

Well Name: RAGIN CAJUN 12-13 FED COM	Well Location: T26S / R34E / SEC 12 / NENW / 32.063655 / -103.426019	County or Parish/State: LEA / NM
Well Number: 12H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM100567	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547554	Well Status: Producing Oil Well	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2723636

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 03/30/2023

Time Sundry Submitted: 01:51

Date proposed operation will begin: 03/30/2023

Procedure Description: Devon Energy Production Company, L.P. respectfully requests the following changes to the original APD: BHL move from 20 FSL & 1300 FWL to 20 FSL & 1495 FWL, both 13-26S-34E TVD/MD change from 12,735'/23,019' to 12,772'/22,949' Please see attached revised C-102 and Drilling & Directional plans

NOI Attachments

Procedure Description

RAGIN_CAJUN_12_13_FED_COM_12H_C_102_Rev_20230330134839.pdf

Ragin_Cajun_12_13_Fed_Com_12H_20230330134529.pdf

Ragin_Cajun_12_13_Fed_Com_12H_Directional_Plan_03_28_23_20230330134529.pdf

Well Name: RACH CA UN 12-13 FED
COMWell Location: T26S / R34E / SEC 12 /
NENW / 32.063655 / -103.426019County or Parish/State: LEA /
NM

Well Number: 12H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM100567

Unit or CA Name:

Unit or CA Number:

US Well Number: 3002547554

Well Status: Producing Oil Well

Operator: DEVON ENERGY
PRODUCTION COMPANY LP**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: REBECCA DEAL

Signed on: MAR 30, 2023 01:51 PM

Name: DEVON ENERGY PRODUCTION COMPANY LP

Title: Regulatory Analyst

Street Address: 333 W SHERIDAN AVE

City: OKLAHOMA CITY

State: OK

Phone: (303) 299-1406

Email address: REBECCA.DEAL@DVN.COM

Field

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: 04/25/2023

Signature: Chris Walls

Form 3160-5 (June 2019)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT	FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021
SUNDRY NOTICES AND REPORTS ON WELLS <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMNM100567
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well ☒ Oil Well ☐ Gas Well ☐ Other		8. Well Name and No. RAGIN CAJUN 12-13 FED COM/121
2. Name of Operator DEVON ENERGY PRODUCTION COMPANY LP		9. API Well No. 3002547554
3a. Address 333 WEST SHERIDAN AVE, OKLAHOMA CITY,	3b. Phone No. (include area code) (405) 235-3611	10. Field and Pool or Exploratory Area WC-025 G-09 S263527D/WOLFCAMP
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 12/T26S/R34E/NMP		11. Country or Parish, State LEA/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA				
TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

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

Devon Energy Production Company, L.P. respectfully requests the following changes to the original APD:

BHL move from 20 FSL & 1300 FWL to 20 FSL & 1495 FWL, both 13-26S-34E

TVD/MD change from 12,735/23,019 to 12,772/22,949

Please see attached revised C-102 and Drilling & Directional plans

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) REBECCA DEAL / Ph: (303) 299-1406	Title Regulatory Analyst
Signature (Electronic Submission)	Date 03/30/2023

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved	Title Petroleum Engineer	Date 04/25/2023
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office CARLSBAD	

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: NENW / 547 FNL / 1908 FWL / TWSP: 26S / RANGE: 34E / SECTION: 12 / LAT: 32.063655 / LONG: -103.426019 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 100 FNL / 1300 FWL / TWSP: 26S / RANGE: 34E / SECTION: 12 / LAT: 32.064888 / LONG: -103.427982 (TVD: 12396 feet, MD: 12435 feet)

BHL: SWSW / 20 FSL / 1300 FWL / TWSP: 26S / RANGE: 34E / SECTION: 13 / LAT: 32.036179 / LONG: -103.427964 (TVD: 12735 feet, MD: 23019 feet)

CONFIDENTIAL

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 30-025-47554	Pool Code 98117	Pool Name WC-025 G-09 S263504N;WOLFCAMP
Property Code 329308	Property Name RAGIN CAJUN 12-13 FED COM	Well Number 12H
OGRID No. 6137	Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	Elevation 3278.2'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	12	26-S	34-E		547	NORTH	1908	WEST	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
N	13	26-S	34-E		20	SOUTH	1495	WEST	LEA
Dedicated Acres 640	Joint or Infill	Consolidation Code	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

RAGIN CAJUN 12-13 FED COM 12H

547' FNL 1908' FWL SEC. 12
EL: 3278.2'
GEODETIC COORDINATES
NAD 83 NMSP EAST
SURFACE LOCATION
LAT:32.063655
LON:103.426019
N:388076.65
E:822404.89

KICK OFF POINT
CALLS: 49' FNL, 1495' FWL
N: _____
E: _____

LAT: 32.0649
LON: 103.4274

FIRST TAKE POINT (PPP 1)
100' FNL 1495' FWL SEC. 12
LAT:32.064887
LON:103.427352
N:388521.40
E:821988.04

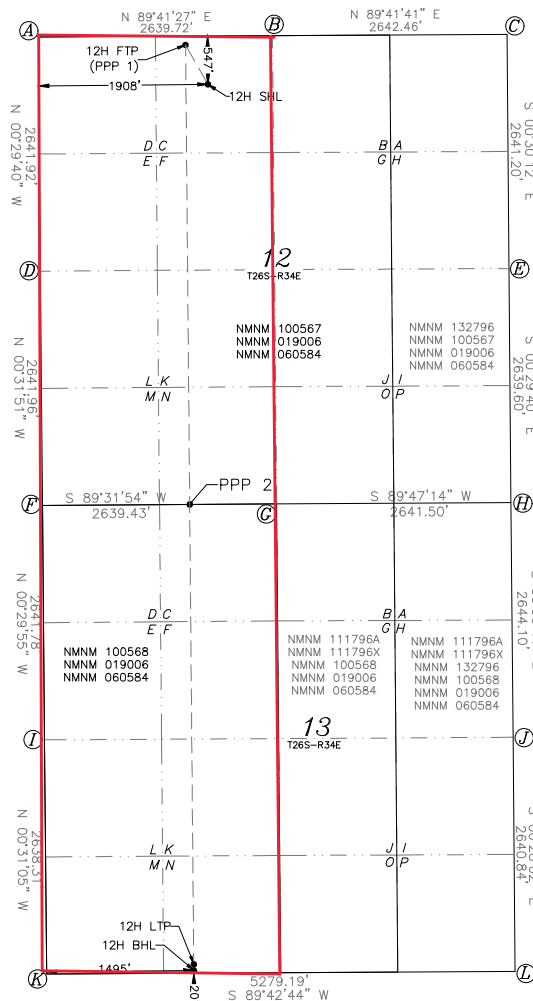
LAST TAKE POINT
100' FSL 1495' FWL SEC. 13
LAT:32.036397
LON:103.427335
N:378157.29
E:822080.38

BOTTOM OF HOLE
20' FSL 1495' FWL SEC. 13
LAT:32.036178
LON:103.427335
N:378077.30
E:822081.11

PPP 2
0' FNL 1495' FWL SEC. 12
LAT:32.050649
LON:103.427344
N:383341.88
E:822034.19

CORNER COORDINATES TABLE
NAD 83 NMSP EAST

A = N:388613.34 E:820492.19
B = N:388627.58 E:823131.87
C = N:388641.65 E:825774.30
D = N:385971.51 E:820514.99
E = N:386000.56 E:825797.50
F = N:383329.67 E:820539.46
G = N:383351.24 E:823178.80
H = N:383361.06 E:825820.28
I = N:380687.99 E:820562.44
J = N:380717.06 E:825843.87
K = N:378049.79 E:820586.29
L = N:378076.31 E:825865.41



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.

Rebecca Deal 3/28/2023
Signature Date

Rebecca Deal, Regulatory Analyst
Printed Name

rebecca.deal@dvn.com
E-mail Address

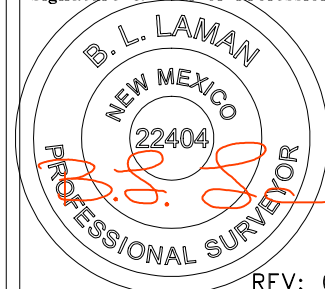
SURVEYOR CERTIFICATION

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.

10/2019

Date of Survey

Signature & Seal of Professional Surveyor



REV: 03/24/23

Certificate No. 22404 B.L. LAMAN
DRAWN BY: CM

Intent ☒ As Drilled ☐

API # 30-025-47554		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP.	Property Name: RAGIN CAJUN 12-13 FED COM	Well Number 12H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	12	26S	34E		49	FNL	1495	FWL	LEA
Latitude 32.0649					Longitude -103.4274				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	12	26-S	34-E		100	NORTH	1495	WEST	LEA
Latitude 32.064887					Longitude 103.427352				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	13	26-S	34-E		100	SOUTH	1495	WEST	LEA
Latitude 32.036397					Longitude 103.427335				NAD 83

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

☐ N

Is this well an infill well?

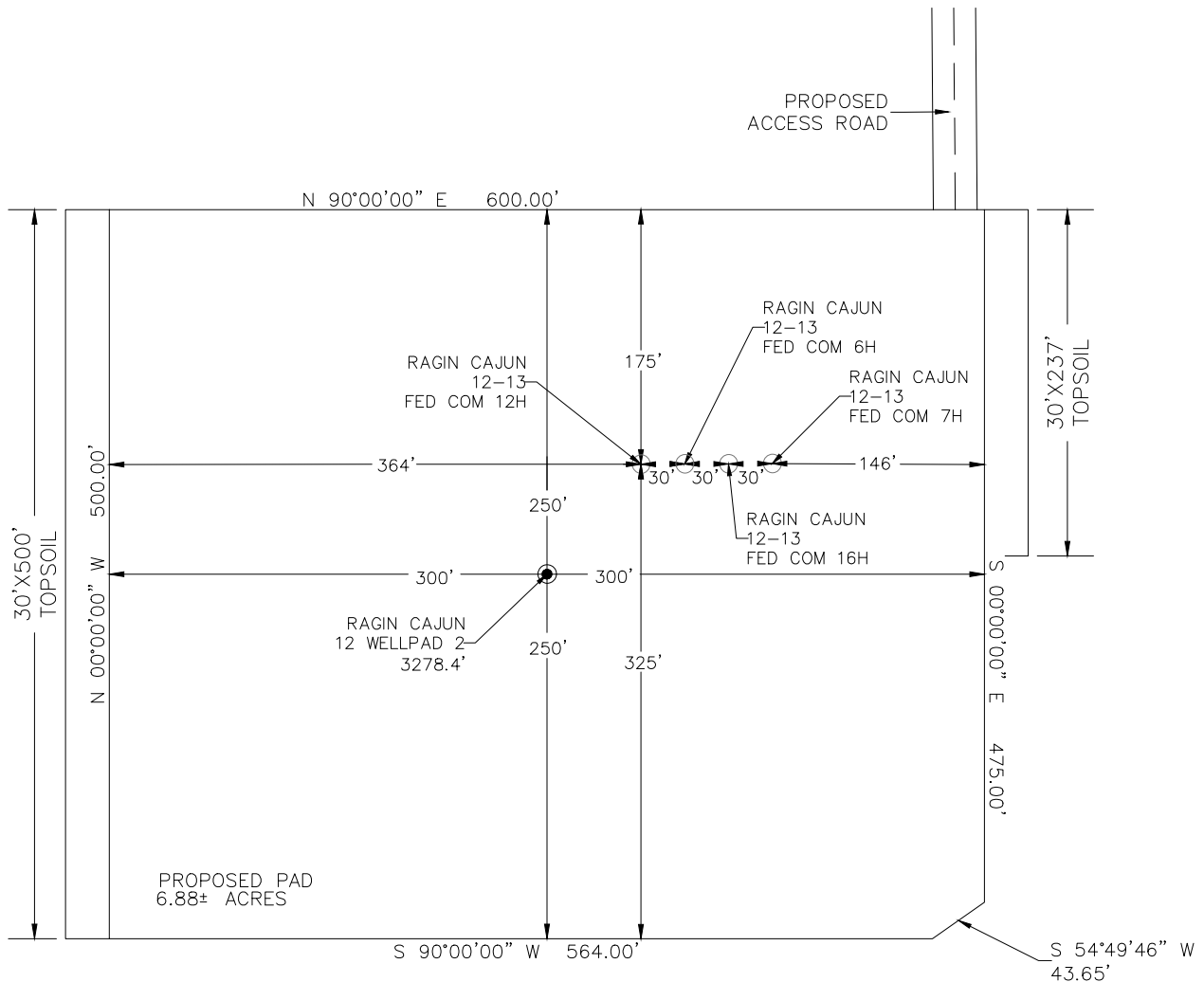
☐ Y

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

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, LP	Property Name: Ragin Cajun 12-13 Fed Com	Well Number 15H

KZ 06/29/2018

SECTION 12, TOWNSHIP 26 SOUTH, RANGE 34 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
RAGIN CAJUN 12 WELLPAD 2 SITE MAP

RAGIN CAJUN 12-13 FED COM 12H

547' FNL 1908' FWL SEC. 12
EL: 3278.2'
N: 388076.65
E: 822404.89

RAGIN CAJUN 12-13 FED COM 6H

547' FNL 1938' FWL SEC. 12
EL: 3278.0'
N: 388076.81
E: 822434.89

RAGIN CAJUN 12-13 FED COM 16H

547' FNL 1968' FWL SEC. 12
EL: 3278.7'
N: 388076.97
E: 822464.89

RAGIN CAJUN 12-13 FED COM 7H

547' FNL 1998' FWL SEC. 12
EL: 3279.2'
N: 388077.13
E: 822494.89

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.

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF BENNETVILLE ROAD AND FRYING PAN ROAD, HEAD SOUTHWEST ON FRYING PAN ROAD FOR 0.58 MILES. TURN RIGHT ONTO PIPELINE ROAD AND TRAVEL 12.49 MILES. TURN LEFT ON THE PROPOSED ACCESS ROAD AND TRAVEL 323' TO THE NORTHEAST CORNER OF THE RAGIN CAJUN 12 WELLPAD 2.

HORIZON ROW LLC

DEVON ENERGY PRODUCTION CO., L.P.

Drawn by:
CHRIS MAAS

Date: 11/03/2019
REV: 03/23/2023

Drawn for:

Ragin Cajun 12-13 Fed Com 12H

1. Geologic Formations

TVD of target	12772	Pilot hole depth	N/A
MD at TD:	22949	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	930		
Salt	1400		
Base of Salt	5070		
Delaware	5350		
Cherry Canyon	6390		
Brushy Canyon	8000		
1st Bone Spring Lime	9330		
Bone Spring 1st	10520		
Bone Spring 2nd	11060		
3rd Bone Spring Lime	11560		
Bone Spring 3rd	12150		
Wolfcamp	12590		

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

Ragin Cajun 12-13 Fed Com 12H

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)
14 3/4	10 3/4	40 1/2	J-55	BTC	0	955	0	955
9 7/8	8 5/8	32	P110	Sprint FJ	0	11950	0	11950
7 7/8	5 1/2	17	P110	BTC	0	22949	0	12772

• 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	# Sk	TOC	Wt. ppg	Yld (ft3/sack)	Slurry Description
Surface	578	Surf	13.2	1.44	Lead: Class C Cement + additives
Int 1	396	Surf	9	3.27	Lead: Class C Cement + additives
	460	8000	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	900	Surf	13.2	1.44	Squeeze Lead: Class C Cement + additives
	396	Surf	9	3.27	Lead: Class C Cement + additives
	460	8000	13.2	1.44	Tail: Class H / C + additives
Production	117	10125	9	3.27	Lead: Class H / C + additives
	1432	12125	13.2	1.44	Tail: Class H / C + additives

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.

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

Ragin Cajun 12-13 Fed Com 12H

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					

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	6973
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.

Ragin Cajun 12-13 Fed Com 12H

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

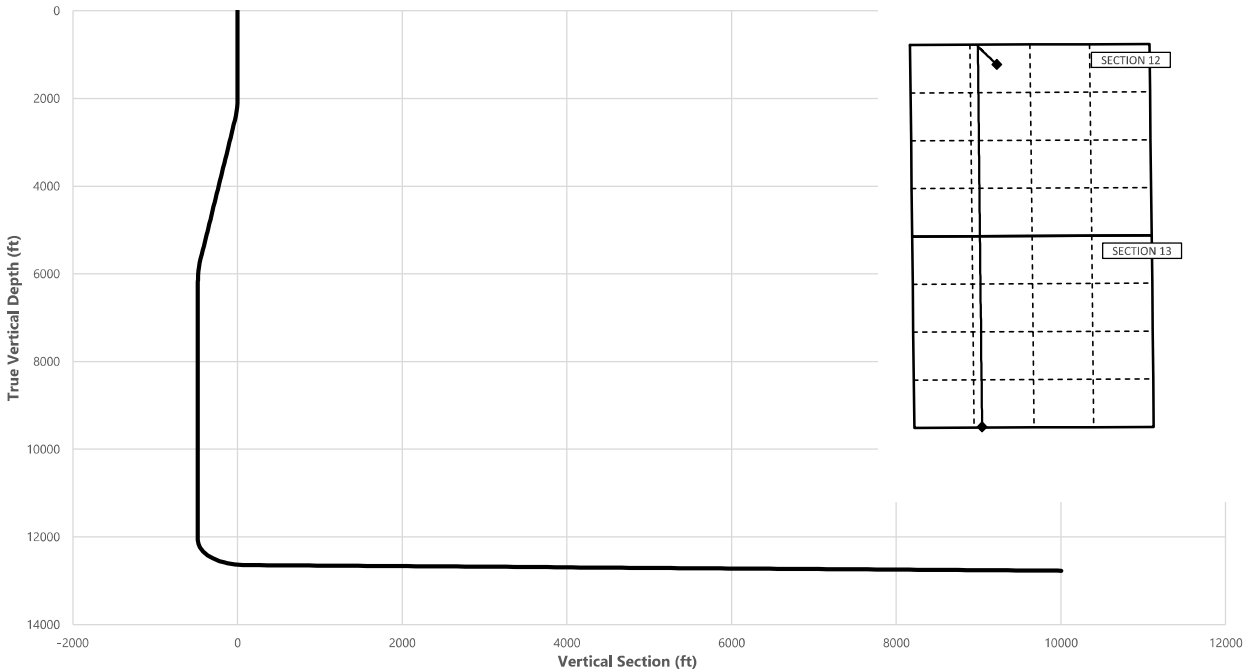
X Directional Plan
 Other, describe



Well: Ragin Cajun 12-13 Fed Com 12H
County: Eddy
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	320.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	320.00	2497.47	33.34	-27.98	-32.42	2.00	Hold Tangent
5729.48	10.00	320.00	5677.88	462.93	-388.45	-450.15	0.00	Drop to Vertical
6229.48	0.00	320.00	6175.35	496.27	-416.42	-482.57	2.00	Hold Vertical
12125.22	0.00	179.49	12071.09	496.27	-416.42	-482.57	0.00	KOP
13017.78	89.26	179.49	12644.00	-69.22	-411.39	82.47	10.00	Landing Point
22948.79	89.26	179.49	12773.00	-9999.00	-323.00	10004.22	0.00	BHL



Key Depths	MD (ft)	TVD (ft)
Rustler	930.00	930.00
Salt	1400.00	1400.00
Base of Salt	5112.22	5070.00
Delaware	5396.54	5350.00
Cherry Canyon	6444.13	6390.00
Brushy Canyon	8054.13	8000.00
1st Bone Spring Lime	9384.13	9330.00
Bone Spring 1st	10574.13	10520.00
Bone Spring 2nd	11114.13	11060.00
3rd Bone Spring Lime	11614.13	11560.00
Bone Spring 3rd	12204.38	12150.00
Wolfcamp / Point of Penetration	12774.36	12590.00
exit	22868.79	12771.97

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.0636	-103.4261	547' FNL, 1908' FWL of Sec 12 in T26S, R34E
12125.22	12071.09	32.0649	-103.4274	49' FNL, 1495' FWL of Sec 12 in T26S, R34E
12774.36	12590.00	32.0649	-103.4274	100' FNL, 1495' FWL of Sec 12 in T26S, R34E
22868.79	12771.97	32.0364	-103.4273	100' FSL, 1495' FWL of Sec 13 in T26S, R34E
22948.79	12773.00	32.0361	-103.4274	20' FSL, 1495' FWL of Sec 13 in T26S, R34E

Ragin Cajun 12-13 Fed Com 12H



Well: Ragin Cajun 12-13 Fed Com 12H
County: Eddy
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
100.00	0.00	320.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	320.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	320.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	320.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	320.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	320.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	320.00	700.00	0.00	0.00	0.00	0.00	
800.00	0.00	320.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	320.00	900.00	0.00	0.00	0.00	0.00	
930.00	0.00	320.00	930.00	0.00	0.00	0.00	0.00	Rustler
1000.00	0.00	320.00	1000.00	0.00	0.00	0.00	0.00	
1100.00	0.00	320.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	320.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	320.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	320.00	1400.00	0.00	0.00	0.00	0.00	Salt,
1500.00	0.00	320.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	320.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	320.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	320.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	320.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	320.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	320.00	2099.98	1.34	-1.12	-1.30	2.00	
2200.00	4.00	320.00	2199.84	5.35	-4.49	-5.20	2.00	
2300.00	6.00	320.00	2299.45	12.02	-10.09	-11.69	2.00	
2400.00	8.00	320.00	2398.70	21.36	-17.92	-20.77	2.00	
2500.00	10.00	320.00	2497.47	33.34	-27.98	-32.42	2.00	Hold Tangent
2600.00	10.00	320.00	2595.95	46.64	-39.14	-45.35	0.00	
2700.00	10.00	320.00	2694.43	59.94	-50.30	-58.29	0.00	
2800.00	10.00	320.00	2792.91	73.25	-61.46	-71.22	0.00	
2900.00	10.00	320.00	2891.39	86.55	-72.62	-84.16	0.00	
3000.00	10.00	320.00	2989.87	99.85	-83.79	-97.09	0.00	
3100.00	10.00	320.00	3088.35	113.15	-94.95	-110.03	0.00	
3200.00	10.00	320.00	3186.83	126.46	-106.11	-122.96	0.00	
3300.00	10.00	320.00	3285.31	139.76	-117.27	-135.90	0.00	
3400.00	10.00	320.00	3383.79	153.06	-128.43	-148.83	0.00	
3500.00	10.00	320.00	3482.27	166.36	-139.60	-161.77	0.00	
3600.00	10.00	320.00	3580.75	179.66	-150.76	-174.70	0.00	
3700.00	10.00	320.00	3679.23	192.97	-161.92	-187.64	0.00	
3800.00	10.00	320.00	3777.72	206.27	-173.08	-200.57	0.00	
3900.00	10.00	320.00	3876.20	219.57	-184.24	-213.51	0.00	
4000.00	10.00	320.00	3974.68	232.87	-195.40	-226.44	0.00	
4100.00	10.00	320.00	4073.16	246.17	-206.57	-239.38	0.00	
4200.00	10.00	320.00	4171.64	259.48	-217.73	-252.31	0.00	
4300.00	10.00	320.00	4270.12	272.78	-228.89	-265.25	0.00	
4400.00	10.00	320.00	4368.60	286.08	-240.05	-278.18	0.00	
4500.00	10.00	320.00	4467.08	299.38	-251.21	-291.12	0.00	
4600.00	10.00	320.00	4565.56	312.69	-262.38	-304.05	0.00	
4700.00	10.00	320.00	4664.04	325.99	-273.54	-316.99	0.00	
4800.00	10.00	320.00	4762.52	339.29	-284.70	-329.92	0.00	
4900.00	10.00	320.00	4861.00	352.59	-295.86	-342.86	0.00	
5000.00	10.00	320.00	4959.48	365.89	-307.02	-355.79	0.00	
5100.00	10.00	320.00	5057.97	379.20	-318.19	-368.73	0.00	
5112.22	10.00	320.00	5070.00	380.82	-319.55	-370.31	0.00	Base of Salt
5200.00	10.00	320.00	5156.45	392.50	-329.35	-381.66	0.00	
5300.00	10.00	320.00	5254.93	405.80	-340.51	-394.59	0.00	
5396.54	10.00	320.00	5350.00	418.64	-351.29	-407.08	0.00	Delaware
5400.00	10.00	320.00	5353.41	419.10	-351.67	-407.53	0.00	
5500.00	10.00	320.00	5451.89	432.40	-362.83	-420.46	0.00	
5600.00	10.00	320.00	5550.37	445.71	-374.00	-433.40	0.00	
5700.00	10.00	320.00	5648.85	459.01	-385.16	-446.33	0.00	
5729.48	10.00	320.00	5677.88	462.93	-388.45	-450.15	0.00	Drop to Vertical
5800.00	8.59	320.00	5747.47	471.66	-395.77	-458.63	2.00	
5900.00	6.59	320.00	5846.59	481.78	-404.26	-468.47	2.00	
6000.00	4.59	320.00	5946.11	489.24	-410.52	-475.73	2.00	
6100.00	2.59	320.00	6045.91	494.03	-414.54	-480.39	2.00	
6200.00	0.59	320.00	6145.87	496.16	-416.33	-482.46	2.00	
6229.48	0.00	320.00	6175.35	496.27	-416.42	-482.57	2.00	Hold Vertical
6300.00	0.00	179.49	6245.87	496.27	-416.42	-482.57	0.00	
6400.00	0.00	179.49	6345.87	496.27	-416.42	-482.57	0.00	

Ragin Cajun 12-13 Fed Com 12H



Well: Ragin Cajun 12-13 Fed Com 12H
County: Eddy
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
6444.13	0.00	179.49	6390.00	496.27	-416.42	-482.57	0.00	Cherry Canyon
6500.00	0.00	179.49	6445.87	496.27	-416.42	-482.57	0.00	
6600.00	0.00	179.49	6545.87	496.27	-416.42	-482.57	0.00	
6700.00	0.00	179.49	6645.87	496.27	-416.42	-482.57	0.00	
6800.00	0.00	179.49	6745.87	496.27	-416.42	-482.57	0.00	
6900.00	0.00	179.49	6845.87	496.27	-416.42	-482.57	0.00	
7000.00	0.00	179.49	6945.87	496.27	-416.42	-482.57	0.00	
7100.00	0.00	179.49	7045.87	496.27	-416.42	-482.57	0.00	
7200.00	0.00	179.49	7145.87	496.27	-416.42	-482.57	0.00	
7300.00	0.00	179.49	7245.87	496.27	-416.42	-482.57	0.00	
7400.00	0.00	179.49	7345.87	496.27	-416.42	-482.57	0.00	
7500.00	0.00	179.49	7445.87	496.27	-416.42	-482.57	0.00	
7600.00	0.00	179.49	7545.87	496.27	-416.42	-482.57	0.00	
7700.00	0.00	179.49	7645.87	496.27	-416.42	-482.57	0.00	
7800.00	0.00	179.49	7745.87	496.27	-416.42	-482.57	0.00	Brushy Canyon
7900.00	0.00	179.49	7845.87	496.27	-416.42	-482.57	0.00	
8000.00	0.00	179.49	7945.87	496.27	-416.42	-482.57	0.00	
8054.13	0.00	179.49	8000.00	496.27	-416.42	-482.57	0.00	
8100.00	0.00	179.49	8045.87	496.27	-416.42	-482.57	0.00	
8200.00	0.00	179.49	8145.87	496.27	-416.42	-482.57	0.00	
8300.00	0.00	179.49	8245.87	496.27	-416.42	-482.57	0.00	
8400.00	0.00	179.49	8345.87	496.27	-416.42	-482.57	0.00	
8500.00	0.00	179.49	8445.87	496.27	-416.42	-482.57	0.00	
8600.00	0.00	179.49	8545.87	496.27	-416.42	-482.57	0.00	
8700.00	0.00	179.49	8645.87	496.27	-416.42	-482.57	0.00	
8800.00	0.00	179.49	8745.87	496.27	-416.42	-482.57	0.00	
8900.00	0.00	179.49	8845.87	496.27	-416.42	-482.57	0.00	1st Bone Spring Lime
9000.00	0.00	179.49	8945.87	496.27	-416.42	-482.57	0.00	
9100.00	0.00	179.49	9045.87	496.27	-416.42	-482.57	0.00	
9200.00	0.00	179.49	9145.87	496.27	-416.42	-482.57	0.00	
9300.00	0.00	179.49	9245.87	496.27	-416.42	-482.57	0.00	
9384.13	0.00	179.49	9330.00	496.27	-416.42	-482.57	0.00	
9400.00	0.00	179.49	9345.87	496.27	-416.42	-482.57	0.00	
9500.00	0.00	179.49	9445.87	496.27	-416.42	-482.57	0.00	
9600.00	0.00	179.49	9545.87	496.27	-416.42	-482.57	0.00	
9700.00	0.00	179.49	9645.87	496.27	-416.42	-482.57	0.00	
9800.00	0.00	179.49	9745.87	496.27	-416.42	-482.57	0.00	
9900.00	0.00	179.49	9845.87	496.27	-416.42	-482.57	0.00	
10000.00	0.00	179.49	9945.87	496.27	-416.42	-482.57	0.00	Bone Spring 1st
10100.00	0.00	179.49	10045.87	496.27	-416.42	-482.57	0.00	
10200.00	0.00	179.49	10145.87	496.27	-416.42	-482.57	0.00	
10300.00	0.00	179.49	10245.87	496.27	-416.42	-482.57	0.00	
10400.00	0.00	179.49	10345.87	496.27	-416.42	-482.57	0.00	
10500.00	0.00	179.49	10445.87	496.27	-416.42	-482.57	0.00	
10574.13	0.00	179.49	10520.00	496.27	-416.42	-482.57	0.00	
10600.00	0.00	179.49	10545.87	496.27	-416.42	-482.57	0.00	
10700.00	0.00	179.49	10645.87	496.27	-416.42	-482.57	0.00	
10800.00	0.00	179.49	10745.87	496.27	-416.42	-482.57	0.00	
10900.00	0.00	179.49	10845.87	496.27	-416.42	-482.57	0.00	
11000.00	0.00	179.49	10945.87	496.27	-416.42	-482.57	0.00	
11100.00	0.00	179.49	11045.87	496.27	-416.42	-482.57	0.00	Bone Spring 2nd
11114.13	0.00	179.49	11060.00	496.27	-416.42	-482.57	0.00	
11200.00	0.00	179.49	11145.87	496.27	-416.42	-482.57	0.00	
11300.00	0.00	179.49	11245.87	496.27	-416.42	-482.57	0.00	
11400.00	0.00	179.49	11345.87	496.27	-416.42	-482.57	0.00	3rd Bone Spring Lime
11500.00	0.00	179.49	11445.87	496.27	-416.42	-482.57	0.00	
11600.00	0.00	179.49	11545.87	496.27	-416.42	-482.57	0.00	
11614.13	0.00	179.49	11560.00	496.27	-416.42	-482.57	0.00	
11700.00	0.00	179.49	11645.87	496.27	-416.42	-482.57	0.00	
11800.00	0.00	179.49	11745.87	496.27	-416.42	-482.57	0.00	
11900.00	0.00	179.49	11845.87	496.27	-416.42	-482.57	0.00	
12000.00	0.00	179.49	11945.87	496.27	-416.42	-482.57	0.00	
12100.00	0.00	179.49	12045.87	496.27	-416.42	-482.57	0.00	
12125.22	0.00	179.49	12071.09	496.27	-416.42	-482.57	0.00	
12200.00	7.48	179.49	12145.66	491.40	-416.38	-477.70	10.00	Bone Spring 3rd
12204.38	7.92	179.49	12150.00	490.81	-416.37	-477.11	10.00	
12300.00	17.48	179.49	12243.17	469.82	-416.19	-456.14	10.00	
12400.00	27.48	179.49	12335.46	431.64	-415.85	-417.99	10.00	
12500.00	37.48	179.49	12419.71	378.01	-415.37	-364.41	10.00	
12600.00	47.48	179.49	12493.37	310.57	-414.77	-297.02	10.00	

Ragin Cajun 12-13 Fed Com 12H



Well: Ragin Cajun 12-13 Fed Com 12H
County: Eddy
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
12700.00	57.48	179.49	12554.20	231.36	-414.06	-217.87	10.00	
12774.36	64.91	179.49	12590.00	166.26	-413.48	-152.82	10.00	Wolfcamp / Point
12800.00	67.48	179.49	12600.35	142.80	-413.28	-129.38	10.00	
12900.00	77.48	179.49	12630.42	47.56	-412.43	-34.22	10.00	
13000.00	87.48	179.49	12643.49	-51.45	-411.55	64.71	10.00	
13017.78	89.26	179.49	12644.00	-69.22	-411.39	82.47	10.00	Landing Point
13100.00	89.26	179.49	12645.07	-151.43	-410.66	164.61	0.00	
13200.00	89.26	179.49	12646.37	-251.42	-409.77	264.52	0.00	
13300.00	89.26	179.49	12647.67	-351.40	-408.88	364.42	0.00	
13400.00	89.26	179.49	12648.97	-451.39	-407.99	464.33	0.00	
13500.00	89.26	179.49	12650.27	-551.38	-407.10	564.24	0.00	
13600.00	89.26	179.49	12651.56	-651.37	-406.21	664.14	0.00	
13700.00	89.26	179.49	12652.86	-751.35	-405.32	764.05	0.00	
13800.00	89.26	179.49	12654.16	-851.34	-404.43	863.96	0.00	
13900.00	89.26	179.49	12655.46	-951.33	-403.53	963.86	0.00	
14000.00	89.26	179.49	12656.76	-1051.32	-402.64	1063.77	0.00	
14100.00	89.26	179.49	12658.06	-1151.30	-401.75	1163.68	0.00	
14200.00	89.26	179.49	12659.36	-1251.29	-400.86	1263.58	0.00	
14300.00	89.26	179.49	12660.66	-1351.28	-399.97	1363.49	0.00	
14400.00	89.26	179.49	12661.96	-1451.27	-399.08	1463.40	0.00	
14500.00	89.26	179.49	12663.26	-1551.26	-398.19	1563.30	0.00	
14600.00	89.26	179.49	12664.56	-1651.24	-397.30	1663.21	0.00	
14700.00	89.26	179.49	12665.85	-1751.23	-396.41	1763.12	0.00	
14800.00	89.26	179.49	12667.15	-1851.22	-395.52	1863.02	0.00	
14900.00	89.26	179.49	12668.45	-1951.21	-394.63	1962.93	0.00	
15000.00	89.26	179.49	12669.75	-2051.19	-393.74	2062.84	0.00	
15100.00	89.26	179.49	12671.05	-2151.18	-392.85	2162.74	0.00	
15200.00	89.26	179.49	12672.35	-2251.17	-391.96	2262.65	0.00	
15300.00	89.26	179.49	12673.65	-2351.16	-391.07	2362.56	0.00	
15400.00	89.26	179.49	12674.95	-2451.14	-390.18	2462.46	0.00	
15500.00	89.26	179.49	12676.25	-2551.13	-389.29	2562.37	0.00	
15600.00	89.26	179.49	12677.55	-2651.12	-388.40	2662.28	0.00	
15700.00	89.26	179.49	12678.85	-2751.11	-387.51	2762.18	0.00	
15800.00	89.26	179.49	12680.14	-2851.09	-386.62	2862.09	0.00	
15900.00	89.26	179.49	12681.44	-2951.08	-385.73	2962.00	0.00	
16000.00	89.26	179.49	12682.74	-3051.07	-384.84	3061.90	0.00	
16100.00	89.26	179.49	12684.04	-3151.06	-383.95	3161.81	0.00	
16200.00	89.26	179.49	12685.34	-3251.04	-383.06	3261.72	0.00	
16300.00	89.26	179.49	12686.64	-3351.03	-382.17	3361.62	0.00	
16400.00	89.26	179.49	12687.94	-3451.02	-381.28	3461.53	0.00	
16500.00	89.26	179.49	12689.24	-3551.01	-380.39	3561.44	0.00	
16600.00	89.26	179.49	12690.54	-3650.99	-379.50	3661.34	0.00	
16700.00	89.26	179.49	12691.84	-3750.98	-378.61	3761.25	0.00	
16800.00	89.26	179.49	12693.14	-3850.97	-377.72	3861.16	0.00	
16900.00	89.26	179.49	12694.43	-3950.96	-376.83	3961.06	0.00	
17000.00	89.26	179.49	12695.73	-4050.95	-375.94	4060.97	0.00	
17100.00	89.26	179.49	12697.03	-4150.93	-375.05	4160.88	0.00	
17200.00	89.26	179.49	12698.33	-4250.92	-374.16	4260.78	0.00	
17300.00	89.26	179.49	12699.63	-4350.91	-373.26	4360.69	0.00	
17400.00	89.26	179.49	12700.93	-4450.90	-372.37	4460.60	0.00	
17500.00	89.26	179.49	12702.23	-4550.88	-371.48	4560.50	0.00	
17600.00	89.26	179.49	12703.53	-4650.87	-370.59	4660.41	0.00	
17700.00	89.26	179.49	12704.83	-4750.86	-369.70	4760.32	0.00	
17800.00	89.26	179.49	12706.13	-4850.85	-368.81	4860.22	0.00	
17900.00	89.26	179.49	12707.43	-4950.83	-367.92	4960.13	0.00	
18000.00	89.26	179.49	12708.72	-5050.82	-367.03	5060.04	0.00	
18100.00	89.26	179.49	12710.02	-5150.81	-366.14	5159.95	0.00	
18200.00	89.26	179.49	12711.32	-5250.80	-365.25	5259.85	0.00	
18300.00	89.26	179.49	12712.62	-5350.78	-364.36	5359.76	0.00	
18400.00	89.26	179.49	12713.92	-5450.77	-363.47	5459.67	0.00	
18500.00	89.26	179.49	12715.22	-5550.76	-362.58	5559.57	0.00	
18600.00	89.26	179.49	12716.52	-5650.75	-361.69	5659.48	0.00	
18700.00	89.26	179.49	12717.82	-5750.73	-360.80	5759.39	0.00	
18800.00	89.26	179.49	12719.12	-5850.72	-359.91	5859.29	0.00	
18900.00	89.26	179.49	12720.42	-5950.71	-359.02	5959.20	0.00	
19000.00	89.26	179.49	12721.72	-6050.70	-358.13	6059.11	0.00	
19100.00	89.26	179.49	12723.01	-6150.68	-357.24	6159.01	0.00	
19200.00	89.26	179.49	12724.31	-6250.67	-356.35	6258.92	0.00	
19300.00	89.26	179.49	12725.61	-6350.66	-355.46	6358.83	0.00	
19400.00	89.26	179.49	12726.91	-6450.65	-354.57	6458.73	0.00	



Well: Ragin Cajun 12-13 Fed Com 12H
County: Eddy
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	89.26	179.49	12728.21	-6550.64	-353.68	6558.64	0.00	
19600.00	89.26	179.49	12729.51	-6650.62	-352.79	6658.55	0.00	
19700.00	89.26	179.49	12730.81	-6750.61	-351.90	6758.45	0.00	
19800.00	89.26	179.49	12732.11	-6850.60	-351.01	6858.36	0.00	
19900.00	89.26	179.49	12733.41	-6950.59	-350.12	6958.27	0.00	
20000.00	89.26	179.49	12734.71	-7050.57	-349.23	7058.17	0.00	
20100.00	89.26	179.49	12736.01	-7150.56	-348.34	7158.08	0.00	
20200.00	89.26	179.49	12737.30	-7250.55	-347.45	7257.99	0.00	
20300.00	89.26	179.49	12738.60	-7350.54	-346.56	7357.89	0.00	
20400.00	89.26	179.49	12739.90	-7450.52	-345.67	7457.80	0.00	
20500.00	89.26	179.49	12741.20	-7550.51	-344.78	7557.71	0.00	
20600.00	89.26	179.49	12742.50	-7650.50	-343.88	7657.61	0.00	
20700.00	89.26	179.49	12743.80	-7750.49	-342.99	7757.52	0.00	
20800.00	89.26	179.49	12745.10	-7850.47	-342.10	7857.43	0.00	
20900.00	89.26	179.49	12746.40	-7950.46	-341.21	7957.33	0.00	
21000.00	89.26	179.49	12747.70	-8050.45	-340.32	8057.24	0.00	
21100.00	89.26	179.49	12749.00	-8150.44	-339.43	8157.15	0.00	
21200.00	89.26	179.49	12750.30	-8250.42	-338.54	8257.05	0.00	
21300.00	89.26	179.49	12751.59	-8350.41	-337.65	8356.96	0.00	
21400.00	89.26	179.49	12752.89	-8450.40	-336.76	8456.87	0.00	
21500.00	89.26	179.49	12754.19	-8550.39	-335.87	8556.77	0.00	
21600.00	89.26	179.49	12755.49	-8650.37	-334.98	8656.68	0.00	
21700.00	89.26	179.49	12756.79	-8750.36	-334.09	8756.59	0.00	
21800.00	89.26	179.49	12758.09	-8850.35	-333.20	8856.49	0.00	
21900.00	89.26	179.49	12759.39	-8950.34	-332.31	8956.40	0.00	
22000.00	89.26	179.49	12760.69	-9050.33	-331.42	9056.31	0.00	
22100.00	89.26	179.49	12761.99	-9150.31	-330.53	9156.21	0.00	
22200.00	89.26	179.49	12763.29	-9250.30	-329.64	9256.12	0.00	
22300.00	89.26	179.49	12764.59	-9350.29	-328.75	9356.03	0.00	
22400.00	89.26	179.49	12765.88	-9450.28	-327.86	9455.93	0.00	
22500.00	89.26	179.49	12767.18	-9550.26	-326.97	9555.84	0.00	
22600.00	89.26	179.49	12768.48	-9650.25	-326.08	9655.75	0.00	
22700.00	89.26	179.49	12769.78	-9750.24	-325.19	9755.65	0.00	
22800.00	89.26	179.49	12771.08	-9850.23	-324.30	9855.56	0.00	
22868.79	89.26	179.49	12771.97	-9919.01	-323.69	9924.29	0.00	exit
22900.00	89.26	179.49	12772.38	-9950.21	-323.41	9955.47	0.00	
22948.79	89.26	179.49	12773.00	-9999.00	-323.00	10004.22	0.00	BHL

Ragin Cajun 12-13 Fed Com 12H

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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 320490

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 320490
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	3/25/2024