

<b>Well Name:</b> UNCLE CHES 2116 FED COM	<b>Well Location:</b> T20S / R35E / SEC 21 / SESE / 32.5525766 / -103.4556807	<b>County or Parish/State:</b> LEA / NM
<b>Well Number:</b> 234H	<b>Type of Well:</b> OIL WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMNM132079	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b>
<b>US Well Number:</b> 300254734000X1	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> MATADOR PRODUCTION COMPANY

*KZ*  
02/04/2021

**Notice Of Intent**

**Type of Submission:** Notice Of Intent

**Type of Action** APD Change

**Date Sundry Submitted:** 07/06/2020

**Disposition:** Approved

**Disposition Date:** 12/03/2020

**Remarks:** JUANA MEDRANO:APPROVAL:2020-07-06 BLM Bond No. NMB001079 Surety Bond No. RLB0015172 Matador requests the name of this well to be changed from Uncle Ches 2116 Federal Com 234H (API 30-025-47340) to Uncle Ches 2116 Fed Com 127H. Please see the attached C102 to revise the SHL of Matador's Uncle Ches 2116 Fed Com 127H from 425' FSL and 604' FEL of Sec. 21 T20S R35E to 425' FSL and 604' FEL of Sec. 21 T20S R35E. This proposed SHL move lies within the approved well pad location footprint covered in Environmental Assessment DOI-BLM-NM-P020-2019-0741-EA. Matador requests the BHL be revised from 240' FNL 331' FEL of Sec. 16 T20S R35E to 60' FNL and 1650' FEL of Sec. 16 T20S R35E. The BHL given represents the terminus of the well. The last perforation point will be 100' FNL and 1650' FEL of the referenced spacing unit comprising the W2E2 of Sections 21 and 16 of T20S R35E. Matador requests for this well to be revised and placed into the Featherstone; Bone Spring (Pool Code 24250) (Oil). Matador requests the OPTION to amend the casing and cementing design per the drill plan attached hereto. Please contact Blake Hermes at 972-371-5485 for any questions with regards to the drill plan or well design. Sundry - Name Change from Uncle Ches Fed Com 234H to Uncle Ches Fed Com 127H and BHL Change - Approved by Rachel Ijabiken on 11/2/2020. No additional COA is required RACHEL IJABIKEN:APPROVAL:2020-11-02 Sundry - Name change from Uncle Ches Fed Com 234H to Uncle Ches Fed Com 127H and BHL change- Approved by Rachel Ijabiken. No Additional COA is required. Approved by Mandala 11/16/2020; Surface good 12/02/2020 Same COAs JLR. Approved by Ty Bryson 12/03/2020. **PRISCILLA PEREZ:APPROVAL:2020-12-14 Matador Resources is submitting a subsequent sundry after receiving verbal approval from Mandela on 12/08 for the OPTION to amend the mud program on the intermediate hole section for the Uncle Ches 2116 Fed Com #127H (30-025-47340). All previous COA's still apply. Please find supporting documentation attached and contact Jordan Ellington at 972-619-1263 for any questions.**

**NOI Attachments**

**Procedure Description**

- UNCLE CHES 2116 FED COM 127H- C102 SIGNED.PDF
- UNCLE CHES 2116 FED COM 127H\_DIRECTIONAL WELL PLAN\_V2.PDF
- UNCLE CHES 2116 FED COM 127H\_DIRECTIONAL AC REPORT\_V2.PDF
- UNCLE CHES 2116 FED COM 127H\_CASING TABLE SPEC.PDF
- UNCLE CHES 2116 FED COM 127H\_DRILL PLAN.PDF
- CASING SPECS\_5.5IN 20LB HUNTING TLW SC.PDF
- 7.0 29# P110EC DWC\_C.PDF
- MUD PROGRAM SUNDRY - UNCLE CHES 2116 FED COM 127H\_DRILL PLAN.PDF
- UNCLE CHES 2116 FED COM 127H\_DIRECTIONAL WELL PLAN\_V2.PDF

**Well Name:** UNCLE CHES 2116 FED COM

**Well Location:** T20S / R35E / SEC 21 / SESE / 32.5525766 / -103.4556807

**County or Parish/State:** LEA / NM

**Well Number:** 234H

**Type of Well:** OIL WELL

**Allottee or Tribe Name:**

**Lease Number:** NMNM132079

**Unit or CA Name:**

**Unit or CA Number:**

**US Well Number:** 300254734000X1

**Well Status:** Approved Application for Permit to Drill

**Operator:** MATADOR PRODUCTION COMPANY

UNCLE CHES 2116 FED COM 127H\_DIRECTIONAL AC REPORT\_V2.PDF

UNCLE CHES 2116 FED COM 127H\_CASING TABLE SPEC.PDF

UNCLE CHES 2116 FED COM 127H\_DRILL PLAN.PDF

CASING SPECS\_5.5IN 20LB HUNTING TLW SC.PDF

7.0 29# P110EC DWC\_C.PDF

**Operator Certification**

*I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.*

**Operator Electronic Signature:** CADE LABOLT

**Signed on:** JUL 06, 2020 12:00 AM

**Name:** MATADOR PRODUCTION COMPANY

**Title:** LANDMAN

**Street Address:** 5400 LBJ FREEWAY SUITE 1500

**City:** DALLAS **State:** TX

**Phone:** (972) 371-5200

**Email address:** NOT ENTERED

**Field Representative**

**Representative Name:**

**Street Address:**

**City:** **State:** **Zip:**

**Phone:**

**Email address:**

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1625 N French Dr., Hobbs, NM 88240  
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District IV  
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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

<sup>1</sup> API Number 30-025-47340		<sup>2</sup> Pool Code 24250		<sup>3</sup> Pool Name Featherstone; Bone Spring	
<sup>4</sup> Property Code 326210		<sup>5</sup> Property Name UNCLE CHES 2116 FED COM			<sup>6</sup> Well Number 127H
<sup>7</sup> OGRID No. 228937		<sup>8</sup> Operator Name MATADOR PRODUCTION COMPANY			<sup>9</sup> Elevation 3705'

<sup>10</sup>Surface Location

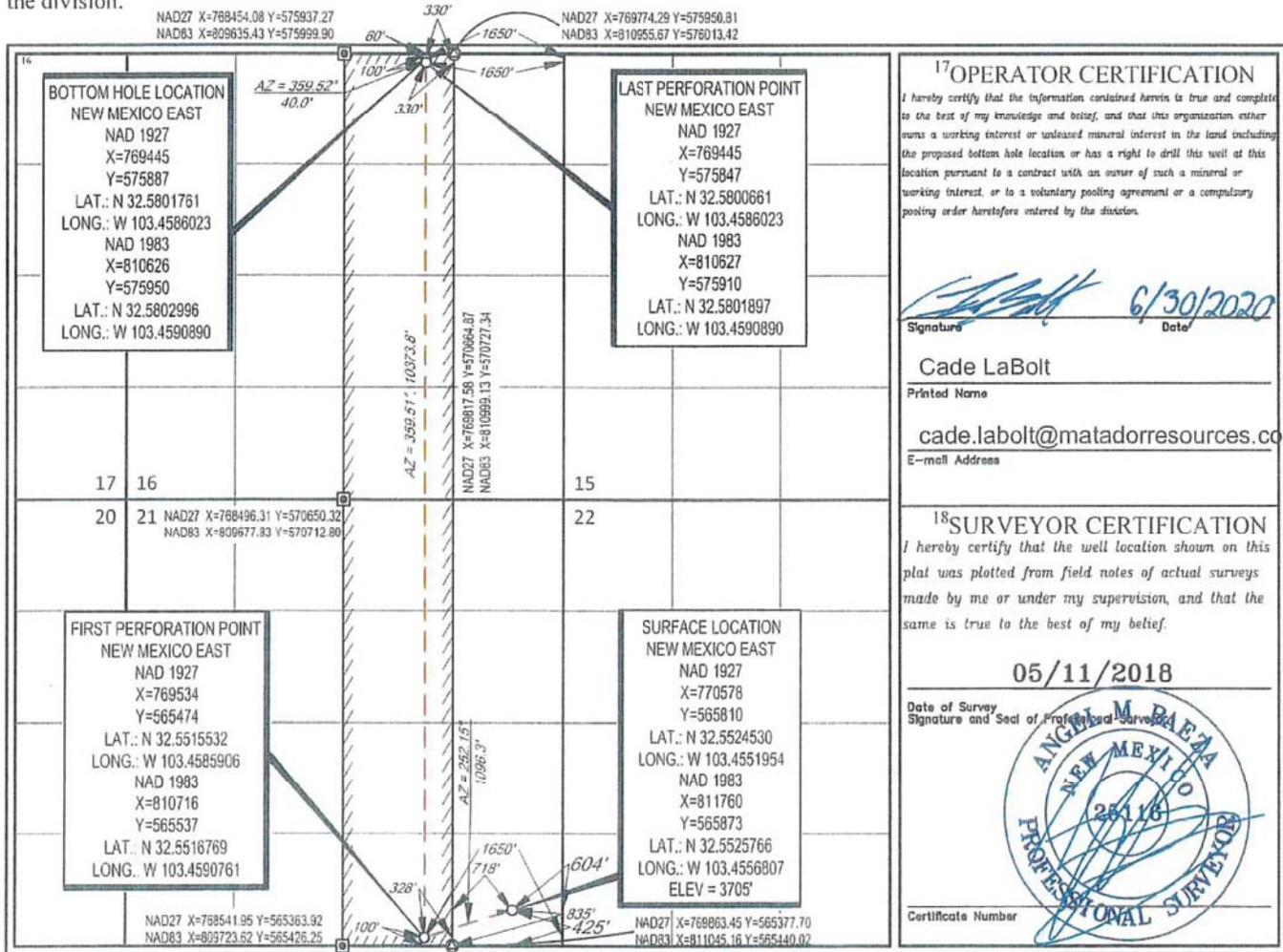
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	20-S	35-E	-	425'	SOUTH	604'	EAST	LEA

<sup>11</sup>Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	16	20-S	35-E	-	60'	NORTH	1650'	EAST	LEA

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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.



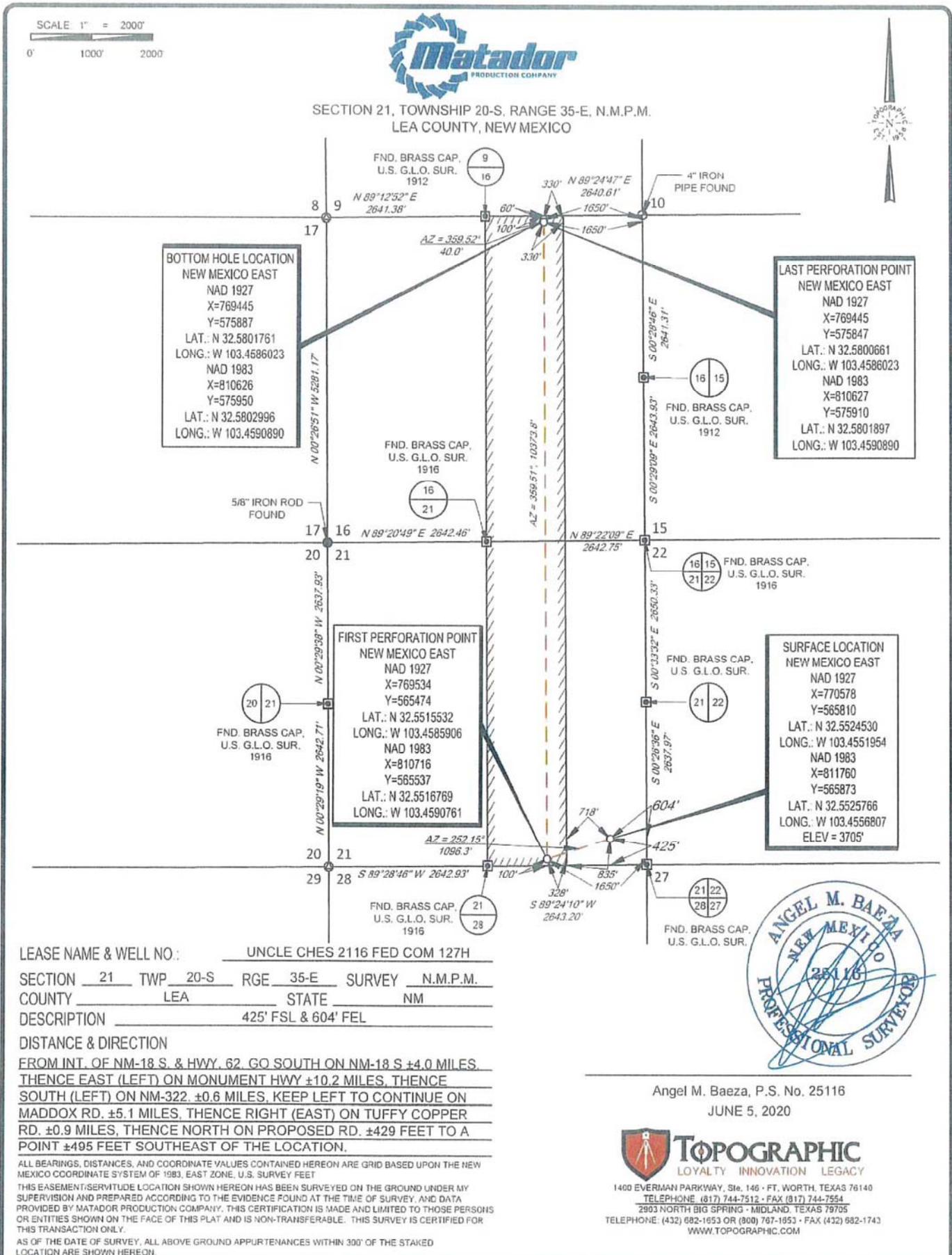
<sup>17</sup>OPERATOR CERTIFICATION  
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

*[Signature]* 6/30/2020  
Signature Date  
Cade LaBolt  
Printed Name  
cade.labolt@matadorresources.com  
E-mail Address

<sup>18</sup>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 to the best of my belief.

05/11/2018  
Date of Survey  
Signature and Seal of Professional Surveyor  
*[Seal]*  
Certificate Number

S:\SURVEY\MATADOR\_RESOURCES\UNCLE\_CHES\_21-205-15\FINAL\_PRODUCTS\ILO\_UNCLE\_CHES\_2116\_FED\_COM\_127H\_REV2 DWG 6/9/2020 1:56:33 PM adisabell





**Drill Plan**

**Uncle Ches 2116 Fed Com 127H**  
**SHL: 425' FSL & 604' FEL Section 21**  
**BHL: 60' FNL & 1650' FEL Section 16**  
**Township/Range: 20S 35E**  
**Elevation Above Sea Level: 3,705'**

**Drilling Operation Plan**

Proposed Drilling Depth: 21059' MD / 10701' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Oil

Geologic Name of Surface Formation: Quaternary Deposits

KOP Lat/Long (NAD83): 32.5515351434 N / -103.4590783933 W

TD Lat/Long (NAD83): 32.5802957651 N / -103.4590891743 W

**1. Estimated Tops**

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	1,977	1,977	347	Anhydrite	Barren
Salado (Top of Salt)	2,324	2,324	1,316	Salt	Barren
Lamar (Base of Salt)	3,640	3,640	2,533	Salt	Barren
Bell Canyon	6,173	6,173	1,135	Sandstone	Oil/Natural Gas
Brushy Canyon	7,308	7,308	1,169	Sandstone	Oil/Natural Gas
Bone Spring Lime	8,477	8,477	1,188	Limestone	Oil/Natural Gas
1st Bone Spring Sand	9,665	9,665	345	Sandstone	Oil/Natural Gas
2nd Bone Spring Carbonate	10,010	10,010	344	Carbonate	Oil/Natural Gas
<b>KOP</b>	<b>10,268</b>	<b>10,198</b>	-	<b>Sandstone</b>	<b>Oil/Natural Gas</b>
2nd Bone Spring Sand	10,426	10,354	-	Sandstone	Oil/Natural Gas
<b>TD</b>	<b>21,059</b>	<b>10,701</b>		<b>Sandstone</b>	<b>Oil/Natural Gas</b>

**2. Notable Zones**

2nd Bone Spring is the goal. All perforations will be within the setback requirements as prescribed or permitted by the New Mexico Oil Conservation Division. OSE estimated ground water depth at this location is 877'.

**3. Pressure Control****Equipment**

A 12,000' 5000-psi BOP stack consisting of 3 rams with 2 pipe rams, 1 blind ram, and one annular preventer will be utilized below surface casing to TD. See attachments for BOP and choke manifold diagrams.

An accumulator complying with Onshore Order #2 requirements for the pressure rating of the BOP stack will be present. A rotating head will also be installed as needed.

**Testing Procedure**

**Drill Plan**

BOP will be inspected and operated as required in Onshore Order #2. Kelly cock and sub equipped with a full opening valve sized to fit the drill pipe and collars will be available on the rig floor in the open position.

A third party company will test the BOPs.

After setting surface casing, a minimum 5M BOPE system will be installed. Test pressures will be 250 psi low and 5000 psi high with the annular preventer being tested to 250 psi low and 2500 psi high before drilling below surface shoe. In the event that the rig drills multiple wells on the pad and any seal subject to test pressures are broken, a full BOP test will be performed when the rig returns and the 5M BOPE system is re-installed.

Variance Request

Matador requests a variance to have the option of running a multi-bowl wellhead assembly for setting the Intermediate 1 and Production Strings. The BOPs will not be tested again unless any flanges are separated.

Matador requests a variance to drill this well using a co-flex line between the BOP and choke manifold. Certification for proposed co-flex hose is attached. The hose is not required by the manufacturer to be anchored. If the specific hose is not available, then one of equal or higher rating will be used.

Matador requests a variance to have the option of batch drilling this well with other wells on the same pad. In the event that this well is batch drilled, the wellbore will be secured with a blind flange of like pressure. When the rig returns to this well and BOPs are installed, the operator will perform a full BOP test.

Matador request a variance to utilize a surface setting rig. If this is used, Matador request the option to drill either 17.5" or 20" surface hole.

**4. Casing & Cement**

All casing will be API and new. See attached casing assumption worksheet.

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	20	0 - 2002	0 - 2002	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	12.25	0 - 6198	0 - 6198	9.625	40	J-55	BUTT	1.125	1.125	1.8
Production Top	8.75	0 - 10168	0 - 10098	7	29	P-110	DWC/C	1.125	1.125	1.8
Production Bottom	8.75	10168 - 21059	10098 - 10701	5.5	20	P-110	Hunting TLW	1.125	1.125	1.8

- All casing strings will be tested in accordance with Onshore Order #2 - III.B.1.h

- Rustler top will be validated via drilling parameters (i.e. reduction in ROP) and surface casing setting depth revised accordingly if needed

- All non-API joint connections will be of like or greater quality, and as run specification sheets will be on location for review

- Request the option to deepen the Intermediate 1 casing set depth to the Bone Spring Lime

- Request the option to run a full 5.5" production string. Cement volumes will be adjusted accordingly.

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Class	Blend
Surface	Lead	1790	1.72	3082	12.5	50%	0	C	5% NaCl + LCM
	Tail	550	1.38	759	14.8	50%	1602	C	5% NaCl + LCM
Intermediate 1	Lead	1160	2.13	2478	12.6	50%	0	C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	450	1.38	616	14.8	50%	4958	C	5% NaCl + LCM

**Drill Plan**

Production	Lead	320	2.22	703	11.5	25%	5998	H	Fluid Loss + Dispersant + Retarder + LCM
	Tail	2610	1.35	3524	13.2	25%	9768	H	Fluid Loss + Dispersant + Retarder + LCM

Matador requests the option to run a DV tool with annular packer as contingency in the intermediate 1 section on 9-5/8" casing if lost circulation is encountered. If losses occur, the DV tool with packer will be placed at least 100' above the loss zone to give the option to pump cement as either a single stage or two stage.

Example:

Assuming DV tool is set at 2500' MD but if the setting depth changes, cement volumes will be adjusted proportionately.

Stage 1:

Type	Sacks	Yield	Weight	Percent	Top of	Class	Blend
Lead	1160	2.13	12.6	50	0	C	Bentonite + 2% CaCL2 + 3%
Tail	450	1.38	14.8	50	4958	C	5% NaCl + LCM

Stage 2:

Type	Sacks	Yield	Weight	Percent	Top of	Class	Blend
Lead	640	1.78	13.5	10	0	C	Bentonite + 2% CaCL2 + 3%

## 5. Mud Program

An electronic Pason mud monitoring system complying with Onshore Order 2 will be used. All necessary mud products (barite, bentonite, LCM) for weight addition and fluid loss control will be on location at all times. Mud program is subject to change due to hole conditions.

Hole Section	Hole Size (in)	Mud Type	Interval MD (ft)	Density (lb/gal)	Viscosity	Fluid Loss
Surface	20	Spud Mud	0 - 2002	8.4 - 8.8	28-30	NC
Intermediate 1	12.25	Brine Diesel Emulsion	2002 - 6198	8.4 - 9.4	28-30	NC
Production	8.75	Cut Brine/OBM	6198 - 21059	8.6 - 9.4	28-30	NC

## 6. Cores, Test, & Logs

No core or drill stem test is planned.

No electric logs are planned at this time. GR will be collected through the MWD tools from Intermediate casing to TD. CBL with CCL will be run as far as gravity will let it fall to top of curve.

## 7. Down Hole Conditions

No abnormal pressure or temperature is expected. Maximum anticipated surface pressure is 2876 psi. Expected bottom hole temperature is 150° F.

In accordance with Onshore Order 6, Matador does not anticipate that there will be enough H2S from the surface to the Bone Spring formations to meet the BLM's minimum requirements for the submission of a "H2S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have a H2S safety package on all wells, attached is a "H2S Drilling Operations Plan." Adequate flare lines will be installed off the mud/gas separator where gas may be flared safely. All personnel will be familiar with all aspects of safe operation of the equipment being used.

**District I**  
 1625 N. French Dr., Hobbs, NM 88240  
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**District IV**  
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 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 15679

**CONDITIONS OF APPROVAL**

Operator: MATADOR PRODUCTION COMPANY      One Lincoln Centre 5400 LBJ Freeway, Ste 1500      Dallas, TX75240		OGRID: 228937	Action Number: 15679	Action Type: C-103A
OCD Reviewer pkautz		Condition None		