

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

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:		

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

¹⁰Surface Location

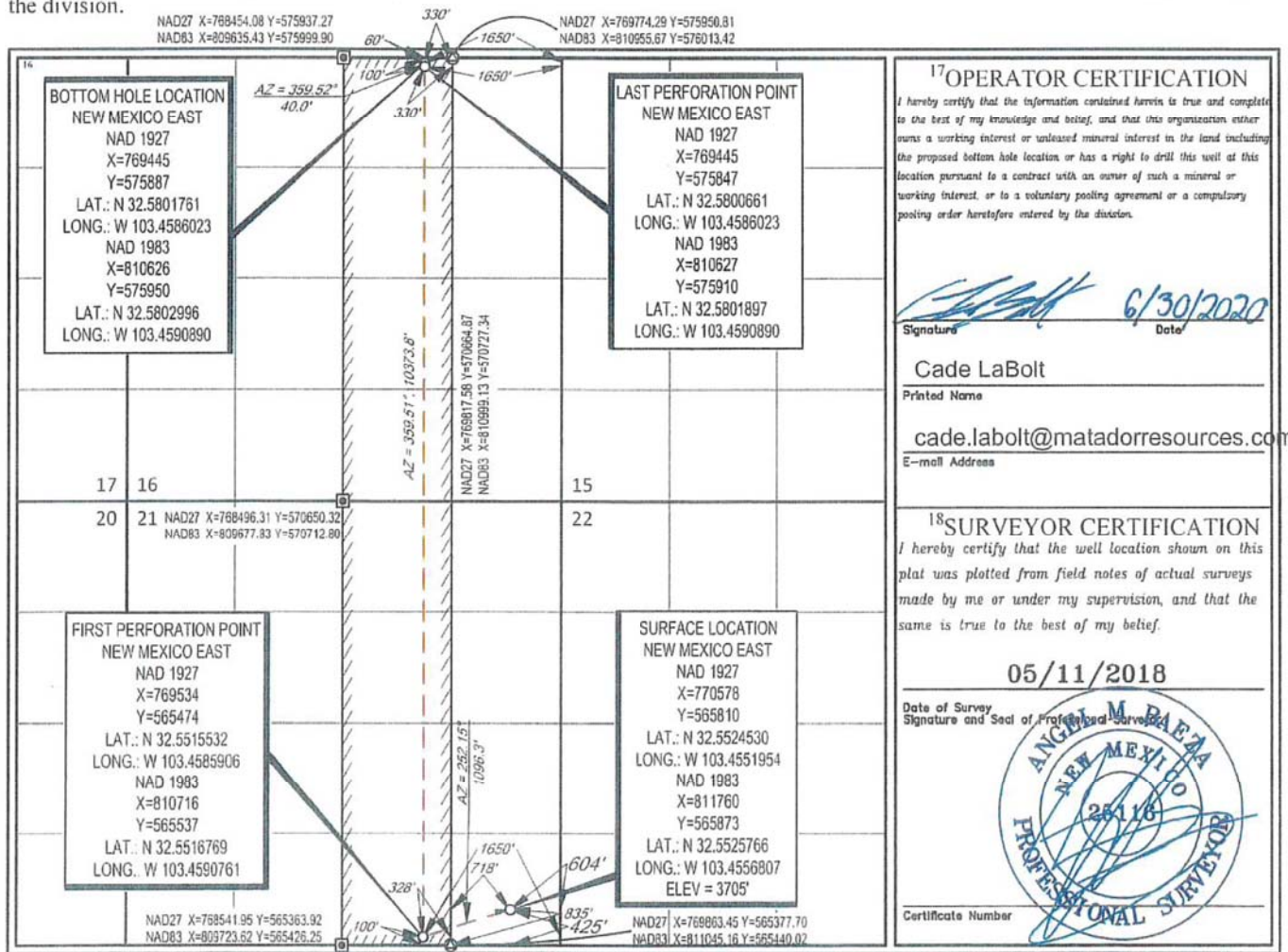
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	21	20-S	35-E	-	425'	SOUTH	604'	EAST	LEA

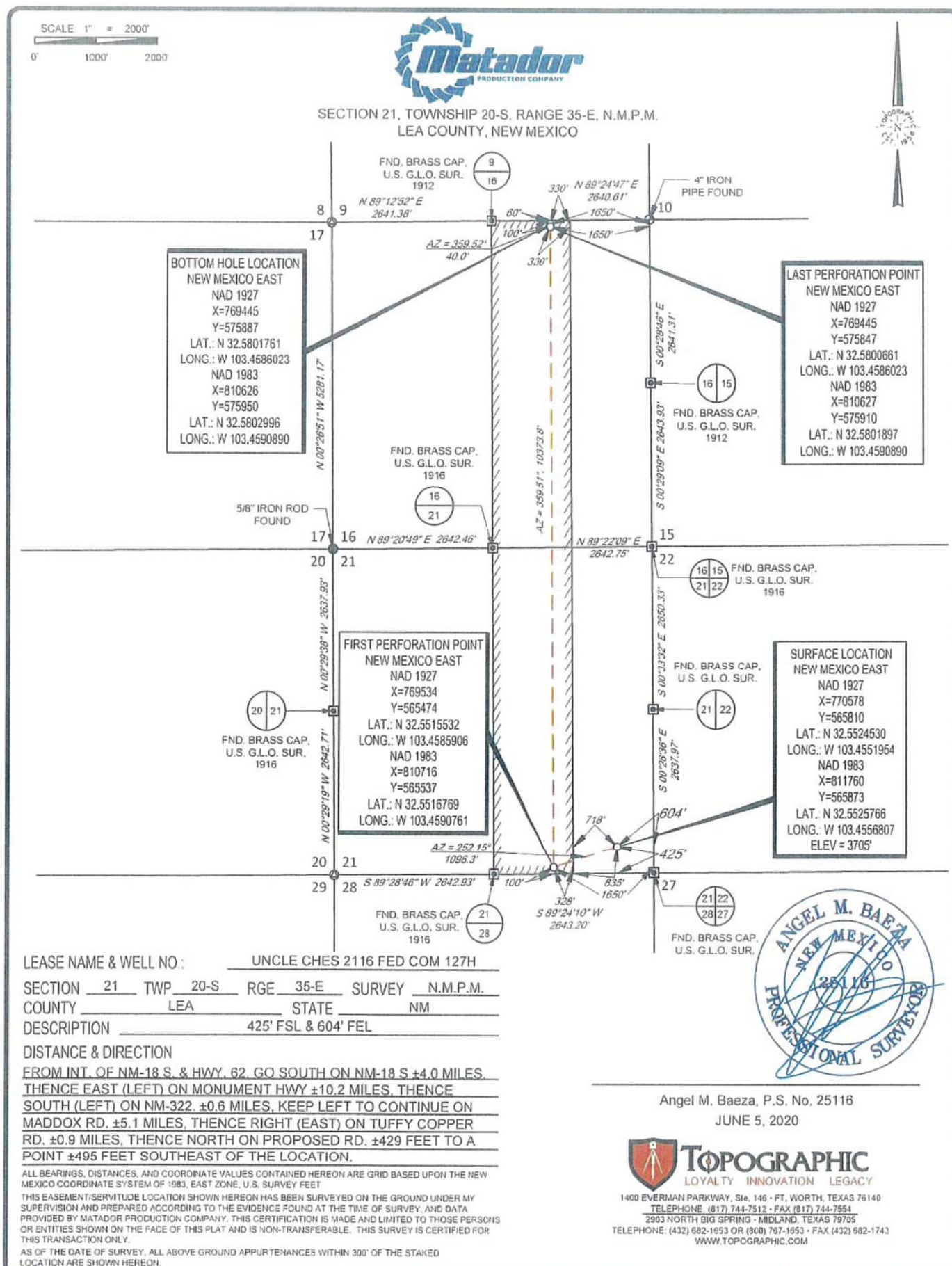
¹¹Bottom Hole Location If Different From Surface

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

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
--------------------------------------	-------------------------------	----------------------------------	-------------------------

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





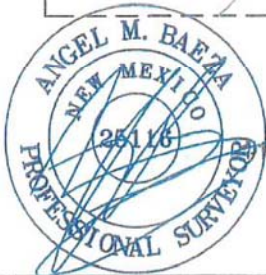
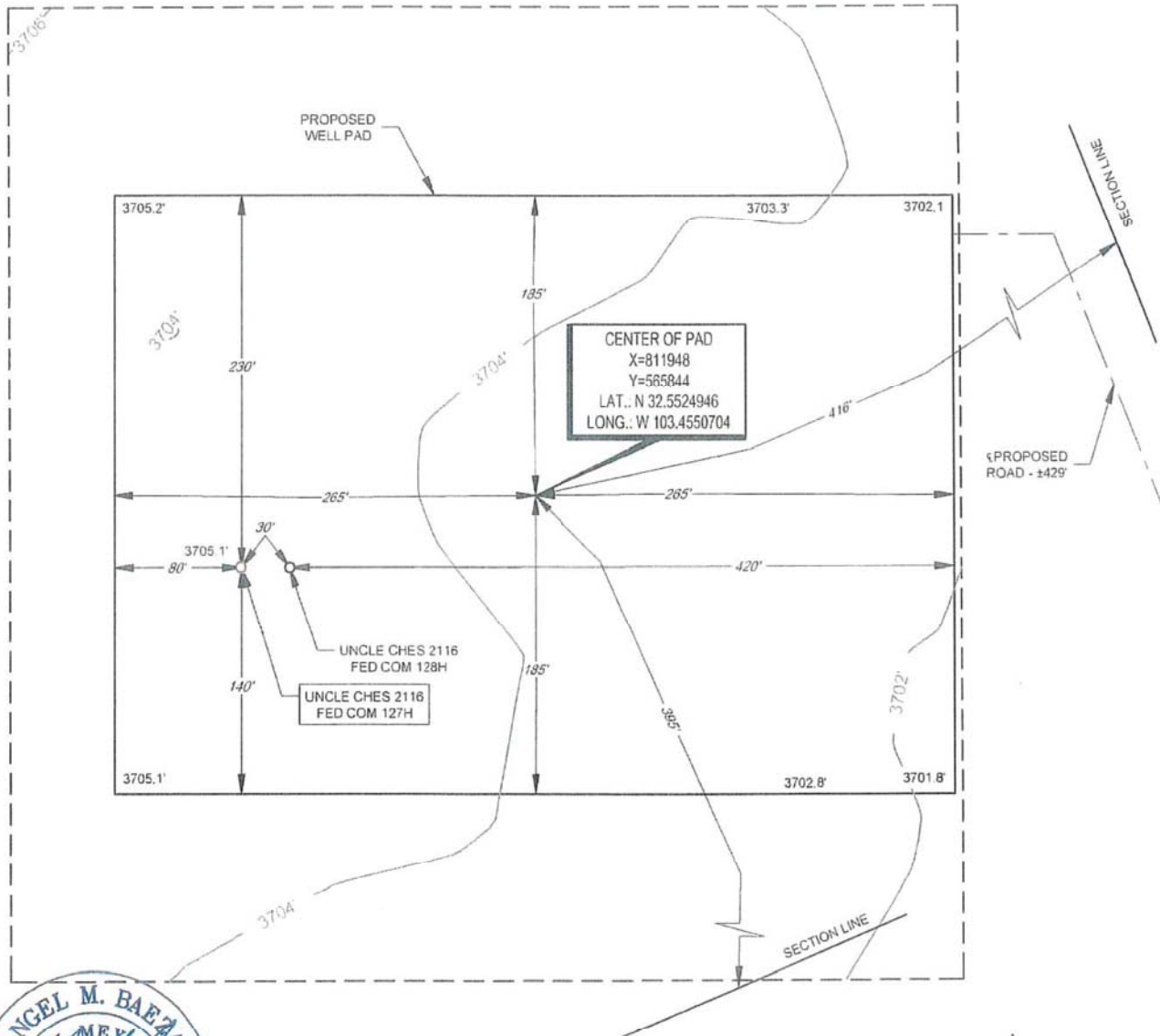


LEGEND

- PROPOSED ROAD
 SECTION LINE
 ARCH SITE

SECTION 21, TOWNSHIP 20-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: UNCLE CHES 2116 FED COM 127H
 #127H LATITUDE N 32.5525766 #127H LONGITUDE W 103.4556807

CENTER OF PAD IS 395' FSL & 416' FEL

Angel M. Baeza, P.S. No. 25116

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983 EAST ZONE, U.S. SURVEY FEET, ELEVATIONS USED ARE NAVD83, OBTAINED THROUGH AN OPUS SOLUTION.

THIS PROPOSED PAD SITE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY THE DATA SHOWN ABOVE IS BEING CERTIFIED TO. ALL OTHER INFORMATION WAS INTENTIONALLY OMITTED. THIS PLAT IS ONLY INTENDED TO BE USED FOR A PERMIT AND IS NOT A BOUNDARY SURVEY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION.

ORIGINAL DOCUMENT SIZE: 8.5" X 11"



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
 2603 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 882-1653 OR (800) 767-1653 • FAX: (432) 882-1743
 WWW.TOPOGRAPHIC.COM

SCALE: 1" = 100'
 0' 50' 100'

S:\SURVEY\MATADOR_RESOURCES\UNCLE_CHES_21-20S-35E\FINAL_PRODUCTS\SILO_UNCLE_CHES_2116_FED_COM_127H_REV2.DWG 6/9/2020 1:56:35 PM adisabella

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
KOP	10,268	10,198	-	Sandstone	Oil/Natural Gas
2nd Bone Spring Sand	10,426	10,354	-	Sandstone	Oil/Natural Gas
TD	21,059	10,701		Sandstone	Oil/Natural Gas

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
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 15679

CONDITIONS OF APPROVAL

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