

Well Name: BELLOQ 11-2 FED STATE COM	Well Location: T23S / R31E / SEC 11 / SWSW / 32.312154 / -103.7552145	County or Parish/State: EDDY / NM
Well Number: 811H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0404441	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001547284	Well Status: Approved Application for Permit to Drill	Operator: DEVON ENERGY PRODUCTION COMPANY LP

Notice of Intent

Sundry ID: 2668779

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/26/2022

Time Sundry Submitted: 03:54

Date proposed operation will begin: 04/26/2022

Procedure Description: SHL/BHL/NAME CHANGE Devon Energy Production Co., L.P. (Devon) respectfully requests to move the SHL(no new disturbance), BHL, and have a name change on the subject well. Drilling changes include: 4 string design, cement loss plan, and break test. Please see attached revised C102, Drill plan, directional plan. Permitted SHL: SWSW, 150 FSL, 590 FWL, 11-23S-31E Proposed SHL: SWSW, 100 FSL, 550 FWL, 10-23S-31E Permitted BHL: LOT 4, 20 FNL, 990 FWL, 2-23S-31E Proposed BHL: LOT 4, 20 FNL, 660 FWL, 2-23S- 31E Permitted Well name: BELLOQ 11 2 FED STATE COM 731H Proposed Well name: BELLOQ 11 2 FED STATE COM 811H

NOI Attachments

Procedure Description

- WA017899341_BELLOQ_11_2_FED_STATE_COM_811H_WL_R4_20220426151247.pdf
- MB_Wellhd_WC_4_STRING_13.375_10.75_8.625_5.5_20220426151240.pdf
- Belloq_11_2_Fed_State_Com_811H_Directional_Plan_01_10_22_20220426151240.pdf
- BELLOQ_11_2_FED_STATE_COM_811H__4_string_and_cement_remediation_20220426151240.pdf
- 8.625_32__P110EC_SPRINT_FJ_VST__4__20220426151240.pdf
- 5.50_20__P110EC_DWC_C_IS_PLUS_VST__2__20220426151239.pdf
- 1075_4550_J55_BTC_SC_BLP_Devon_20220426151239.pdf

Well Name: BELLOQ 11-2 FED STATE COM	Well Location: T23S / R31E / SEC 11 / SWSW / 32.312154 / -103.7552145	County or Parish/State: EDDY / NM
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Conditions of Approval

Additional

11_23_31_M_Sundry_ID_2668779_Belloq_11_2_Fed_State_Com_731H_Eddy_NM0404441_13_22d_5_6_2022_LV_2_0220506091850.pdf

Belloq_11_2_Fed_State_Com_811H_Dr_COA_Sundry_ID_2668779_20220506091850.pdf

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: JENNY HARMS	Signed on: APR 26, 2022 03:54 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 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: 05/06/2022
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 30-015-47284	² Pool Code 98123	³ Pool Name WC-015 G-08 S233102C; WOLFCAMP
⁴ Property Code 322487	⁵ Property Name BELLOQ 11-2 FED STATE COM	
⁷ OGRID No. 6137	⁸ Operator Name DEVON ENERGY PRODUCTION COMPANY, L.P.	⁶ Well Number 811H ⁹ Elevation 3428.5

¹⁰ Surface Location

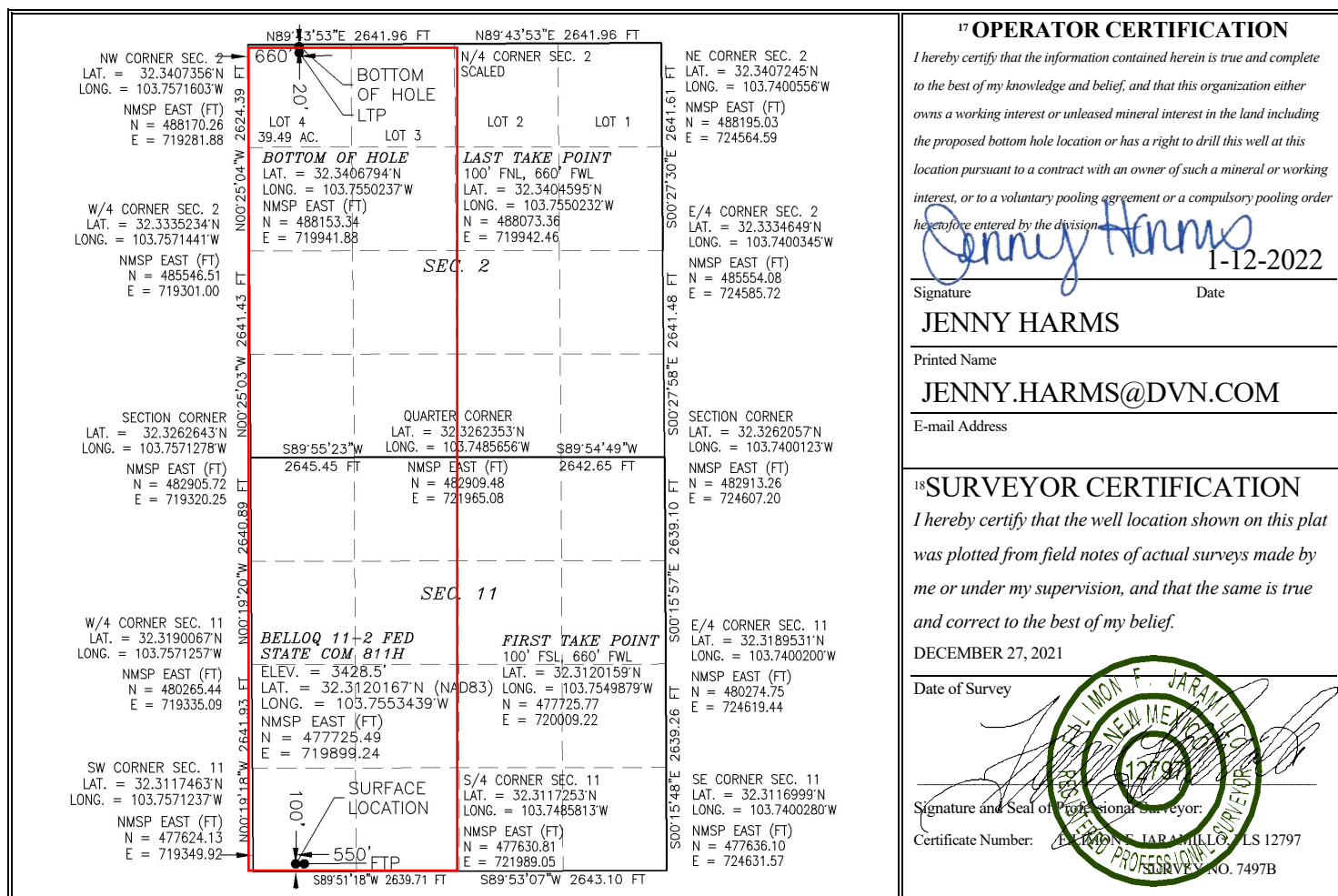
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	11	23 S	31 E		100	SOUTH	550	WEST	EDDY

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
4	2	23 S	31 E		20	NORTH	660	WEST	EDDY

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
619.13			

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.



Intent ☒ As Drilled ☐

API #		
Operator Name: DEVON ENERGY PRODUCTION COMPANY, L.P.	Property Name: BELLOQ 11-2 FED STATE COM	Well Number 811H

Kick Off Point (KOP)

UL	Section 11	Township 23S	Range 31E	Lot	Feet 48 FSL	From N/S	Feet 660 FWL	From E/W	County EDDY
Latitude 32.31178005					Longitude -103.75507005				NAD 83

First Take Point (FTP)

UL M	Section 11	Township 23S	Range 31E	Lot	Feet 100	From N/S SOUTH	Feet 660	From E/W WEST	County EDDY
Latitude 32.3120159					Longitude 103.7549879				NAD 83

Last Take Point (LTP)

UL D	Section 2	Township 23S	Range 31E	Lot 4	Feet 100	From N/S NORTH	Feet 660	From E/W WEST	County EDDY
Latitude 32.3404595					Longitude 103.7550232				NAD 83

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

☐ N

Is this well an infill well?

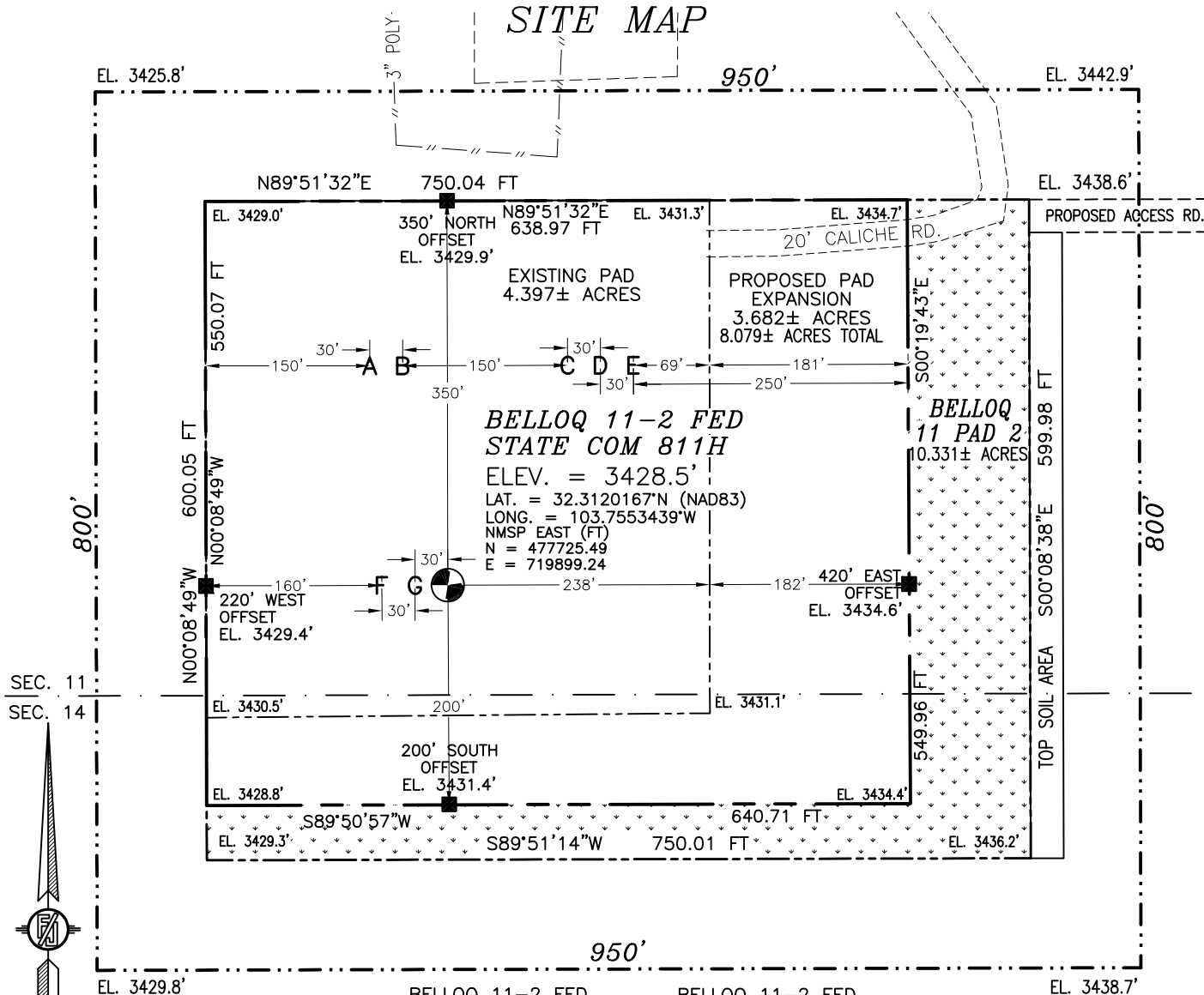
☐ Y

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
SITE MAP



A BELLOQ 11-2 FED STATE COM 231H
B BELLOQ 11 FED 222H
C BELLOQ 11-2 FED STATE COM 521H
D BELLOQ 11-2 FED STATE COM 511H

E BELLOQ 11-2 FED STATE COM 525H
F BELLOQ 11-2 FED STATE COM 711H
G BELLOQ 11-2 FED STATE COM 611H
H BELLOQ 11-2 FED STATE COM 811H

015 75 150 300
SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM STATE HIGHWAY 128 AND CR 798 (RED ROAD) GO NORTH ON CR 798 4.7 MILES, TURN LEFT ON CALICHE ROAD AND GO WEST 0.15 OF A MILE, BEND RIGHT AND GO NORTHWEST 0.2 OF A MILE, TURN LEFT AND GO SOUTHWEST 0.6 OF A MILE, TURN LEFT AND GO SOUTH 660' TO PROPOSED ROAD SURVEY AND FOLLOW FLAGS SOUTHEAST 431', THEN SOUTH TO THE NORTHEAST PAD CORNER.

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

DEVON ENERGY PRODUCTION COMPANY, L.P.
BELLOQ 11-2 FED STATE COM 811H
LOCATED 100 FT. FROM THE SOUTH LINE
AND 550 FT. FROM THE WEST LINE OF
SECTION 11, TOWNSHIP 23 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

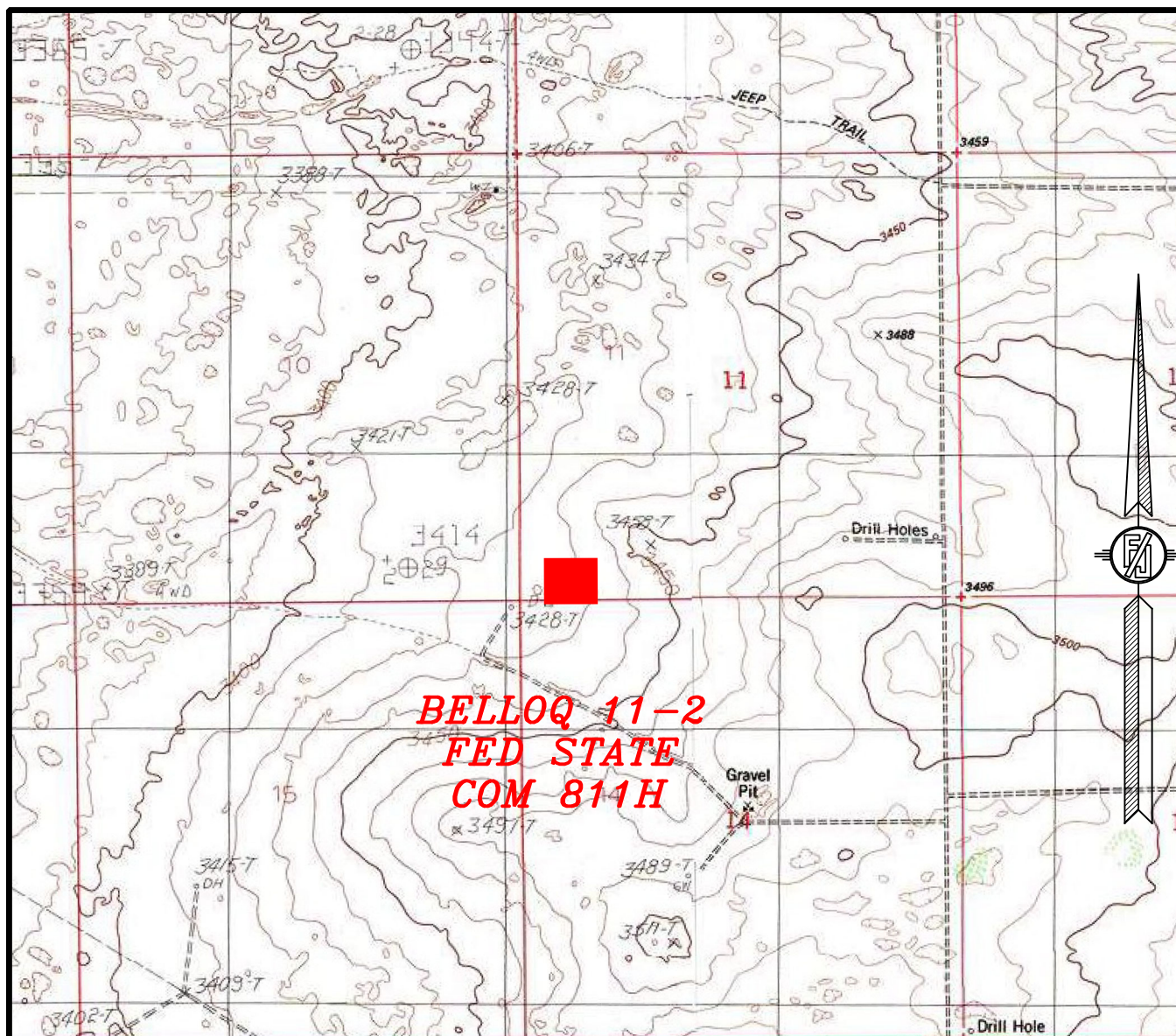
DECEMBER 27, 2021

SURVEY NO. 7497B

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

CARLSBAD, NEW MEXICO

SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 LOCATION VERIFICATION MAP



USGS QUAD MAP:
 LOS MEDANOS
 BOOTLEG RIDGE

NOT TO SCALE

DEVON ENERGY PRODUCTION COMPANY, L.P.
BELLOQ 11-2 FED STATE COM 811H
 LOCATED 100 FT. FROM THE SOUTH LINE
 AND 550 FT. FROM THE WEST LINE OF
 SECTION 11, TOWNSHIP 23 SOUTH,
 RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

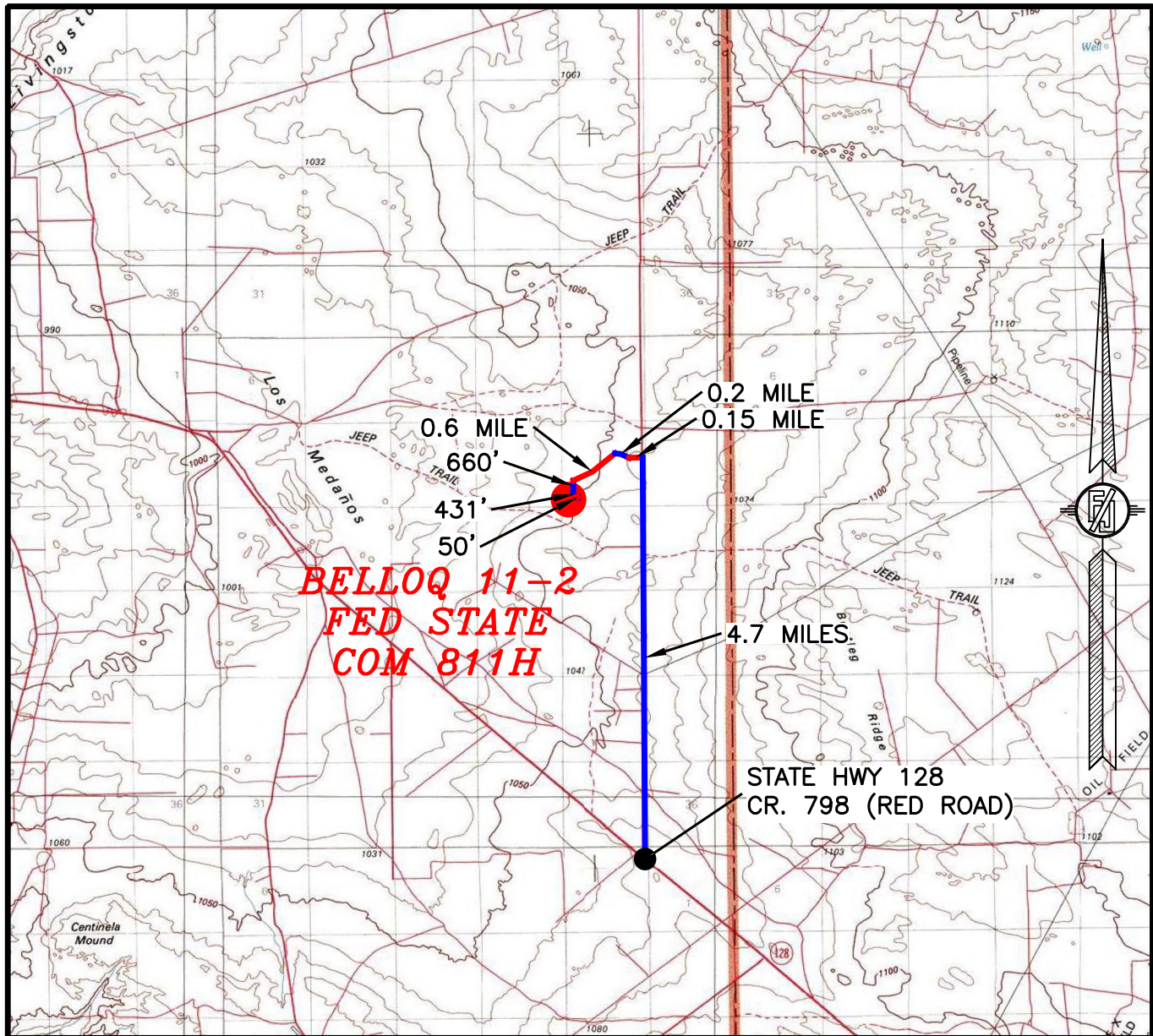
DECEMBER 27, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
 (575) 234-3341

SURVEY NO. 7497B
 CARLSBAD, NEW MEXICO

SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM STATE HIGHWAY 128 AND CR 798 (RED ROAD) GO NORTH ON CR 798 4.7 MILES, TURN LEFT ON CALICHE ROAD AND GO WEST 0.15 OF A MILE, BEND RIGHT AND GO NORTHWEST 0.2 OF A MILE, TURN LEFT AND GO SOUTHWEST 0.6 OF A MILE, TURN LEFT AND GO SOUTH 660' TO PROPOSED ROAD SURVEY AND FOLLOW FLAGS SOUTHEAST 431', THEN SOUTH 50' TO THE NORTHEAST PAD CORNER.

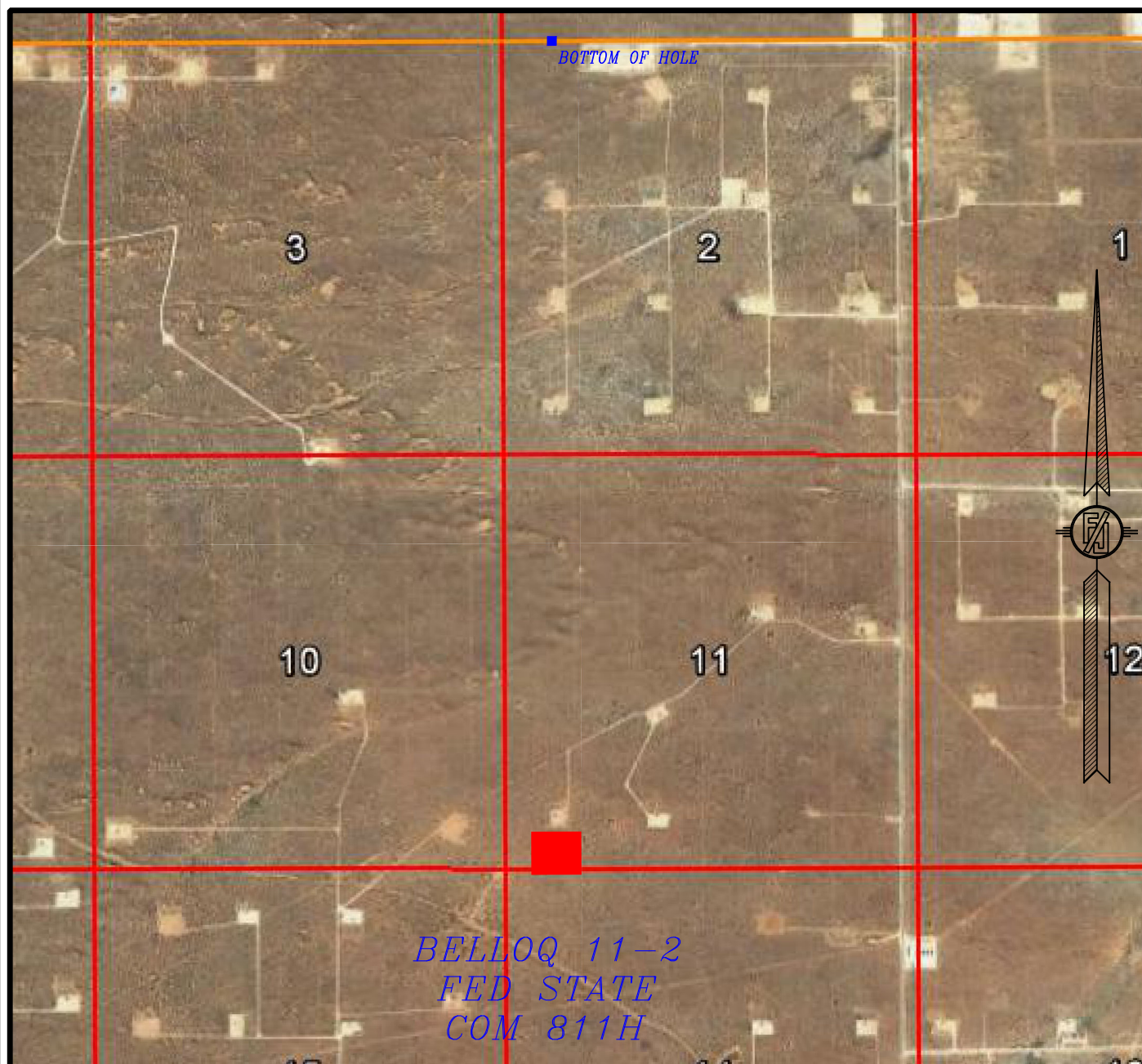
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SECTION 11, TOWNSHIP 23 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 27, 2021

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

SURVEY NO. 7497B
CARLSBAD, NEW MEXICO

SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 AERIAL PHOTO



NOT TO SCALE
 AERIAL PHOTO:
 GOOGLE EARTH
 NOV. 2017

DEVON ENERGY PRODUCTION COMPANY, L.P.
BELLOQ 11-2 FED STATE COM 811H
 LOCATED 100 FT. FROM THE SOUTH LINE
 AND 550 FT. FROM THE WEST LINE OF
 SECTION 11, TOWNSHIP 23 SOUTH,
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 EDDY COUNTY, STATE OF NEW MEXICO

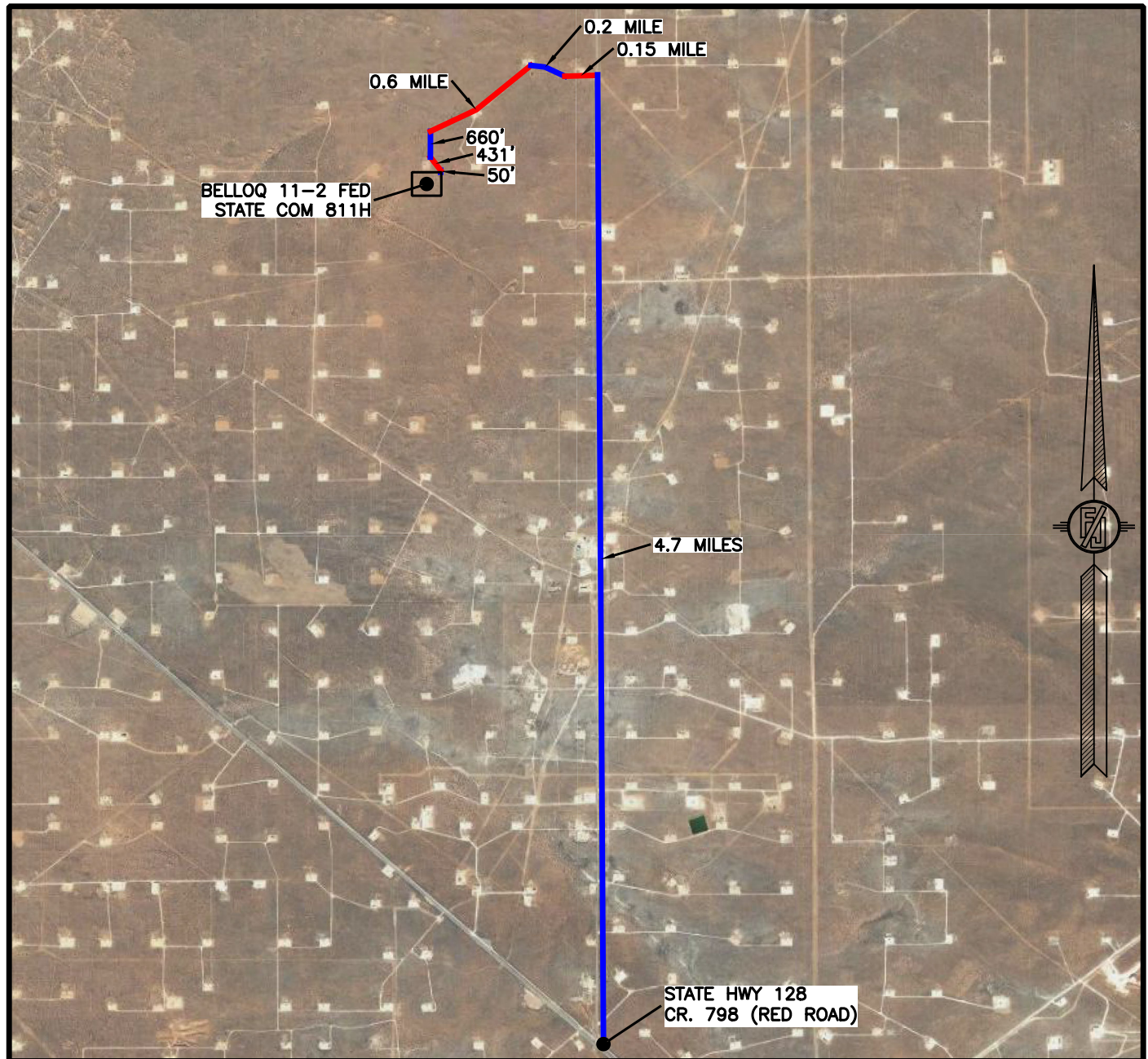
DECEMBER 27, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
 (575) 234-3341

SURVEY NO. 7497B
 CARLSBAD, NEW MEXICO

SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO
 AERIAL ACCESS ROUTE MAP



NOT TO SCALE
 AERIAL PHOTO:
 GOOGLE EARTH
 NOV. 2017

DEVON ENERGY PRODUCTION COMPANY, L.P.
BELLOQ 11-2 FED STATE COM 811H
 LOCATED 100 FT. FROM THE SOUTH LINE
 AND 550 FT. FROM THE WEST LINE OF
 SECTION 11, TOWNSHIP 23 SOUTH,
 RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY, STATE OF NEW MEXICO

DECEMBER 27, 2021

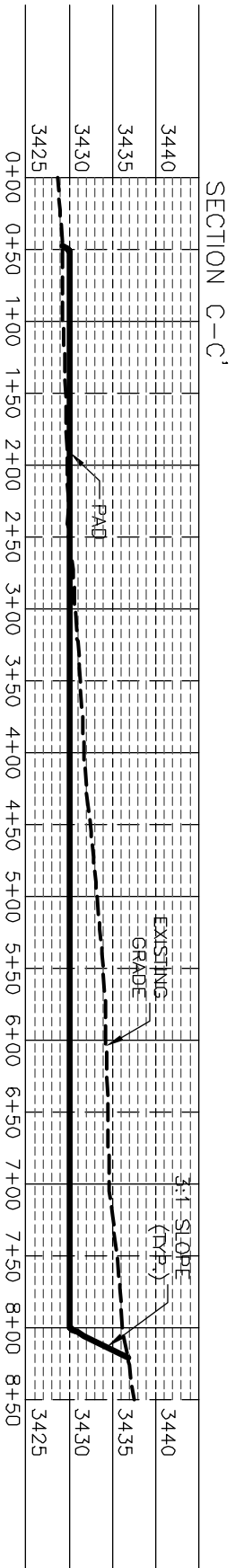
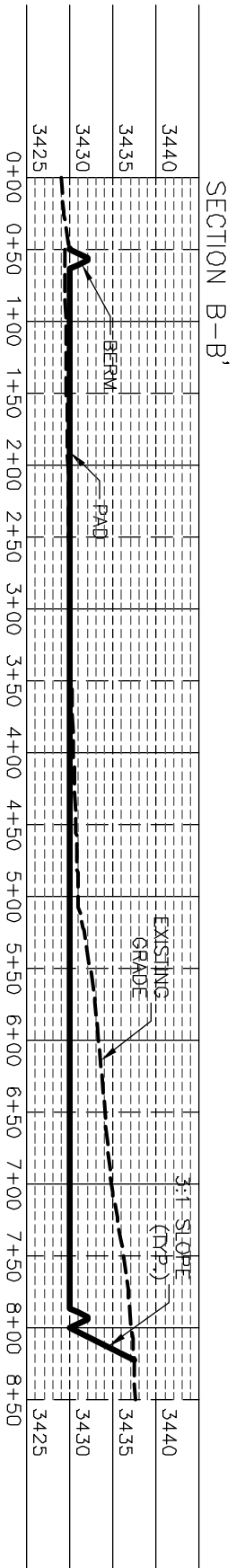
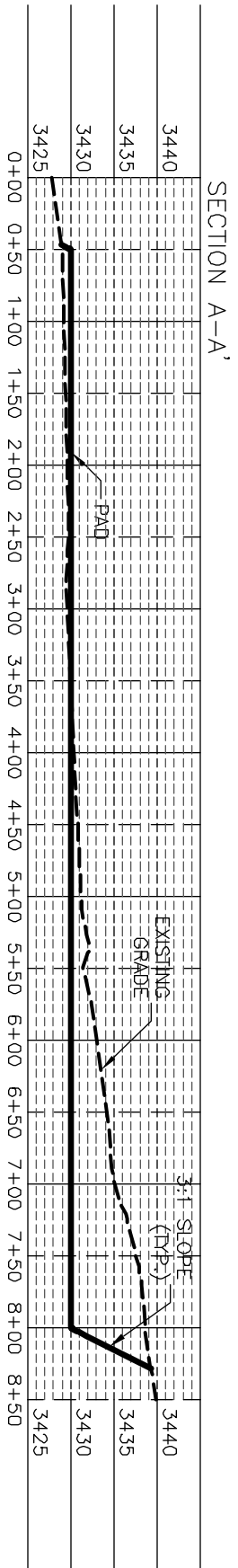
MADRON SURVEYING, INC.

301 SOUTH CANAL
 (575) 234-3341

SURVEY NO. 7497B
 CARLSBAD, NEW MEXICO



CROSS-SECTIONS



I, FILMON F. JARAMA, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFICATE NO. 12299, AM RESPONSIBLE FOR THIS SURVEY. THE SURVEY IS FOR THE PROPOSED PAD GRADING AND CROSS SECTIONS. THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

DEVON ENERGY PRODUCTION COMPANY, L.P.
PAD GRADING AND CROSS SECTIONS
FOR BELLOQ 11-2 FED STATE COM 811H
SECTION 11, TOWNSHIP 23 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

CUT	FILL	NET
33334 CU. YD	2777 CU. YD	30557 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

012 60 120 240
SCALE 1" = 120' - 1" = 20' VER

DECEMBER 27, 2021
301 SOUTH CANAL
CARLSBAD, NEW MEXICO
SURVEY NO. 7497B

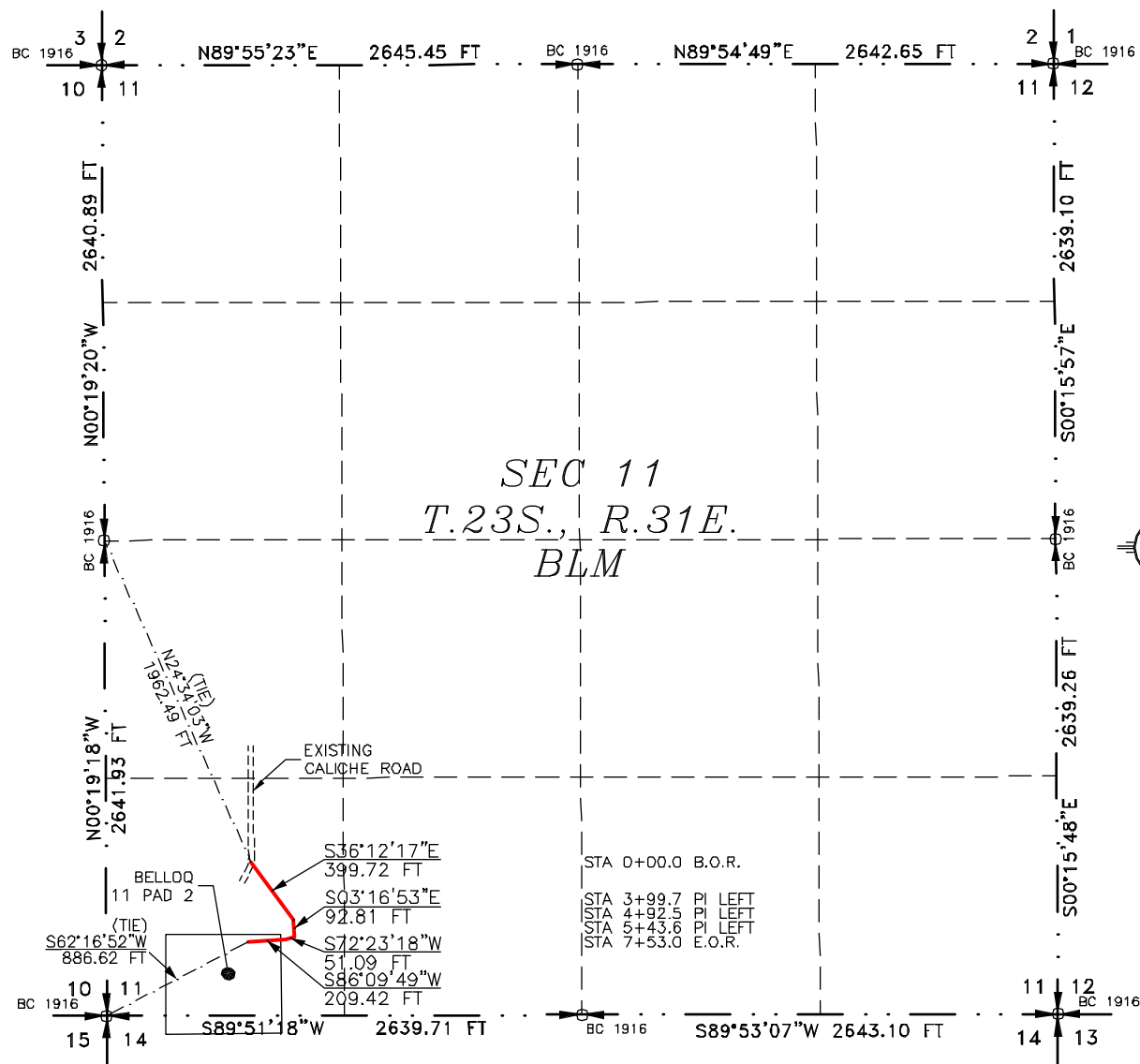
DEVON ENERGY PRODUCTION COMPANY, L.P.
PAD GRADING AND CROSS SECTIONS
FOR BELLOQ 11-2 FED STATE COM 811H
SECTION 11, TOWNSHIP 23 SOUTH,
RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO

FILMON F. JARAMA
12299
REGISTERED PROFESSIONAL SURVEYOR

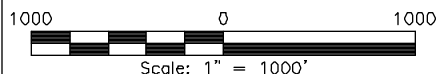
ACCESS ROAD PLAT

EXISTING ROAD FOR ACCESS TO BELLOQ 11 PAD 2

(BELLOQ 11 FED 222H, BELLOQ 11-2 FED STATE COM 231H, 521H, 511H, 525H, 711H, 611H, & 811H)

DEVON ENERGY PRODUCTION COMPANY, L.P.**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING****SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.****EDDY COUNTY, STATE OF NEW MEXICO****DECEMBER 27, 2021**

SEE NEXT SHEET (2-2) FOR DESCRIPTION

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-2

MADRON SURVEYING, INC.**SURVEYOR CERTIFICATE**

I, FILMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28th DAY OF DECEMBER 2021

FILMON F. JARAMILLO, PLS
301 SOUTH CANAL
(575) 234-3341
NEW MEXICO PROFESSIONAL SURVEYOR

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 7497B

ACCESS ROAD PLAT

EXISTING ROAD FOR ACCESS TO BELLOQ 11 PAD 2

(BELLOQ 11 FED 222H, BELLOQ 11-2 FED STATE COM 231H, 521H, 511H, 525H, 711H, 611H, & 811H)

DEVON ENERGY PRODUCTION COMPANY, L.P.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M.
EDDY COUNTY, STATE OF NEW MEXICO
DECEMBER 27, 2021

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING BUREAU OF LAND MANAGEMENT LAND IN SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M., EDDY COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SW/4 SW/4 OF SAID SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M., WHENCE THE WEST QUARTER CORNER OF SAID SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS N24°34'03"W, A DISTANCE OF 1962.49 FEET;
 THENCE S36°12'17"E A DISTANCE OF 399.72 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
 THENCE S03°16'53"E A DISTANCE OF 92.81 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
 THENCE S72°23'18"W A DISTANCE OF 51.09 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;
 THENCE S86°09'49"W A DISTANCE OF 209.42 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE SOUTHWEST CORNER OF SAID SECTION 11, TOWNSHIP 23 SOUTH, RANGE 31 EAST, N.M.P.M. BEARS S62°16'52"W, A DISTANCE OF 886.62 FEET;

SAID STRIP OF LAND BEING 753.04 FEET OR 45.64 RODS IN LENGTH, CONTAINING 0.519 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SW/4 SW/4 753.04 L.F. 45.64 RODS 0.519 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 28TH DAY OF DECEMBER 2021

FILIMON F. JARAMILLO
 12797
 NEW MEXICO
 MADRON SURVEYING, INC.
 301 SOUTH CANAL
 CARLSBAD, NEW MEXICO 88220
 Phone (575) 234-3341

GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-2

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

SURVEY NO. 7497B

1. Geologic Formations

TVD of target	11971	Pilot hole depth	N/A
MD at TD:	22363	Deepest expected fresh water	

Basin

Formation	Depth (TVD) from KB	Water/Mineral Bearing/Target Zone?	Hazards*
Rustler	700		
Salt	1075		
Base of Salt	4200		
Delaware	4450		
Cherry Canyon	5350		
Brushy Canyon	6600		
1st Bone Spring Lime	8275		
Bone Spring 1st	9350		
Bone Spring 2nd	9900		
3rd Bone Spring Lime	10450		
Bone Spring 3rd	11150		
Wolfcamp	11600		

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

2. Casing Program (Primary Design)

Hole Size	Csg. Size	Wt (PPF)	Grade	Conn	Top (MD)	Bottom (MD)	Top (TVD)	Bottom (TVD)
17 1/2	13 3/8	48.0	H40	STC	0.0	725 MD	0	725 TVD
12 1/4	10 3/4	45.5	J-55	BTC SC	0.0	4450 MD	0	4450 TVD
9 7/8	8 5/8	32	P110	Sprint FJ	0	11175 MD	0	11175 TVD
7 7/8	5 1/2	20.0	P110	DWC/C IS+	0	22363 MD	0	11971 TVD

- All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 IILB.1.h Must have table for contingency casing.
- The Rustler top will be validated via drilling parameters (i.e. reduction in ROP), and the surface casing setting depth will be revised accordingly. In addition, surface casing will be set a minimum of 25' above the top of the salt.

3. Cementing Program (Primary Design)

Casing	# Sks	TOC	Wt. (lb/gal)	Yld (ft ³ /sack)	Slurry Description
Surface	563	Surf	13.2	1.44	Lead: Class C Cement + additives
Int	297	Surf	9	3.27	Lead: Class C Cement + additives
	150	500' above shoe	13.2	1.44	Tail: Class H / C + additives
Int 1	299	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above shoe	13.2	1.44	Tail: Class H / C + additives
Int 1 Intermediate Squeeze	As Needed	Surf	9	1.44	Squeeze Lead: Class C Cement + additives
	297	Surf	9	3.27	Lead: Class C Cement + additives
	465	4000' above shoe	13.2	1.44	Tail: Class H / C + additives
Production	87	10055	9	3.27	Lead: Class H / C + additives
	1430	11555	13.2	1.44	Tail: Class H / C + additives

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

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

3. Cementing Program (Primary Design)

Assuming no returns are established while drilling, Devon requests to pump a two stage cement job on the 8-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brushy Canyon (6,600') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If necessary, a top out consisting of 477 sacks of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. 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-drillsundries 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.

4. Pressure Control Equipment (Four String Design)

BOP installed and tested before drilling which hole?		Size?	Min. Required WP	Type	✓	Tested to:
Int	13-5/8"	5M	Annular		X	50% of rated working pressure
			Blind Ram		X	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
Int 1	13-5/8"	5M	Annular (5M)		X	100% 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	5M
			Pipe Ram			
			Double Ram		X	
			Other*			
N	A variance is requested for the use of a diverter on the surface casing. See attached for schematic.					
N	A variance is requested to run a 5 M annular on a 10M system					

5. Mud Program (Four String Design)

Section	Type	Weight (ppg)
Surface	WBM	8.5-9
Intermediate	DBE / Cut Brine	10-10.5
Intermediate 1	WBM	8.5-9
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	6536
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. At that time an approved BOP stack will be nipped up and tested on the wellhead before drilling operations commences on each well.
 - a. The NMOCD will be contacted / notified 24 hours before the drilling rig moves back on to the pad with the pre-set surface casing.

Attachments

X Directional Plan
 Other, describe

Section 2 - Blowout Preventer Testing Procedure

Variance Request

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

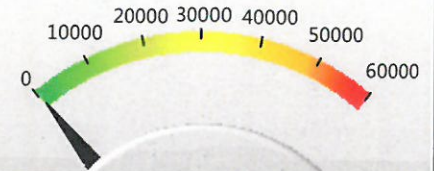
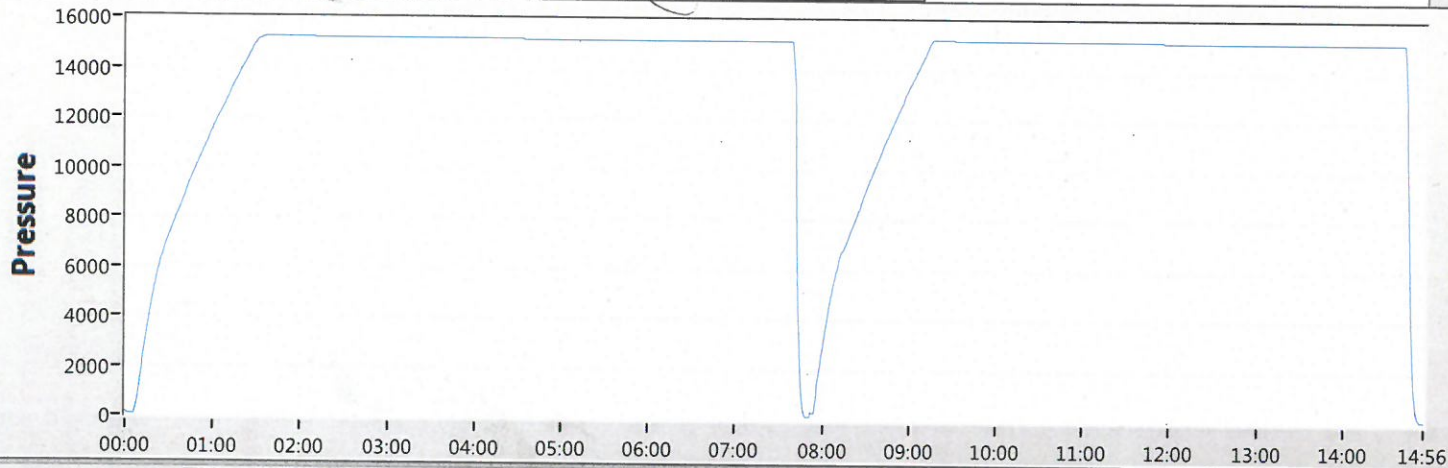
1. Well Control Response:
 1. Primary barrier remains fluid
 2. In the event of an influx due to being underbalanced and after a realized gain or flow, the order of closing BOPE is as follows:
 - a) Annular first
 - b) If annular were to not hold, Upper pipe rams second (which were tested on the skid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

Cactus
Wellhead

2-9-17
E Bell

80.7 °F

15:49



50

Date 02-09-17

Tested By E.BELL

Transducer bay2

Transducer Serial 181504

Calibration Date 9/6/15

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



Start



Stop



Zero



Config



Save



Print

EXIT

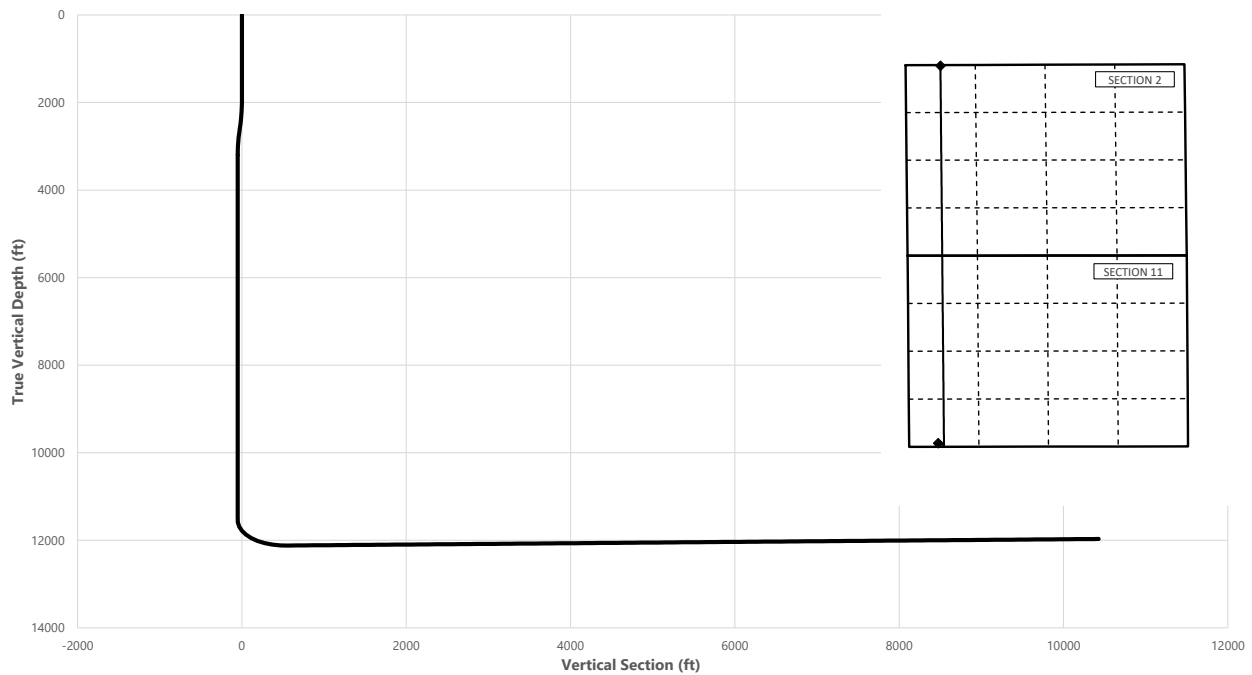
Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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	115.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	115.00	2497.47	-18.39	39.44	-18.23	2.00	Hold Tangent
2699.64	10.00	115.00	2694.07	-33.04	70.86	-32.75	0.00	Drop to Vertical
3199.64	0.00	115.00	3191.54	-51.44	110.31	-50.99	2.00	Hold Vertical
11555.21	0.00	359.63	11547.11	-51.44	110.31	-50.99	0.00	KOP
12463.89	90.87	359.63	12120.00	530.19	106.55	530.62	10.00	Landing Point
22362.90	90.87	359.63	11970.00	10427.85	42.64	10427.94	0.00	BHL

**Key Depths**

	MD (ft)	TVD (ft)
Rustler	700.00	700.00
Salt	1075.00	1075.00
Base of Salt	4208.10	4200.00
Delaware	4458.10	4450.00
Cherry Canyon	5358.10	5350.00
Brushy Canyon	6608.10	6600.00
1st Bone Spring Lime	8283.10	8275.00
Bone Spring 1st	9358.10	9350.00
Bone Spring 2nd	9908.10	9900.00
3rd Bone Spring Lime	10458.10	10450.00
Bone Spring 3rd	11158.10	11150.00
Wolfcamp / Point of Penetration	11608.18	11600.00
exit	22282.90	11971.23

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.3119	-103.7554	100' FSL, 550' FWL of Sec 11 in T23S, R31E
11555.21	11547.11	32.3118	-103.7551	48' FSL, 660' FWL of Sec 11 in T23S, R31E
11608.18	11600.00	32.3120	-103.7550	100' FSL, 660' FWL of Sec 11 in T23S, R31E
22282.90	11971.23	32.3405	-103.7550	100' FNL, 660' FWL of Sec 2 in T23S, R31E
22362.90	11970.00	32.3406	-103.7551	20' FNL, 660' FWL of Sec 2 in T23S, R31E

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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
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	115.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	115.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	115.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	115.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	115.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	115.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	115.00	700.00	0.00	0.00	0.00	0.00	Rustler,
800.00	0.00	115.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	115.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	115.00	1000.00	0.00	0.00	0.00	0.00	
1075.00	0.00	115.00	1075.00	0.00	0.00	0.00	0.00	Salt
1100.00	0.00	115.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	115.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	115.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	115.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	115.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	115.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	115.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	115.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	115.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	115.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	115.00	2099.98	-0.74	1.58	-0.73	2.00	
2200.00	4.00	115.00	2199.84	-2.95	6.32	-2.92	2.00	
2300.00	6.00	115.00	2299.45	-6.63	14.22	-6.57	2.00	
2400.00	8.00	115.00	2398.70	-11.78	25.27	-11.68	2.00	
2500.00	10.00	115.00	2497.47	-18.39	39.44	-18.23	2.00	Hold Tangent
2600.00	10.00	115.00	2595.95	-25.73	55.18	-25.51	0.00	
2699.64	10.00	115.00	2694.07	-33.04	70.86	-32.75	0.00	Drop to Vertical
2700.00	9.99	115.00	2694.43	-33.07	70.92	-32.78	2.02	
2800.00	7.99	115.00	2793.19	-39.68	85.09	-39.33	2.00	
2900.00	5.99	115.00	2892.44	-44.82	96.12	-44.43	2.00	
3000.00	3.99	115.00	2992.06	-48.50	104.01	-48.07	2.00	
3100.00	1.99	115.00	3091.92	-50.71	108.74	-50.26	2.00	
3199.64	0.00	115.00	3191.54	-51.44	110.31	-50.99	2.00	Hold Vertical
3200.00	0.00	359.63	3191.90	-51.44	110.31	-50.99	0.02	
3300.00	0.00	359.63	3291.90	-51.44	110.31	-50.99	0.00	
3400.00	0.00	359.63	3391.90	-51.44	110.31	-50.99	0.00	
3500.00	0.00	359.63	3491.90	-51.44	110.31	-50.99	0.00	
3600.00	0.00	359.63	3591.90	-51.44	110.31	-50.99	0.00	
3700.00	0.00	359.63	3691.90	-51.44	110.31	-50.99	0.00	
3800.00	0.00	359.63	3791.90	-51.44	110.31	-50.99	0.00	
3900.00	0.00	359.63	3891.90	-51.44	110.31	-50.99	0.00	
4000.00	0.00	359.63	3991.90	-51.44	110.31	-50.99	0.00	
4100.00	0.00	359.63	4091.90	-51.44	110.31	-50.99	0.00	
4200.00	0.00	359.63	4191.90	-51.44	110.31	-50.99	0.00	
4208.10	0.00	359.63	4200.00	-51.44	110.31	-50.99	0.00	Base of Salt
4300.00	0.00	359.63	4291.90	-51.44	110.31	-50.99	0.00	
4400.00	0.00	359.63	4391.90	-51.44	110.31	-50.99	0.00	
4458.10	0.00	359.63	4450.00	-51.44	110.31	-50.99	0.00	Delaware
4500.00	0.00	359.63	4491.90	-51.44	110.31	-50.99	0.00	
4600.00	0.00	359.63	4591.90	-51.44	110.31	-50.99	0.00	
4700.00	0.00	359.63	4691.90	-51.44	110.31	-50.99	0.00	
4800.00	0.00	359.63	4791.90	-51.44	110.31	-50.99	0.00	
4900.00	0.00	359.63	4891.90	-51.44	110.31	-50.99	0.00	
5000.00	0.00	359.63	4991.90	-51.44	110.31	-50.99	0.00	
5100.00	0.00	359.63	5091.90	-51.44	110.31	-50.99	0.00	
5200.00	0.00	359.63	5191.90	-51.44	110.31	-50.99	0.00	
5300.00	0.00	359.63	5291.90	-51.44	110.31	-50.99	0.00	
5358.10	0.00	359.63	5350.00	-51.44	110.31	-50.99	0.00	Cherry Canyon
5400.00	0.00	359.63	5391.90	-51.44	110.31	-50.99	0.00	
5500.00	0.00	359.63	5491.90	-51.44	110.31	-50.99	0.00	
5600.00	0.00	359.63	5591.90	-51.44	110.31	-50.99	0.00	
5700.00	0.00	359.63	5691.90	-51.44	110.31	-50.99	0.00	
5800.00	0.00	359.63	5791.90	-51.44	110.31	-50.99	0.00	
5900.00	0.00	359.63	5891.90	-51.44	110.31	-50.99	0.00	
6000.00	0.00	359.63	5991.90	-51.44	110.31	-50.99	0.00	
6100.00	0.00	359.63	6091.90	-51.44	110.31	-50.99	0.00	
6200.00	0.00	359.63	6191.90	-51.44	110.31	-50.99	0.00	
6300.00	0.00	359.63	6291.90	-51.44	110.31	-50.99	0.00	

Belloq 11-2 Fed State Com 811H



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

MD (ft)	INC (")	AZI (")	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
6400.00	0.00	359.63	6391.90	-51.44	110.31	-50.99	0.00	
6500.00	0.00	359.63	6491.90	-51.44	110.31	-50.99	0.00	
6600.00	0.00	359.63	6591.90	-51.44	110.31	-50.99	0.00	
6608.10	0.00	359.63	6600.00	-51.44	110.31	-50.99	0.00	Brushy Canyon
6700.00	0.00	359.63	6691.90	-51.44	110.31	-50.99	0.00	
6800.00	0.00	359.63	6791.90	-51.44	110.31	-50.99	0.00	
6900.00	0.00	359.63	6891.90	-51.44	110.31	-50.99	0.00	
7000.00	0.00	359.63	6991.90	-51.44	110.31	-50.99	0.00	
7100.00	0.00	359.63	7091.90	-51.44	110.31	-50.99	0.00	
7200.00	0.00	359.63	7191.90	-51.44	110.31	-50.99	0.00	
7300.00	0.00	359.63	7291.90	-51.44	110.31	-50.99	0.00	
7400.00	0.00	359.63	7391.90	-51.44	110.31	-50.99	0.00	
7500.00	0.00	359.63	7491.90	-51.44	110.31	-50.99	0.00	
7600.00	0.00	359.63	7591.90	-51.44	110.31	-50.99	0.00	
7700.00	0.00	359.63	7691.90	-51.44	110.31	-50.99	0.00	
7800.00	0.00	359.63	7791.90	-51.44	110.31	-50.99	0.00	
7900.00	0.00	359.63	7891.90	-51.44	110.31	-50.99	0.00	
8000.00	0.00	359.63	7991.90	-51.44	110.31	-50.99	0.00	
8100.00	0.00	359.63	8091.90	-51.44	110.31	-50.99	0.00	
8200.00	0.00	359.63	8191.90	-51.44	110.31	-50.99	0.00	
8283.10	0.00	359.63	8275.00	-51.44	110.31	-50.99	0.00	1st Bone Spring Lime
8300.00	0.00	359.63	8291.90	-51.44	110.31	-50.99	0.00	
8400.00	0.00	359.63	8391.90	-51.44	110.31	-50.99	0.00	
8500.00	0.00	359.63	8491.90	-51.44	110.31	-50.99	0.00	
8600.00	0.00	359.63	8591.90	-51.44	110.31	-50.99	0.00	
8700.00	0.00	359.63	8691.90	-51.44	110.31	-50.99	0.00	
8800.00	0.00	359.63	8791.90	-51.44	110.31	-50.99	0.00	
8900.00	0.00	359.63	8891.90	-51.44	110.31	-50.99	0.00	
9000.00	0.00	359.63	8991.90	-51.44	110.31	-50.99	0.00	
9100.00	0.00	359.63	9091.90	-51.44	110.31	-50.99	0.00	
9200.00	0.00	359.63	9191.90	-51.44	110.31	-50.99	0.00	
9300.00	0.00	359.63	9291.90	-51.44	110.31	-50.99	0.00	
9358.10	0.00	359.63	9350.00	-51.44	110.31	-50.99	0.00	Bone Spring 1st
9400.00	0.00	359.63	9391.90	-51.44	110.31	-50.99	0.00	
9500.00	0.00	359.63	9491.90	-51.44	110.31	-50.99	0.00	
9600.00	0.00	359.63	9591.90	-51.44	110.31	-50.99	0.00	
9700.00	0.00	359.63	9691.90	-51.44	110.31	-50.99	0.00	
9800.00	0.00	359.63	9791.90	-51.44	110.31	-50.99	0.00	
9900.00	0.00	359.63	9891.90	-51.44	110.31	-50.99	0.00	
9908.10	0.00	359.63	9900.00	-51.44	110.31	-50.99	0.00	Bone Spring 2nd
10000.00	0.00	359.63	9991.90	-51.44	110.31	-50.99	0.00	
10100.00	0.00	359.63	10091.90	-51.44	110.31	-50.99	0.00	
10200.00	0.00	359.63	10191.90	-51.44	110.31	-50.99	0.00	
10300.00	0.00	359.63	10291.90	-51.44	110.31	-50.99	0.00	
10400.00	0.00	359.63	10391.90	-51.44	110.31	-50.99	0.00	
10458.10	0.00	359.63	10450.00	-51.44	110.31	-50.99	0.00	3rd Bone Spring Lime
10500.00	0.00	359.63	10491.90	-51.44	110.31	-50.99	0.00	
10600.00	0.00	359.63	10591.90	-51.44	110.31	-50.99	0.00	
10700.00	0.00	359.63	10691.90	-51.44	110.31	-50.99	0.00	
10800.00	0.00	359.63	10791.90	-51.44	110.31	-50.99	0.00	
10900.00	0.00	359.63	10891.90	-51.44	110.31	-50.99	0.00	
11000.00	0.00	359.63	10991.90	-51.44	110.31	-50.99	0.00	
11100.00	0.00	359.63	11091.90	-51.44	110.31	-50.99	0.00	
11158.10	0.00	359.63	11150.00	-51.44	110.31	-50.99	0.00	Bone Spring 3rd
11200.00	0.00	359.63	11191.90	-51.44	110.31	-50.99	0.00	
11300.00	0.00	359.63	11291.90	-51.44	110.31	-50.99	0.00	
11400.00	0.00	359.63	11391.90	-51.44	110.31	-50.99	0.00	
11500.00	0.00	359.63	11491.90	-51.44	110.31	-50.99	0.00	
11555.21	0.00	359.63	11547.11	-51.44	110.31	-50.99	0.00	KOP
11600.00	4.48	359.63	11591.85	-49.69	110.30	-49.24	10.00	
11608.18	5.30	359.63	11600.00	-48.99	110.29	-48.54	10.00	Wolfcamp / Point of Penetration
11700.00	14.48	359.63	11690.36	-33.24	110.19	-32.79	10.00	
11800.00	24.48	359.63	11784.52	0.06	109.98	0.51	10.00	
11900.00	34.48	359.63	11871.46	49.21	109.66	49.66	10.00	
12000.00	44.48	359.63	11948.55	112.71	109.25	113.15	10.00	
12100.00	54.48	359.63	12013.44	188.63	108.76	189.07	10.00	
12200.00	64.48	359.63	12064.16	274.66	108.20	275.10	10.00	
12300.00	74.48	359.63	12099.17	368.19	107.60	368.63	10.00	
12400.00	84.48	359.63	12117.41	466.38	106.96	466.82	10.00	
12463.89	90.87	359.63	12120.00	530.19	106.55	530.62	10.00	Landing Point

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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
12500.00	90.87	359.63	12119.45	566.29	106.32	566.72	0.00	
12600.00	90.87	359.63	12117.94	666.28	105.67	666.71	0.00	
12700.00	90.87	359.63	12116.42	766.27	105.03	766.69	0.00	
12800.00	90.87	359.63	12114.91	866.25	104.38	866.67	0.00	
12900.00	90.87	359.63	12113.39	966.24	103.73	966.65	0.00	
13000.00	90.87	359.63	12111.88	1066.23	103.09	1066.64	0.00	
13100.00	90.87	359.63	12110.36	1166.21	102.44	1166.62	0.00	
13200.00	90.87	359.63	12108.85	1266.20	101.80	1266.60	0.00	
13300.00	90.87	359.63	12107.33	1366.18	101.15	1366.59	0.00	
13400.00	90.87	359.63	12105.82	1466.17	100.50	1466.57	0.00	
13500.00	90.87	359.63	12104.30	1566.16	99.86	1566.55	0.00	
13600.00	90.87	359.63	12102.79	1666.14	99.21	1666.54	0.00	
13700.00	90.87	359.63	12101.27	1766.13	98.56	1766.52	0.00	
13800.00	90.87	359.63	12099.76	1866.12	97.92	1866.50	0.00	
13900.00	90.87	359.63	12098.24	1966.10	97.27	1966.48	0.00	
14000.00	90.87	359.63	12096.73	2066.09	96.63	2066.47	0.00	
14100.00	90.87	359.63	12095.21	2166.08	95.98	2166.45	0.00	
14200.00	90.87	359.63	12093.70	2266.06	95.33	2266.43	0.00	
14300.00	90.87	359.63	12092.18	2366.05	94.69	2366.42	0.00	
14400.00	90.87	359.63	12090.66	2466.04	94.04	2466.40	0.00	
14500.00	90.87	359.63	12089.15	2566.02	93.39	2566.38	0.00	
14600.00	90.87	359.63	12087.63	2666.01	92.75	2666.37	0.00	
14700.00	90.87	359.63	12086.12	2765.99	92.10	2766.35	0.00	
14800.00	90.87	359.63	12084.60	2865.98	91.46	2866.33	0.00	
14900.00	90.87	359.63	12083.09	2965.97	90.81	2966.31	0.00	
15000.00	90.87	359.63	12081.57	3065.95	90.16	3066.30	0.00	
15100.00	90.87	359.63	12080.06	3165.94	89.52	3166.28	0.00	
15200.00	90.87	359.63	12078.54	3265.93	88.87	3266.26	0.00	
15300.00	90.87	359.63	12077.03	3365.91	88.22	3366.25	0.00	
15400.00	90.87	359.63	12075.51	3465.90	87.58	3466.23	0.00	
15500.00	90.87	359.63	12074.00	3565.89	86.93	3566.21	0.00	
15600.00	90.87	359.63	12072.48	3665.87	86.29	3666.19	0.00	
15700.00	90.87	359.63	12070.97	3765.86	85.64	3766.18	0.00	
15800.00	90.87	359.63	12069.45	3865.85	84.99	3866.16	0.00	
15900.00	90.87	359.63	12067.94	3965.83	84.35	3966.14	0.00	
16000.00	90.87	359.63	12066.42	4065.82	83.70	4066.13	0.00	
16100.00	90.87	359.63	12064.91	4165.80	83.06	4166.11	0.00	
16200.00	90.87	359.63	12063.39	4265.79	82.41	4266.09	0.00	
16300.00	90.87	359.63	12061.88	4365.78	81.76	4366.08	0.00	
16400.00	90.87	359.63	12060.36	4465.76	81.12	4466.06	0.00	
16500.00	90.87	359.63	12058.85	4565.75	80.47	4566.04	0.00	
16600.00	90.87	359.63	12057.33	4665.74	79.82	4666.02	0.00	
16700.00	90.87	359.63	12055.82	4765.72	79.18	4766.01	0.00	
16800.00	90.87	359.63	12054.30	4865.71	78.53	4865.99	0.00	
16900.00	90.87	359.63	12052.79	4965.70	77.89	4965.97	0.00	
17000.00	90.87	359.63	12051.27	5065.68	77.24	5065.96	0.00	
17100.00	90.87	359.63	12049.76	5165.67	76.59	5165.94	0.00	
17200.00	90.87	359.63	12048.24	5265.66	75.95	5265.92	0.00	
17300.00	90.87	359.63	12046.72	5365.64	75.30	5365.90	0.00	
17400.00	90.87	359.63	12045.21	5465.63	74.65	5465.89	0.00	
17500.00	90.87	359.63	12043.69	5565.61	74.01	5565.87	0.00	
17600.00	90.87	359.63	12042.18	5665.60	73.36	5665.85	0.00	
17700.00	90.87	359.63	12040.66	5765.59	72.72	5765.84	0.00	
17800.00	90.87	359.63	12039.15	5865.57	72.07	5865.82	0.00	
17900.00	90.87	359.63	12037.63	5965.56	71.42	5965.80	0.00	
18000.00	90.87	359.63	12036.12	6065.55	70.78	6065.79	0.00	
18100.00	90.87	359.63	12034.60	6165.53	70.13	6165.77	0.00	
18200.00	90.87	359.63	12033.09	6265.52	69.48	6265.75	0.00	
18300.00	90.87	359.63	12031.57	6365.51	68.84	6365.73	0.00	
18400.00	90.87	359.63	12030.06	6465.49	68.19	6465.72	0.00	
18500.00	90.87	359.63	12028.54	6565.48	67.55	6565.70	0.00	
18600.00	90.87	359.63	12027.03	6665.47	66.90	6665.68	0.00	
18700.00	90.87	359.63	12025.51	6765.45	66.25	6765.67	0.00	
18800.00	90.87	359.63	12024.00	6865.44	65.61	6865.65	0.00	
18900.00	90.87	359.63	12022.48	6965.42	64.96	6965.63	0.00	
19000.00	90.87	359.63	12020.97	7065.41	64.31	7065.62	0.00	
19100.00	90.87	359.63	12019.45	7165.40	63.67	7165.60	0.00	
19200.00	90.87	359.63	12017.94	7265.38	63.02	7265.58	0.00	
19300.00	90.87	359.63	12016.42	7365.37	62.38	7365.56	0.00	
19400.00	90.87	359.63	12014.91	7465.36	61.73	7465.55	0.00	

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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)

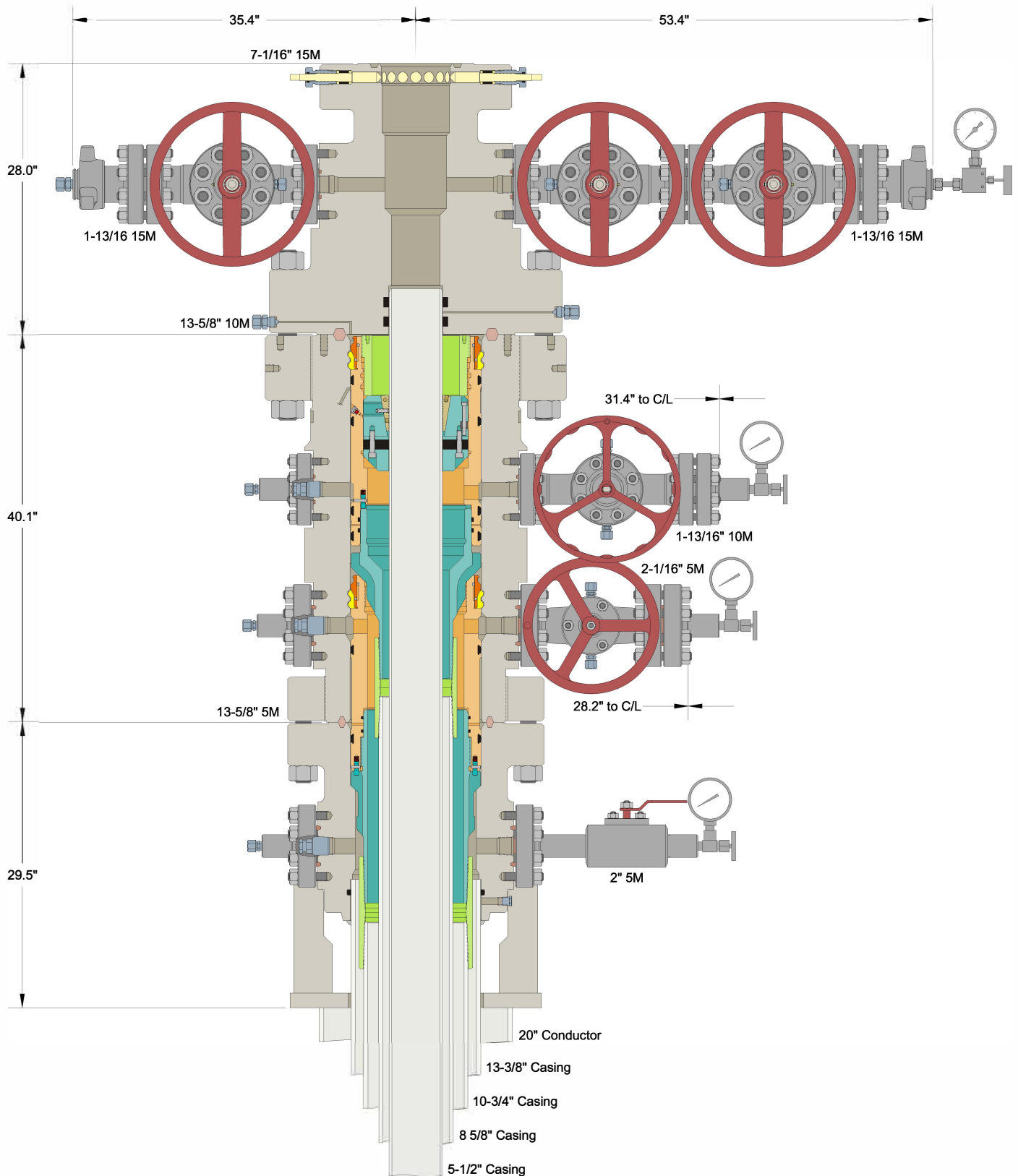
MD	INC	AZI	TVD	NS	EW	VS	DLS	Comment
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(°/100ft)	
19500.00	90.87	359.63	12013.39	7565.34	61.08	7565.53	0.00	
19600.00	90.87	359.63	12011.88	7665.33	60.44	7665.51	0.00	
19700.00	90.87	359.63	12010.36	7765.32	59.79	7765.50	0.00	
19800.00	90.87	359.63	12008.85	7865.30	59.14	7865.48	0.00	
19900.00	90.87	359.63	12007.33	7965.29	58.50	7965.46	0.00	
20000.00	90.87	359.63	12005.82	8065.28	57.85	8065.44	0.00	
20100.00	90.87	359.63	12004.30	8165.26	57.21	8165.43	0.00	
20200.00	90.87	359.63	12002.79	8265.25	56.56	8265.41	0.00	
20300.00	90.87	359.63	12001.27	8365.23	55.91	8365.39	0.00	
20400.00	90.87	359.63	11999.75	8465.22	55.27	8465.38	0.00	
20500.00	90.87	359.63	11998.24	8565.21	54.62	8565.36	0.00	
20600.00	90.87	359.63	11996.72	8665.19	53.97	8665.34	0.00	
20700.00	90.87	359.63	11995.21	8765.18	53.33	8765.33	0.00	
20800.00	90.87	359.63	11993.69	8865.17	52.68	8865.31	0.00	
20900.00	90.87	359.63	11992.18	8965.15	52.04	8965.29	0.00	
21000.00	90.87	359.63	11990.66	9065.14	51.39	9065.27	0.00	
21100.00	90.87	359.63	11989.15	9165.13	50.74	9165.26	0.00	
21200.00	90.87	359.63	11987.63	9265.11	50.10	9265.24	0.00	
21300.00	90.87	359.63	11986.12	9365.10	49.45	9365.22	0.00	
21400.00	90.87	359.63	11984.60	9465.09	48.81	9465.21	0.00	
21500.00	90.87	359.63	11983.09	9565.07	48.16	9565.19	0.00	
21600.00	90.87	359.63	11981.57	9665.06	47.51	9665.17	0.00	
21700.00	90.87	359.63	11980.06	9765.04	46.87	9765.15	0.00	
21800.00	90.87	359.63	11978.54	9865.03	46.22	9865.14	0.00	
21900.00	90.87	359.63	11977.03	9965.02	45.57	9965.12	0.00	
22000.00	90.87	359.63	11975.51	10065.00	44.93	10065.10	0.00	
22100.00	90.87	359.63	11974.00	10164.99	44.28	10165.09	0.00	
22200.00	90.87	359.63	11972.48	10264.98	43.64	10265.07	0.00	
22282.90	90.87	359.63	11971.23	10347.86	43.10	10347.95	0.00	exit
22300.00	90.87	359.63	11970.97	10364.96	42.99	10365.05	0.00	
22362.90	90.87	359.63	11970.00	10427.85	42.64	10427.94	0.00	BHL

Belloq 11-2 Fed State Com 811H

Well: Belloq 11-2 Fed State Com 811H
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)	



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ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

MATADOR RESOURCES
WOLFCAMP A WELLS (TEXAS)

20" x 13-3/8" x 10-3/4" x 8-5/8" x 5-1/2" MBU-4T-SOW Wellhead
With 13-5/8" 10M x 7-1/16" 15M CTH-DBLHPS Tubing Head,
10-3/4" & 8-5/8" Mandrel Hangers And 5-1/2" Slip Casing Hanger

DRAWN	DLE	09AUG19
APPRV		
DRAWING NO.	HBE0000156	

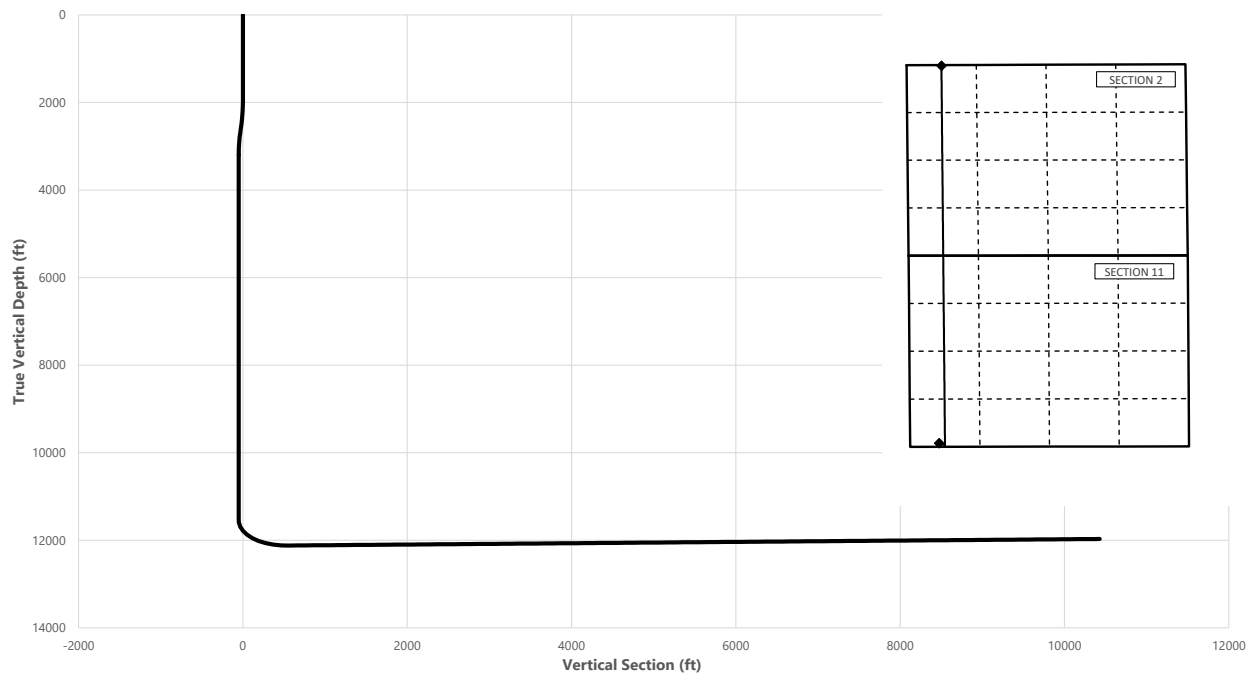
Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
County: Eddy
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Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
2000.00	0.00	115.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2500.00	10.00	115.00	2497.47	-18.39	39.44	-18.23	2.00	Hold Tangent
2699.64	10.00	115.00	2694.07	-33.04	70.86	-32.75	0.00	Drop to Vertical
3199.64	0.00	115.00	3191.54	-51.44	110.31	-50.99	2.00	Hold Vertical
11555.21	0.00	359.63	11547.11	-51.44	110.31	-50.99	0.00	KOP
12463.89	90.87	359.63	12120.00	530.19	106.55	530.62	10.00	Landing Point
22362.90	90.87	359.63	11970.00	10427.85	42.64	10427.94	0.00	BHL

**Key Depths**

	MD (ft)	TVD (ft)
Rustler	700.00	700.00
Salt	1075.00	1075.00
Base of Salt	4208.10	4200.00
Delaware	4458.10	4450.00
Cherry Canyon	5358.10	5350.00
Brushy Canyon	6608.10	6600.00
1st Bone Spring Lime	8283.10	8275.00
Bone Spring 1st	9358.10	9350.00
Bone Spring 2nd	9908.10	9900.00
3rd Bone Spring Lime	10458.10	10450.00
Bone Spring 3rd	11158.10	11150.00
Wolfcamp / Point of Penetration	11608.18	11600.00
exit	22282.90	11971.23

SHL
KOP
Point of Penetration
Exit
BHL

MD (ft)	TVD (ft)	Lat (°)	Long (°)	Section Footages
0.00	0.00	32.3119	-103.7554	100' FSL, 550' FWL of Sec 11 in T23S, R31E
11555.21	11547.11	32.3118	-103.7551	48' FSL, 660' FWL of Sec 11 in T23S, R31E
11608.18	11600.00	32.3120	-103.7550	100' FSL, 660' FWL of Sec 11 in T23S, R31E
22282.90	11971.23	32.3405	-103.7550	100' FNL, 660' FWL of Sec 2 in T23S, R31E
22362.90	11970.00	32.3406	-103.7551	20' FNL, 660' FWL of Sec 2 in T23S, R31E

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
County: Eddy
Wellbore: Permit Plan
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Geodetic System: US State Plane 1983
Datum: North American Datum 1927
Ellipsoid: Clarke 1866
Zone: 3001 - NM East (NAD83)

MD (ft)	INC (°)	AZI (°)	TVD (ft)	NS (ft)	EW (ft)	VS (ft)	DLS (°/100ft)	Comment
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	SHL
100.00	0.00	115.00	100.00	0.00	0.00	0.00	0.00	
200.00	0.00	115.00	200.00	0.00	0.00	0.00	0.00	
300.00	0.00	115.00	300.00	0.00	0.00	0.00	0.00	
400.00	0.00	115.00	400.00	0.00	0.00	0.00	0.00	
500.00	0.00	115.00	500.00	0.00	0.00	0.00	0.00	
600.00	0.00	115.00	600.00	0.00	0.00	0.00	0.00	
700.00	0.00	115.00	700.00	0.00	0.00	0.00	0.00	Rustler,
800.00	0.00	115.00	800.00	0.00	0.00	0.00	0.00	
900.00	0.00	115.00	900.00	0.00	0.00	0.00	0.00	
1000.00	0.00	115.00	1000.00	0.00	0.00	0.00	0.00	
1075.00	0.00	115.00	1075.00	0.00	0.00	0.00	0.00	Salt
1100.00	0.00	115.00	1100.00	0.00	0.00	0.00	0.00	
1200.00	0.00	115.00	1200.00	0.00	0.00	0.00	0.00	
1300.00	0.00	115.00	1300.00	0.00	0.00	0.00	0.00	
1400.00	0.00	115.00	1400.00	0.00	0.00	0.00	0.00	
1500.00	0.00	115.00	1500.00	0.00	0.00	0.00	0.00	
1600.00	0.00	115.00	1600.00	0.00	0.00	0.00	0.00	
1700.00	0.00	115.00	1700.00	0.00	0.00	0.00	0.00	
1800.00	0.00	115.00	1800.00	0.00	0.00	0.00	0.00	
1900.00	0.00	115.00	1900.00	0.00	0.00	0.00	0.00	
2000.00	0.00	115.00	2000.00	0.00	0.00	0.00	0.00	Start Tangent
2100.00	2.00	115.00	2099.98	-0.74	1.58	-0.73	2.00	
2200.00	4.00	115.00	2199.84	-2.95	6.32	-2.92	2.00	
2300.00	6.00	115.00	2299.45	-6.63	14.22	-6.57	2.00	
2400.00	8.00	115.00	2398.70	-11.78	25.27	-11.68	2.00	
2500.00	10.00	115.00	2497.47	-18.39	39.44	-18.23	2.00	Hold Tangent
2600.00	10.00	115.00	2595.95	-25.73	55.18	-25.51	0.00	
2699.64	10.00	115.00	2694.07	-33.04	70.86	-32.75	0.00	Drop to Vertical
2700.00	9.99	115.00	2694.43	-33.07	70.92	-32.78	2.02	
2800.00	7.99	115.00	2793.19	-39.68	85.09	-39.33	2.00	
2900.00	5.99	115.00	2892.44	-44.82	96.12	-44.43	2.00	
3000.00	3.99	115.00	2992.06	-48.50	104.01	-48.07	2.00	
3100.00	1.99	115.00	3091.92	-50.71	108.74	-50.26	2.00	
3199.64	0.00	115.00	3191.54	-51.44	110.31	-50.99	2.00	Hold Vertical
3200.00	0.00	359.63	3191.90	-51.44	110.31	-50.99	0.02	
3300.00	0.00	359.63	3291.90	-51.44	110.31	-50.99	0.00	
3400.00	0.00	359.63	3391.90	-51.44	110.31	-50.99	0.00	
3500.00	0.00	359.63	3491.90	-51.44	110.31	-50.99	0.00	
3600.00	0.00	359.63	3591.90	-51.44	110.31	-50.99	0.00	
3700.00	0.00	359.63	3691.90	-51.44	110.31	-50.99	0.00	
3800.00	0.00	359.63	3791.90	-51.44	110.31	-50.99	0.00	
3900.00	0.00	359.63	3891.90	-51.44	110.31	-50.99	0.00	
4000.00	0.00	359.63	3991.90	-51.44	110.31	-50.99	0.00	
4100.00	0.00	359.63	4091.90	-51.44	110.31	-50.99	0.00	
4200.00	0.00	359.63	4191.90	-51.44	110.31	-50.99	0.00	
4208.10	0.00	359.63	4200.00	-51.44	110.31	-50.99	0.00	Base of Salt
4300.00	0.00	359.63	4291.90	-51.44	110.31	-50.99	0.00	
4400.00	0.00	359.63	4391.90	-51.44	110.31	-50.99	0.00	
4458.10	0.00	359.63	4450.00	-51.44	110.31	-50.99	0.00	Delaware
4500.00	0.00	359.63	4491.90	-51.44	110.31	-50.99	0.00	
4600.00	0.00	359.63	4591.90	-51.44	110.31	-50.99	0.00	
4700.00	0.00	359.63	4691.90	-51.44	110.31	-50.99	0.00	
4800.00	0.00	359.63	4791.90	-51.44	110.31	-50.99	0.00	
4900.00	0.00	359.63	4891.90	-51.44	110.31	-50.99	0.00	
5000.00	0.00	359.63	4991.90	-51.44	110.31	-50.99	0.00	
5100.00	0.00	359.63	5091.90	-51.44	110.31	-50.99	0.00	
5200.00	0.00	359.63	5191.90	-51.44	110.31	-50.99	0.00	
5300.00	0.00	359.63	5291.90	-51.44	110.31	-50.99	0.00	
5358.10	0.00	359.63	5350.00	-51.44	110.31	-50.99	0.00	Cherry Canyon
5400.00	0.00	359.63	5391.90	-51.44	110.31	-50.99	0.00	
5500.00	0.00	359.63	5491.90	-51.44	110.31	-50.99	0.00	
5600.00	0.00	359.63	5591.90	-51.44	110.31	-50.99	0.00	
5700.00	0.00	359.63	5691.90	-51.44	110.31	-50.99	0.00	
5800.00	0.00	359.63	5791.90	-51.44	110.31	-50.99	0.00	
5900.00	0.00	359.63	5891.90	-51.44	110.31	-50.99	0.00	
6000.00	0.00	359.63	5991.90	-51.44	110.31	-50.99	0.00	
6100.00	0.00	359.63	6091.90	-51.44	110.31	-50.99	0.00	
6200.00	0.00	359.63	6191.90	-51.44	110.31	-50.99	0.00	
6300.00	0.00	359.63	6291.90	-51.44	110.31	-50.99	0.00	

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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
6400.00	0.00	359.63	6391.90	-51.44	110.31	-50.99	0.00	
6500.00	0.00	359.63	6491.90	-51.44	110.31	-50.99	0.00	
6600.00	0.00	359.63	6591.90	-51.44	110.31	-50.99	0.00	
6608.10	0.00	359.63	6600.00	-51.44	110.31	-50.99	0.00	Brushy Canyon
6700.00	0.00	359.63	6691.90	-51.44	110.31	-50.99	0.00	
6800.00	0.00	359.63	6791.90	-51.44	110.31	-50.99	0.00	
6900.00	0.00	359.63	6891.90	-51.44	110.31	-50.99	0.00	
7000.00	0.00	359.63	6991.90	-51.44	110.31	-50.99	0.00	
7100.00	0.00	359.63	7091.90	-51.44	110.31	-50.99	0.00	
7200.00	0.00	359.63	7191.90	-51.44	110.31	-50.99	0.00	
7300.00	0.00	359.63	7291.90	-51.44	110.31	-50.99	0.00	
7400.00	0.00	359.63	7391.90	-51.44	110.31	-50.99	0.00	
7500.00	0.00	359.63	7491.90	-51.44	110.31	-50.99	0.00	
7600.00	0.00	359.63	7591.90	-51.44	110.31	-50.99	0.00	
7700.00	0.00	359.63	7691.90	-51.44	110.31	-50.99	0.00	
7800.00	0.00	359.63	7791.90	-51.44	110.31	-50.99	0.00	
7900.00	0.00	359.63	7891.90	-51.44	110.31	-50.99	0.00	
8000.00	0.00	359.63	7991.90	-51.44	110.31	-50.99	0.00	
8100.00	0.00	359.63	8091.90	-51.44	110.31	-50.99	0.00	
8200.00	0.00	359.63	8191.90	-51.44	110.31	-50.99	0.00	
8283.10	0.00	359.63	8275.00	-51.44	110.31	-50.99	0.00	1st Bone Spring Lime
8300.00	0.00	359.63	8291.90	-51.44	110.31	-50.99	0.00	
8400.00	0.00	359.63	8391.90	-51.44	110.31	-50.99	0.00	
8500.00	0.00	359.63	8491.90	-51.44	110.31	-50.99	0.00	
8600.00	0.00	359.63	8591.90	-51.44	110.31	-50.99	0.00	
8700.00	0.00	359.63	8691.90	-51.44	110.31	-50.99	0.00	
8800.00	0.00	359.63	8791.90	-51.44	110.31	-50.99	0.00	
8900.00	0.00	359.63	8891.90	-51.44	110.31	-50.99	0.00	
9000.00	0.00	359.63	8991.90	-51.44	110.31	-50.99	0.00	
9100.00	0.00	359.63	9091.90	-51.44	110.31	-50.99	0.00	
9200.00	0.00	359.63	9191.90	-51.44	110.31	-50.99	0.00	
9300.00	0.00	359.63	9291.90	-51.44	110.31	-50.99	0.00	
9358.10	0.00	359.63	9350.00	-51.44	110.31	-50.99	0.00	Bone Spring 1st
9400.00	0.00	359.63	9391.90	-51.44	110.31	-50.99	0.00	
9500.00	0.00	359.63	9491.90	-51.44	110.31	-50.99	0.00	
9600.00	0.00	359.63	9591.90	-51.44	110.31	-50.99	0.00	
9700.00	0.00	359.63	9691.90	-51.44	110.31	-50.99	0.00	
9800.00	0.00	359.63	9791.90	-51.44	110.31	-50.99	0.00	
9900.00	0.00	359.63	9891.90	-51.44	110.31	-50.99	0.00	
9908.10	0.00	359.63	9900.00	-51.44	110.31	-50.99	0.00	Bone Spring 2nd
10000.00	0.00	359.63	9991.90	-51.44	110.31	-50.99	0.00	
10100.00	0.00	359.63	10091.90	-51.44	110.31	-50.99	0.00	
10200.00	0.00	359.63	10191.90	-51.44	110.31	-50.99	0.00	
10300.00	0.00	359.63	10291.90	-51.44	110.31	-50.99	0.00	
10400.00	0.00	359.63	10391.90	-51.44	110.31	-50.99	0.00	
10458.10	0.00	359.63	10450.00	-51.44	110.31	-50.99	0.00	3rd Bone Spring Lime
10500.00	0.00	359.63	10491.90	-51.44	110.31	-50.99	0.00	
10600.00	0.00	359.63	10591.90	-51.44	110.31	-50.99	0.00	
10700.00	0.00	359.63	10691.90	-51.44	110.31	-50.99	0.00	
10800.00	0.00	359.63	10791.90	-51.44	110.31	-50.99	0.00	
10900.00	0.00	359.63	10891.90	-51.44	110.31	-50.99	0.00	
11000.00	0.00	359.63	10991.90	-51.44	110.31	-50.99	0.00	
11100.00	0.00	359.63	11091.90	-51.44	110.31	-50.99	0.00	
11158.10	0.00	359.63	11150.00	-51.44	110.31	-50.99	0.00	Bone Spring 3rd
11200.00	0.00	359.63	11191.90	-51.44	110.31	-50.99	0.00	
11300.00	0.00	359.63	11291.90	-51.44	110.31	-50.99	0.00	
11400.00	0.00	359.63	11391.90	-51.44	110.31	-50.99	0.00	
11500.00	0.00	359.63	11491.90	-51.44	110.31	-50.99	0.00	
11555.21	0.00	359.63	11547.11	-51.44	110.31	-50.99	0.00	KOP
11600.00	4.48	359.63	11591.85	-49.69	110.30	-49.24	10.00	
11608.18	5.30	359.63	11600.00	-48.99	110.29	-48.54	10.00	Wolfcamp / Point of Penetration
11700.00	14.48	359.63	11690.36	-33.24	110.19	-32.79	10.00	
11800.00	24.48	359.63	11784.52	0.06	109.98	0.51	10.00	
11900.00	34.48	359.63	11871.46	49.21	109.66	49.66	10.00	
12000.00	44.48	359.63	11948.55	112.71	109.25	113.15	10.00	
12100.00	54.48	359.63	12013.44	188.63	108.76	189.07	10.00	
12200.00	64.48	359.63	12064.16	274.66	108.20	275.10	10.00	
12300.00	74.48	359.63	12099.17	368.19	107.60	368.63	10.00	
12400.00	84.48	359.63	12117.41	466.38	106.96	466.82	10.00	
12463.89	90.87	359.63	12120.00	530.19	106.55	530.62	10.00	Landing Point

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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
12500.00	90.87	359.63	12119.45	566.29	106.32	566.72	0.00	
12600.00	90.87	359.63	12117.94	666.28	105.67	666.71	0.00	
12700.00	90.87	359.63	12116.42	766.27	105.03	766.69	0.00	
12800.00	90.87	359.63	12114.91	866.25	104.38	866.67	0.00	
12900.00	90.87	359.63	12113.39	966.24	103.73	966.65	0.00	
13000.00	90.87	359.63	12111.88	1066.23	103.09	1066.64	0.00	
13100.00	90.87	359.63	12110.36	1166.21	102.44	1166.62	0.00	
13200.00	90.87	359.63	12108.85	1266.20	101.80	1266.60	0.00	
13300.00	90.87	359.63	12107.33	1366.18	101.15	1366.59	0.00	
13400.00	90.87	359.63	12105.82	1466.17	100.50	1466.57	0.00	
13500.00	90.87	359.63	12104.30	1566.16	99.86	1566.55	0.00	
13600.00	90.87	359.63	12102.79	1666.14	99.21	1666.54	0.00	
13700.00	90.87	359.63	12101.27	1766.13	98.56	1766.52	0.00	
13800.00	90.87	359.63	12099.76	1866.12	97.92	1866.50	0.00	
13900.00	90.87	359.63	12098.24	1966.10	97.27	1966.48	0.00	
14000.00	90.87	359.63	12096.73	2066.09	96.63	2066.47	0.00	
14100.00	90.87	359.63	12095.21	2166.08	95.98	2166.45	0.00	
14200.00	90.87	359.63	12093.70	2266.06	95.33	2266.43	0.00	
14300.00	90.87	359.63	12092.18	2366.05	94.69	2366.42	0.00	
14400.00	90.87	359.63	12090.66	2466.04	94.04	2466.40	0.00	
14500.00	90.87	359.63	12089.15	2566.02	93.39	2566.38	0.00	
14600.00	90.87	359.63	12087.63	2666.01	92.75	2666.37	0.00	
14700.00	90.87	359.63	12086.12	2765.99	92.10	2766.35	0.00	
14800.00	90.87	359.63	12084.60	2865.98	91.46	2866.33	0.00	
14900.00	90.87	359.63	12083.09	2965.97	90.81	2966.31	0.00	
15000.00	90.87	359.63	12081.57	3065.95	90.16	3066.30	0.00	
15100.00	90.87	359.63	12080.06	3165.94	89.52	3166.28	0.00	
15200.00	90.87	359.63	12078.54	3265.93	88.87	3266.26	0.00	
15300.00	90.87	359.63	12077.03	3365.91	88.22	3366.25	0.00	
15400.00	90.87	359.63	12075.51	3465.90	87.58	3466.23	0.00	
15500.00	90.87	359.63	12074.00	3565.89	86.93	3566.21	0.00	
15600.00	90.87	359.63	12072.48	3665.87	86.29	3666.19	0.00	
15700.00	90.87	359.63	12070.97	3765.86	85.64	3766.18	0.00	
15800.00	90.87	359.63	12069.45	3865.85	84.99	3866.16	0.00	
15900.00	90.87	359.63	12067.94	3965.83	84.35	3966.14	0.00	
16000.00	90.87	359.63	12066.42	4065.82	83.70	4066.13	0.00	
16100.00	90.87	359.63	12064.91	4165.80	83.06	4166.11	0.00	
16200.00	90.87	359.63	12063.39	4265.79	82.41	4266.09	0.00	
16300.00	90.87	359.63	12061.88	4365.78	81.76	4366.08	0.00	
16400.00	90.87	359.63	12060.36	4465.76	81.12	4466.06	0.00	
16500.00	90.87	359.63	12058.85	4565.75	80.47	4566.04	0.00	
16600.00	90.87	359.63	12057.33	4665.74	79.82	4666.02	0.00	
16700.00	90.87	359.63	12055.82	4765.72	79.18	4766.01	0.00	
16800.00	90.87	359.63	12054.30	4865.71	78.53	4865.99	0.00	
16900.00	90.87	359.63	12052.79	4965.70	77.89	4965.97	0.00	
17000.00	90.87	359.63	12051.27	5065.68	77.24	5065.96	0.00	
17100.00	90.87	359.63	12049.76	5165.67	76.59	5165.94	0.00	
17200.00	90.87	359.63	12048.24	5265.66	75.95	5265.92	0.00	
17300.00	90.87	359.63	12046.72	5365.64	75.30	5365.90	0.00	
17400.00	90.87	359.63	12045.21	5465.63	74.65	5465.89	0.00	
17500.00	90.87	359.63	12043.69	5565.61	74.01	5565.87	0.00	
17600.00	90.87	359.63	12042.18	5665.60	73.36	5665.85	0.00	
17700.00	90.87	359.63	12040.66	5765.59	72.72	5765.84	0.00	
17800.00	90.87	359.63	12039.15	5865.57	72.07	5865.82	0.00	
17900.00	90.87	359.63	12037.63	5965.56	71.42	5965.80	0.00	
18000.00	90.87	359.63	12036.12	6065.55	70.78	6065.79	0.00	
18100.00	90.87	359.63	12034.60	6165.53	70.13	6165.77	0.00	
18200.00	90.87	359.63	12033.09	6265.52	69.48	6265.75	0.00	
18300.00	90.87	359.63	12031.57	6365.51	68.84	6365.73	0.00	
18400.00	90.87	359.63	12030.06	6465.49	68.19	6465.72	0.00	
18500.00	90.87	359.63	12028.54	6565.48	67.55	6565.70	0.00	
18600.00	90.87	359.63	12027.03	6665.47	66.90	6665.68	0.00	
18700.00	90.87	359.63	12025.51	6765.45	66.25	6765.67	0.00	
18800.00	90.87	359.63	12024.00	6865.44	65.61	6865.65	0.00	
18900.00	90.87	359.63	12022.48	6965.42	64.96	6965.63	0.00	
19000.00	90.87	359.63	12020.97	7065.41	64.31	7065.62	0.00	
19100.00	90.87	359.63	12019.45	7165.40	63.67	7165.60	0.00	
19200.00	90.87	359.63	12017.94	7265.38	63.02	7265.58	0.00	
19300.00	90.87	359.63	12016.42	7365.37	62.38	7365.56	0.00	
19400.00	90.87	359.63	12014.91	7465.36	61.73	7465.55	0.00	

Belloq 11-2 Fed State Com 811H



Well: Belloq 11-2 Fed State Com 811H
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	90.87	359.63	12013.39	7565.34	61.08	7565.53	0.00	
19600.00	90.87	359.63	12011.88	7665.33	60.44	7665.51	0.00	
19700.00	90.87	359.63	12010.36	7765.32	59.79	7765.50	0.00	
19800.00	90.87	359.63	12008.85	7865.30	59.14	7865.48	0.00	
19900.00	90.87	359.63	12007.33	7965.29	58.50	7965.46	0.00	
20000.00	90.87	359.63	12005.82	8065.28	57.85	8065.44	0.00	
20100.00	90.87	359.63	12004.30	8165.26	57.21	8165.43	0.00	
20200.00	90.87	359.63	12002.79	8265.25	56.56	8265.41	0.00	
20300.00	90.87	359.63	12001.27	8365.23	55.91	8365.39	0.00	
20400.00	90.87	359.63	11999.75	8465.22	55.27	8465.38	0.00	
20500.00	90.87	359.63	11998.24	8565.21	54.62	8565.36	0.00	
20600.00	90.87	359.63	11996.72	8665.19	53.97	8665.34	0.00	
20700.00	90.87	359.63	11995.21	8765.18	53.33	8765.33	0.00	
20800.00	90.87	359.63	11993.69	8865.17	52.68	8865.31	0.00	
20900.00	90.87	359.63	11992.18	8965.15	52.04	8965.29	0.00	
21000.00	90.87	359.63	11990.66	9065.14	51.39	9065.27	0.00	
21100.00	90.87	359.63	11989.15	9165.13	50.74	9165.26	0.00	
21200.00	90.87	359.63	11987.63	9265.11	50.10	9265.24	0.00	
21300.00	90.87	359.63	11986.12	9365.10	49.45	9365.22	0.00	
21400.00	90.87	359.63	11984.60	9465.09	48.81	9465.21	0.00	
21500.00	90.87	359.63	11983.09	9565.07	48.16	9565.19	0.00	
21600.00	90.87	359.63	11981.57	9665.06	47.51	9665.17	0.00	
21700.00	90.87	359.63	11980.06	9765.04	46.87	9765.15	0.00	
21800.00	90.87	359.63	11978.54	9865.03	46.22	9865.14	0.00	
21900.00	90.87	359.63	11977.03	9965.02	45.57	9965.12	0.00	
22000.00	90.87	359.63	11975.51	10065.00	44.93	10065.10	0.00	
22100.00	90.87	359.63	11974.00	10164.99	44.28	10165.09	0.00	
22200.00	90.87	359.63	11972.48	10264.98	43.64	10265.07	0.00	
22282.90	90.87	359.63	11971.23	10347.86	43.10	10347.95	0.00	exit
22300.00	90.87	359.63	11970.97	10364.96	42.99	10365.05	0.00	
22362.90	90.87	359.63	11970.00	10427.85	42.64	10427.94	0.00	BHL

Belloq 11-2 Fed State Com 811H

Well: Belloq 11-2 Fed State Com 811H
County: Eddy
Wellbore: Permit Plan
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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

COMMENTS

Action 105224

COMMENTS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 105224
	Action Type: [C-103] NOI Change of Plans (C-103A)

COMMENTS

Created By	Comment	Comment Date
kpickford	BELLOQ 11 2 FED STATE COM 812H Defining Well 30-015-46762	5/10/2022

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 105224

CONDITIONS

Operator: DEVON ENERGY PRODUCTION COMPANY, LP 333 West Sheridan Ave. Oklahoma City, OK 73102	OGRID: 6137
	Action Number: 105224
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to previous NMOCD Conditions of Approval	5/10/2022