

Well Name: RODNEY ROBINSON FED COM	Well Location: T23S / R33E / SEC 7 / SESE / 32.3135917 / -103.6037167	County or Parish/State: LEA / NM
Well Number: 024H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM138876	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547345	Well Status: Approved Application for Permit to Drill	Operator: MATADOR PRODUCTION COMPANY

Notice of Intent

Sundry ID: 2666404

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 04/11/2022	Time Sundry Submitted: 01:30
Date proposed operation will begin: 07/01/2022	

Procedure Description: BLM Bond No. NMB 001079 Surety Bond No. RLB 0015172 Matador respectfully request the option to make the following changes to the Rodney Robinson Federal #024H: - Change the SHL from 576' FSL & 245' FEL to 575' FSL & 335' FEL. SHL remains on previously approved pad site. - Change the BHL from 60' FNL & 330' FEL to 60' FNL & 992' FEL. BHL remains in the previously approved unit. - Deepen well to 2nd Bone Spring, attached is revised drill plan with updated casing depths Thanks for your time and diligence on this matter.

NOI Attachments

Procedure Description

- LO_RODNEY_ROBINSON_FED_COM_024H_REV7_S_20220411132941.pdf
- Rodney_Robinson_Fed_Com_024H_Drill_Plan_20220411132941.pdf
- Rodney_Robinson_Fed_Com_024H_Casing_Specs_5.5in_20lb_Hunting_TLW_SC_20220411132941.pdf
- Rodney_Robinson_Fed_Com_024H_Casing_Table_Spec_20220411132941.pdf

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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: HAWKS HOLDER

Signed on: APR 11, 2022 01:29 PM

Name: MATADOR PRODUCTION COMPANY

Title: Landman

Street Address: 5400 LBJ FREEWAY, SUITE 1500

City: DALLAS

State: TX

Phone: (806) 282-6846

Email address: HAWKS.HOLDER@MATADORRESOURCES.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CODY LAYTON

BLM POC Title: Assistant Field Manager Lands & Minerals

BLM POC Phone: 5752345959

BLM POC Email Address: clayton@blm.gov

Disposition: Approved

Disposition Date: 07/27/2022

Signature: Cody R. Layton

Casing Table Specification Sheet

Rodney Robinson Fed Com 024H
SHL: 576' FSL & 185' FEL Section 7
BHL: 60' FNL & 330' FEL Section 6
Township/Range: 23S 33E
Elevation Above Sea Level: 3718

String	Hole Size (in)	Set MD (ft)	Set TVD (ft)	Casing Size (in)	Wt. (lb/ft)	Grade	Joint	Collapse	Burst	Tension
Surface	17.5	0 - 1400	0 - 1400	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 8800	0 - 8650	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 18973	0 - 8727	5.5	20	P-110	Hunting TLW-SC	1.125	1.125	1.8



TEC-LOCK WEDGE

5.500" 20 LB/FT (.361"Wall) with 5.875" SPECIAL CLEARANCE OD
BEN P110 CY

Pipe Body Data

Nominal OD:	5.500	in
Nominal Wall:	.361	in
Nominal Weight:	20.00	lb/ft
Plain End Weight:	19.83	lb/ft
Material Grade:	P110 CY	
Mill/Specification:	BEN	
Yield Strength:	125,000	psi
Tensile Strength:	135,000	psi
Nominal ID:	4.778	in
API Drift Diameter:	4.653	in
Special Drift Diameter:	None	in
RBW:	87.5 %	
Body Yield:	729,000	lbf
Burst:	14,360	psi
Collapse:	13,010	psi

Connection Data

Standard OD:	5.875	in
Pin Bored ID:	4.778	in
Critical Section Area:	5.656	in ²
Tensile Efficiency:	97 %	
Compressive Efficiency:	100 %	
Longitudinal Yield Strength:	707,000	lbf
Compressive Limit:	729,000	lbf
Internal Pressure Rating:	14,360	psi
External Pressure Rating:	13,010	psi
Maximum Bend:	101.2	°/100ft

Operational Data

Minimum Makeup Torque:	15,000	ft*lbf
Optimum Makeup Torque:	18,700	ft*lbf
Maximum Makeup Torque:	41,200	ft*lbf
Minimum Yield:	45,800	ft*lbf
Makeup Loss:	5.97	in

Notes Operational Torque is equivalent to the Maximum Make-Up Torque

Generated on Sep 03, 2019



Drill Plan

Rodney Robinson Fed Com 024H
SHL: 576' FSL & 185' FEL Section 7
BHL: 60' FNL & 330' FEL Section 6
Township/Range: 23S 33E
Elevation Above Sea Level: 3718

Drilling Operation Plan

Proposed Drilling Depth: 18973' MD / 8727' TVD

Type of well: Horizontal well, no pilot hole

Permitted Well Type: Oil

Geologic Name of Surface Formation Quaternary Deposits

KOP Lat/Long (NAD83): 32.3121432916 N / -103.6038294304 W

TD Lat/Long (NAD83): 32.3408852698 N / -103.6040953702 W

1. Estimated Tops

Formation	MD (ft)	TVD (ft)	Thickness (ft)	Lithology	Resource
Rustler	1,264	1,264	506	Anhydrite	Barren
Salado (Top of Salt)	1,770	1,770	1,667	Salt	Barren
Castile	3,437	3,437	1,565	Salt	Barren
Lamar (Base of Salt)	5,002	5,002	37	Dolomite	Barren
Bell Canyon	5,039	5,039	846	Sandstone	Oil/Natural Gas
Cherry Canyon	5,885	5,885	1,331	Sandstone	Oil/Natural Gas
Brushy Canyon	7,216	7,216	938	Sandstone	Oil/Natural Gas
KOP	8,188	8,154	-	Sandstone	Oil/Natural Gas
TD	18,973	8,727		Sandstone	Oil/Natural Gas

2. Notable Zones

Brushy Canyon 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 78'

3. Pressure Control**Equipment**

A 12,000' 5,000-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 5,000 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.

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	17.5	0 - 1400	0 - 1400	13.375	54.5	J-55	BUTT	1.125	1.125	1.8
Intermediate 1	9.875	0 - 8800	0 - 8650	7.625	29.7	P-110	BUTT	1.125	1.125	1.8
Production	6.75	0 - 18973	0 - 8727	5.5	20	P-110	Hunting TLW-SC	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 80° in curve, no changes in pipe grade or weight is necessary.

Variance Request

Drill Plan

Matador request a variance to wave the centralizer requirement for the 7-5/8" casing and the 5-1/2" SF/Flush casing in the 6-3/4" hole.

If a DV tool is used, depth(s) will be adjusted based on hole conditions and cement volumes will be adjusted proportionally. DV tool will be set a minimum of 50 feet below previous casing and a minimum of 200 feet above the current shoe. Lab reports with the 500 psi compressive strength time for the cement will be onsite for review.

Matador request option to perform a bradenhead cement squeeze on Intermediate 1 string.

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.

String	Type	Sacks	Yield	Cu. Ft.	Weight	Percent Excess	Top of Cement	Class	Blend
Surface	Lead	710	1.72	1218	13.5	50%	0	C	5% NaCl + LCM
	Tail	250	1.38	347	14.8	50%	1100	C	5% NaCl + LCM
Intermediate 1	Lead	620	3.66	2262	10.3	35%	0	A/C	Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	210	1.38	290	13.2	35%	7800	A/C	5% NaCl + LCM
Production	Tail	710	1.35	953	13.2	10%	8600	A/C	Fluid Loss + Dispersant + Retarder

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	17.5	Spud Mud	0 - 1400	8.4 - 8.8	28-30	NC
Intermediate 1	9.875	Diesel Brine Emulsion	1400 - 8800	8.4 - 9.4	28-30	NC
Production	6.75	OBM/Cut Brine	8800 - 18973	8.6 - 9.4	50-65	<20

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

Drill Plan

No abnormal pressure or temperature is expected. Bottom hole pressure is 4266 psi. Maximum anticipated surface pressure is 2346 psi. Expected bottom hole temperature is 141 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 an "H2S Drilling Operation Plan" or "Public Protection Plan" for the drilling and completion of this well. Since we have an H2S safety package on all wells, attached is an "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 equipment being used.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
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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 30-025-47345		² Pool Code 51689	³ Pool Name RED TANK; DELAWARE, WEST
⁴ Property Code 328112	⁵ Property Name RODNEY ROBINSON FED COM		⁶ Well Number 024H
⁷ OGRID No. 228937	⁸ Operator Name MATADOR PRODUCTION COMPANY		⁹ Elevation 3720'

¹⁰Surface Location

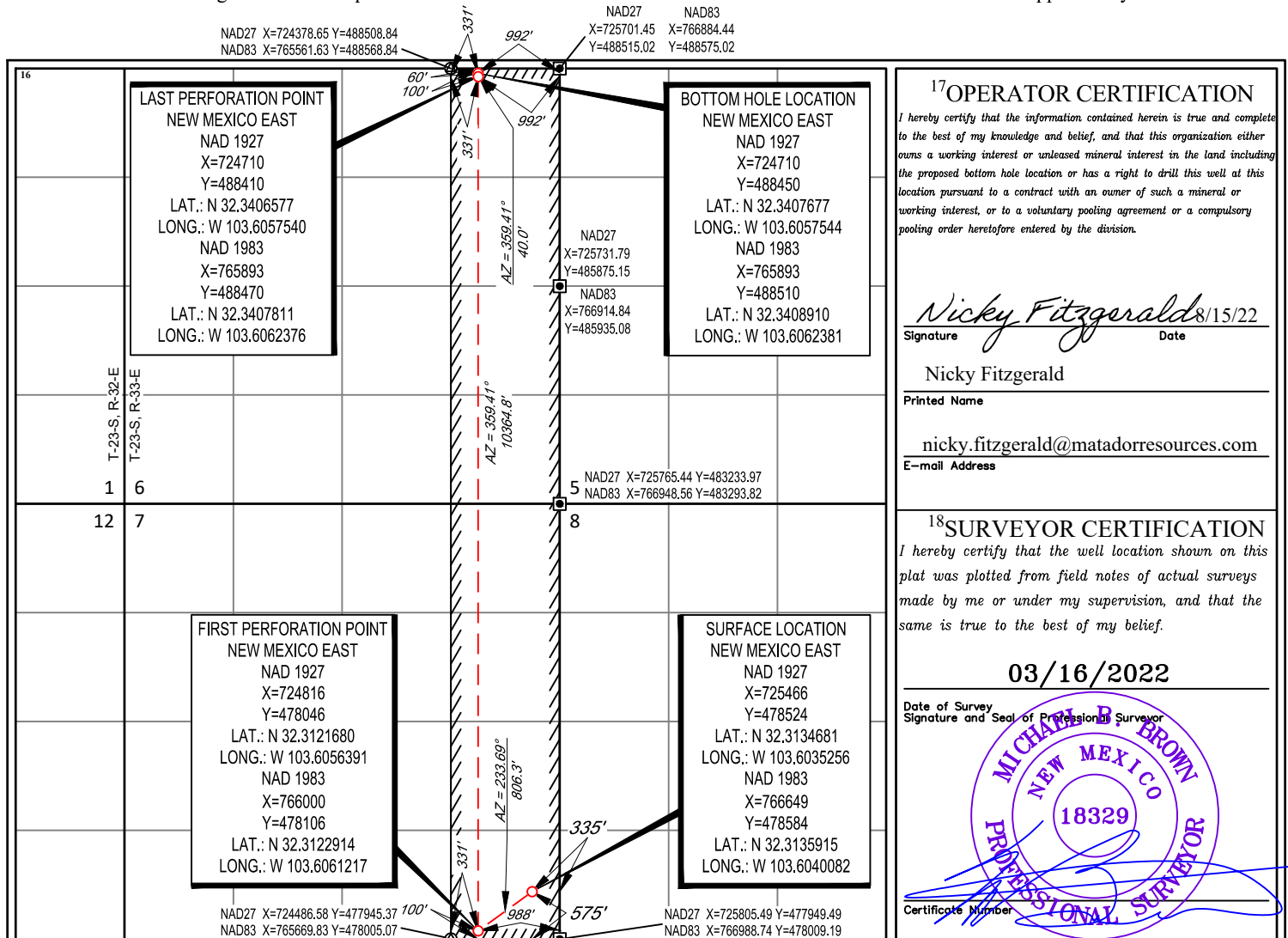
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	7	23-S	33-E	-	575'	SOUTH	335'	EAST	LEA

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
1	6	23-S	33-E	-	60'	NORTH	992'	EAST	LEA

¹² Dedicated Acres 320.05	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

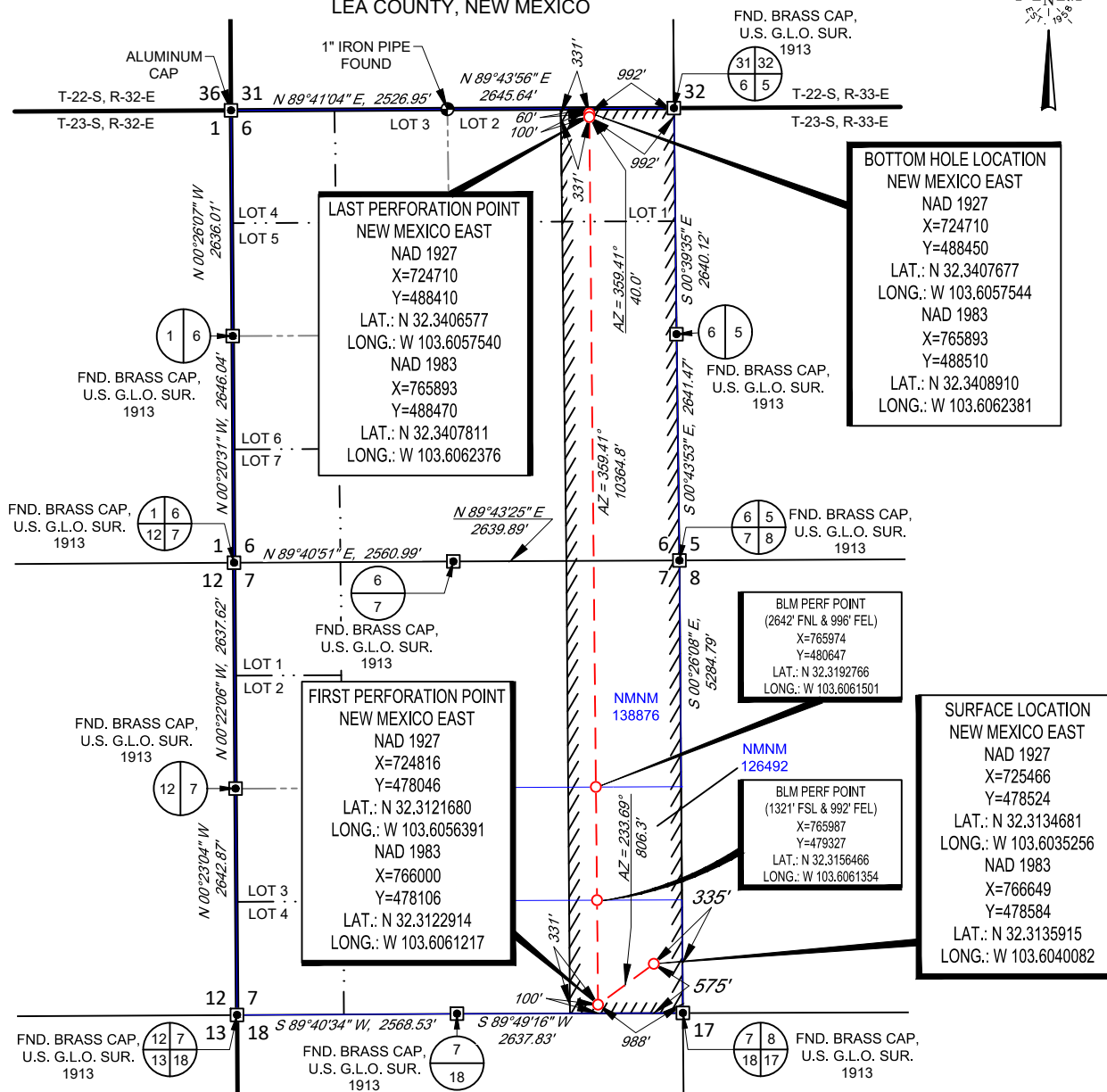


SCALE: 1" = 2000'

0' 1000' 2000'



SECTION 7, TOWNSHIP 23-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: RODNEY ROBINSON FED COM 024H

SECTION 7 TWP 23-S RGE 33-E SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 575' FSL & 335' FEL

DISTANCE & DIRECTION

FROM INT. OF CR 21. & NM-128. GO WEST ON NM-128 ±3.3 MILES. THENCE NORTH (RIGHT) ON CR 2-A ±4.2 MILES. THENCE WEST (LEFT) ON J-2/XI RD. ±2.8 MILES. THENCE CONTINUE NORTH (RIGHT) ON J-2/XI RD. ±1.4 MILES. THENCE NORTHWEST (LEFT) ON A LEASE RD. ±0.4 MILES. THENCE NORTHEAST (RIGHT) ON A LEASE RD. ±0.7 MILES. THENCE SOUTHEAST (RIGHT) ON A PROPOSED RD. ±1106 FEET TO A POINT ±302 FEET NORTHWEST OF THE LOCATION.

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

THIS EASEMENT/SERVITUDE 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. 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 ONLY.

AS OF THE DATE OF SURVEY, ALL ABOVE GROUND APPURTENANCES WITHIN 300' OF THE STAKED LOCATION ARE SHOWN HEREON.



Michael Blake Brown, P.S. No. 18329
March 21, 2022

TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
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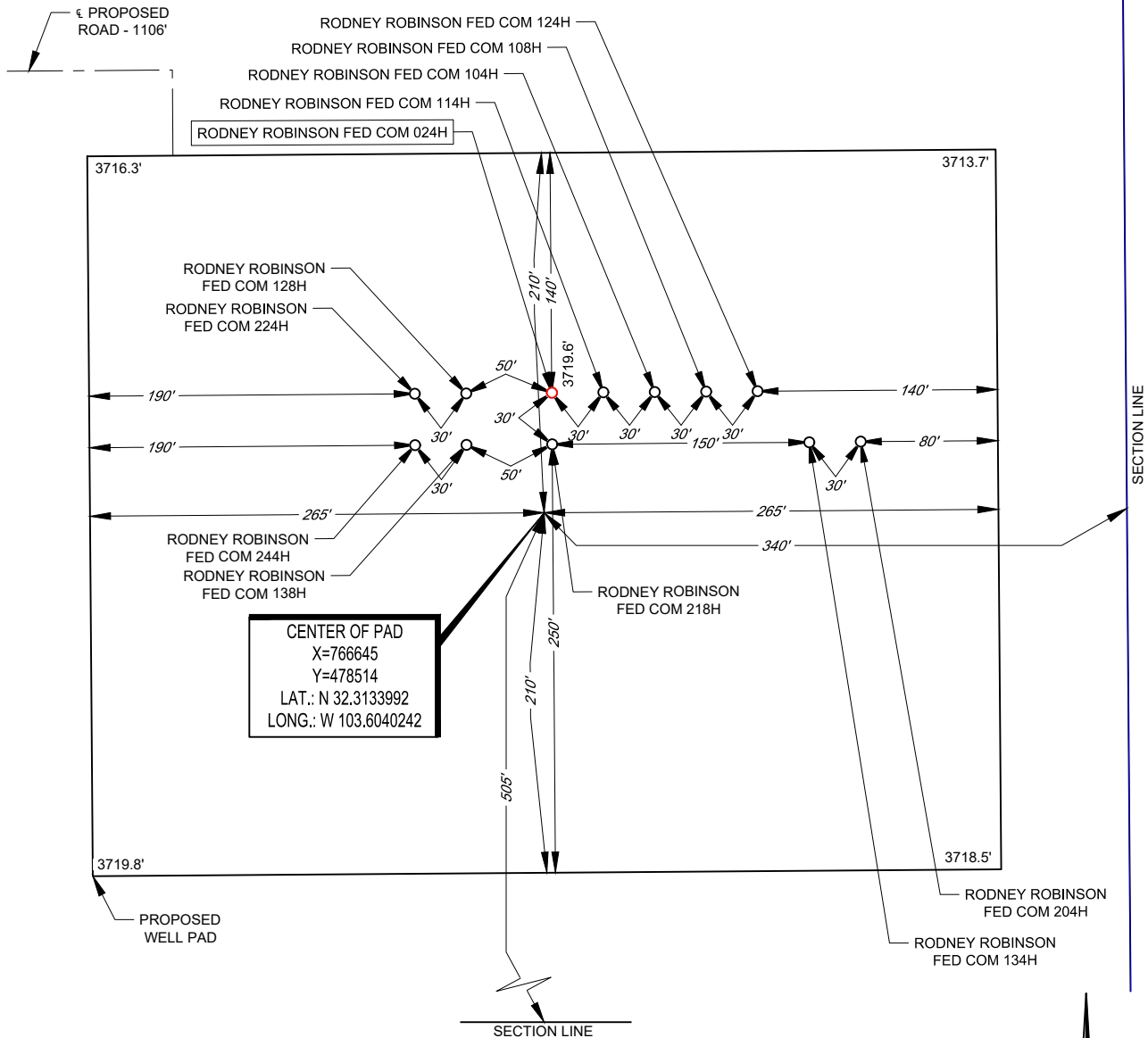


LEGEND

SECTION LINE
PROPOSED ROAD

SECTION 7, TOWNSHIP 23-S, RANGE 33-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: RODNEY ROBINSON FED COM 024H
024H LATITUDE N 32.3135915 024H LONGITUDE W 103.6040082

CENTER OF PAD IS 505' FSL & 340' FEL



Michael Blake Brown, P.S. No. 18329

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 NAVD88, 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

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Released to Imaging: 8/19/2022 9:07:17 AM



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



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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 133880

CONDITIONS

Operator: MATADOR PRODUCTION COMPANY One Lincoln Centre Dallas, TX 75240	OGRID: 228937
	Action Number: 133880
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	PREVIOUS COA's APPLY	8/19/2022