	224.56	601.30	255.75	10.00	
12400.00	84.60	359.66	12071.45	322.79	600.70	353.81	10.00	

MAGIC CAT 30-19 FED COM 733H



Well: MAGIC CAT 30-19 FED COM 733H
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)	
12454.04	90.00	359.66	12074.00	376.75	600.38	407.68	10.00	Landing Point
12500.00	90.00	359.66	12074.00	422.71	600.10	453.56	0.00	
12600.00	90.00	359.66	12074.00	522.71	599.50	553.39	0.00	
12700.00	90.00	359.66	12074.00	622.70	598.90	653.22	0.00	
12800.00	90.00	359.66	12074.00	722.70	598.30	753.05	0.00	
12900.00	90.00	359.66	12074.00	822.70	597.69	852.88	0.00	
13000.00	90.00	359.66	12074.00	922.70	597.09	952.71	0.00	
13100.00	90.00	359.66	12074.00	1022.70	596.49	1052.54	0.00	
13200.00	90.00	359.66	12074.00	1122.69	595.89	1152.37	0.00	
13300.00	90.00	359.66	12074.00	1222.69	595.28	1252.20	0.00	
13400.00	90.00	359.66	12074.00	1322.69	594.68	1352.03	0.00	
13500.00	90.00	359.66	12074.00	1422.69	594.08	1451.86	0.00	
13600.00	90.00	359.66	12074.00	1522.69	593.47	1551.68	0.00	
13700.00	90.00	359.66	12074.00	1622.69	592.87	1651.51	0.00	
13800.00	90.00	359.66	12074.00	1722.68	592.27	1751.34	0.00	
13900.00	90.00	359.66	12074.00	1822.68	591.67	1851.17	0.00	
14000.00	90.00	359.66	12074.00	1922.68	591.06	1951.00	0.00	
14100.00	90.00	359.66	12074.00	2022.68	590.46	2050.83	0.00	
14200.00	90.00	359.66	12074.00	2122.68	589.86	2150.66	0.00	
14300.00	90.00	359.66	12074.00	2222.67	589.26	2250.49	0.00	
14400.00	90.00	359.66	12074.00	2322.67	588.65	2350.32	0.00	
14500.00	90.00	359.66	12074.00	2422.67	588.05	2450.15	0.00	
14600.00	90.00	359.66	12074.00	2522.67	587.45	2549.98	0.00	
14700.00	90.00	359.66	12074.00	2622.67	586.85	2649.81	0.00	
14800.00	90.00	359.66	12074.00	2722.67	586.24	2749.64	0.00	
14900.00	90.00	359.66	12074.00	2822.66	585.64	2849.47	0.00	
15000.00	90.00	359.66	12074.00	2922.66	585.04	2949.30	0.00	
15100.00	90.00	359.66	12074.00	3022.66	584.43	3049.12	0.00	
15200.00	90.00	359.66	12074.00	3122.66	583.83	3148.95	0.00	
15300.00	90.00	359.66	12074.00	3222.66	583.23	3248.78	0.00	
15400.00	90.00	359.66	12074.00	3322.65	582.63	3348.61	0.00	
15500.00	90.00	359.66	12074.00	3422.65	582.02	3448.44	0.00	
15600.00	90.00	359.66	12074.00	3522.65	581.42	3548.27	0.00	
15700.00	90.00	359.66	12074.00	3622.65	580.82	3648.10	0.00	
15800.00	90.00	359.66	12074.00	3722.65	580.22	3747.93	0.00	
15900.00	90.00	359.66	12074.00	3822.65	579.61	3847.76	0.00	
16000.00	90.00	359.66	12074.00	3922.64	579.01	3947.59	0.00	
16100.00	90.00	359.66	12074.00	4022.64	578.41	4047.42	0.00	
16200.00	90.00	359.66	12074.00	4122.64	577.81	4147.25	0.00	
16300.00	90.00	359.66	12074.01	4222.64	577.20	4247.08	0.00	
16400.00	90.00	359.66	12074.01	4322.64	576.60	4346.91	0.00	
16500.00	90.00	359.66	12074.01	4422.63	576.00	4446.74	0.00	
16600.00	90.00	359.66	12074.01	4522.63	575.39	4546.56	0.00	
16700.00	90.00	359.66	12074.01	4622.63	574.79	4646.39	0.00	
16800.00	90.00	359.66	12074.01	4722.63	574.19	4746.22	0.00	
16900.00	90.00	359.66	12074.01	4822.63	573.59	4846.05	0.00	
17000.00	90.00	359.66	12074.01	4922.63	572.98	4945.88	0.00	
17100.00	90.00	359.66	12074.01	5022.62	572.38	5045.71	0.00	
17200.00	90.00	359.66	12074.01	5122.62	571.78	5145.54	0.00	
17300.00	90.00	359.66	12074.01	5222.62	571.18	5245.37	0.00	
17400.00	90.00	359.66	12074.01	5322.62	570.57	5345.20	0.00	
17500.00	90.00	359.66	12074.01	5422.62	569.97	5445.03	0.00	
17600.00	90.00	359.66	12074.01	5522.61	569.37	5544.86	0.00	
17700.00	90.00	359.66	12074.01	5622.61	568.77	5644.69	0.00	
17800.00	90.00	359.66	12074.01	5722.61	568.16	5744.52	0.00	
17900.00	90.00	359.66	12074.01	5822.61	567.56	5844.35	0.00	
18000.00	90.00	359.66	12074.01	5922.61	566.96	5944.18	0.00	
18100.00	90.00	359.66	12074.01	6022.61	566.35	6044.00	0.00	
18200.00	90.00	359.66	12074.01	6122.60	565.75	6143.83	0.00	
18300.00	90.00	359.66	12074.01	6222.60	565.15	6243.66	0.00	
18400.00	90.00	359.66	12074.01	6322.60	564.55	6343.49	0.00	
18500.00	90.00	359.66	12074.01	6422.60	563.94	6443.32	0.00	
18600.00	90.00	359.66	12074.01	6522.60	563.34	6543.15	0.00	
18700.00	90.00	359.66	12074.01	6622.59	562.74	6642.98	0.00	
18800.00	90.00	359.66	12074.01	6722.59	562.14	6742.81	0.00	
18900.00	90.00	359.66	12074.01	6822.59	561.53	6842.64	0.00	
19000.00	90.00	359.66	12074.01	6922.59	560.93	6942.47	0.00	
19100.00	90.00	359.66	12074.01	7022.59	560.33	7042.30	0.00	
19200.00	90.00	359.66	12074.01	7122.59	559.73	7142.13	0.00	
19300.00	90.00	359.66	12074.01	7222.58	559.12	7241.96	0.00	

MAGIC CAT 30-19 FED COM 733H



Well: MAGIC CAT 30-19 FED COM 733H
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
19400.00	90.00	359.66	12074.01	7322.58	558.52	7341.79	0.00	
19500.00	90.00	359.66	12074.01	7422.58	557.92	7441.62	0.00	
19600.00	90.00	359.66	12074.01	7522.58	557.31	7541.44	0.00	
19700.00	90.00	359.66	12074.01	7622.58	556.71	7641.27	0.00	
19800.00	90.00	359.66	12074.01	7722.57	556.11	7741.10	0.00	
19900.00	90.00	359.66	12074.01	7822.57	555.51	7840.93	0.00	
20000.00	90.00	359.66	12074.01	7922.57	554.90	7940.76	0.00	
20100.00	90.00	359.66	12074.01	8022.57	554.30	8040.59	0.00	
20200.00	90.00	359.66	12074.01	8122.57	553.70	8140.42	0.00	
20300.00	90.00	359.66	12074.01	8222.57	553.10	8240.25	0.00	
20400.00	90.00	359.66	12074.01	8322.56	552.49	8340.08	0.00	
20500.00	90.00	359.66	12074.01	8422.56	551.89	8439.91	0.00	
20600.00	90.00	359.66	12074.01	8522.56	551.29	8539.74	0.00	
20700.00	90.00	359.66	12074.01	8622.56	550.69	8639.57	0.00	
20800.00	90.00	359.66	12074.01	8722.56	550.08	8739.40	0.00	
20900.00	90.00	359.66	12074.01	8822.55	549.48	8839.23	0.00	
21000.00	90.00	359.66	12074.01	8922.55	548.88	8939.05	0.00	
21100.00	90.00	359.66	12074.01	9022.55	548.27	9038.88	0.00	
21200.00	90.00	359.66	12074.01	9122.55	547.67	9138.71	0.00	
21300.00	90.00	359.66	12074.01	9222.55	547.07	9238.54	0.00	
21400.00	90.00	359.66	12074.01	9322.55	546.47	9338.37	0.00	
21500.00	90.00	359.66	12074.01	9422.54	545.86	9438.20	0.00	
21600.00	90.00	359.66	12074.01	9522.54	545.26	9538.03	0.00	
21700.00	90.00	359.66	12074.01	9622.54	544.66	9637.86	0.00	
21800.00	90.00	359.66	12074.01	9722.54	544.06	9737.69	0.00	
21900.00	90.00	359.66	12074.01	9822.54	543.45	9837.52	0.00	
22000.00	90.00	359.66	12074.01	9922.53	542.85	9937.35	0.00	
22100.00	90.00	359.66	12074.01	10022.53	542.25	10037.18	0.00	
22200.00	90.00	359.66	12074.01	10122.53	541.65	10137.01	0.00	
22300.00	90.00	359.66	12074.01	10222.53	541.04	10236.84	0.00	
22303.53	90.00	359.66	12074.01	10226.06	541.02	10240.36	0.00	Exit
22383.53	90.00	359.66	12074.00	10306.06	540.59	10320.23	0.00	BHL

MAGIC CAT 30-19 FED COM 733H

Well: MAGIC CAT 30-19 FED COM 733H
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) 476-3470 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 40135

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 40135
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/20/2021