

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

Carlsbad
OCD
Lease Serial No. NMNM136226
6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit or CA/Agreement, Name and/or No.
2. Name of Operator MATADOR PRODUCTION COMPANY Contact: TAMMY R LINK Email: tlink@matadorresources.com		8. Well Name and No. LESLIE FED COM 203H
3a. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240	3b. Phone No. (include area code) Ph: 575-627-2465	9. API Well No. 30-025-44545
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 17 T25S R35E Mer NMP SESE 390FSL 584FEL		10. Field and Pool or Exploratory Area DOGIE DRAW; WOLFCAMP
		11. County or Parish, State LEA COUNTY, NM

HOBBS OCD

JAN 16 2018

RECEIVED

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Change to Original APD
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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

BLM Bond No: NMB0001079
Surety Bond: RLB0015172

PCM 12/27/18

AMENDED-PLEASE DELETE PRIOR SUNDRY FOR THIS WELL AND REPLACE WITH THIS ONE.

Please see attached C-102 to revise the BHL of Matador's Leslie Fed Com #203H well:

**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

BHL: from 240' FNL and 990' FEL, Sec. 17, T25S, R35E, to 100' FNL and 1270' FEL of Sec. 17, T25S, R35E, BHL have been moved within previously approved footprint.

Adjusted Surface casing depth from 1000' to 950' due to new information on the Rustler top based on recent offset wells.

12/27/2018: Engineering review completed by m Hazel

14. I hereby certify that the foregoing is true and correct. Electronic Submission #446676 verified by the BLM Well Information System For MATADOR PRODUCTION COMPANY, sent to the Hobbs	
Name (Printed/Typed) TAMMY R LINK	Title PRODUCTION ANALYST
Signature (Electronic Submission)	Date 12/06/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <i>[Signature]</i> Walls	Title SPE	Date 12/27/18
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office CFO

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

(Instructions on page 2)

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

Additional data for EC transaction #446676 that would not fit on the form

32. Additional remarks, continued

Adjusted Intermediate I casing depth from 5600' to 5500' due to new information on the Base of the salt from recent offset wells.

Adjusted Intermediate II casing from 7 5/8" to x 7" to 7 5/8" longstring and adjusted estimated setting depths.

Adjusted production hole size from 6 1/8" to 6 3/4" and the bottom production casing size from 4 1/2" 13.5# P-110/TXP to 5 1/2" 20# P-110 Eagle SFH. Spec sheet attached for 5 1/2" 20# Eagle SFH.

Adjusted cement volumes for all strings accordingly.

Please e-mail all questions to JD Harkrider, jharkrider@matadorresources.com

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., Sante 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.
Sante 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 30-025-44545		² Pool Code 17980		³ Pool Name Dogie Draw; Wolfcamp	
⁴ Property Code 320549		⁵ Property Name LESLIE FED COM			⁶ Well Number #203H
⁷ GRID No. 228937		⁸ Operator Name MATADOR PRODUCTION COMPANY			⁹ Elevation 3257'

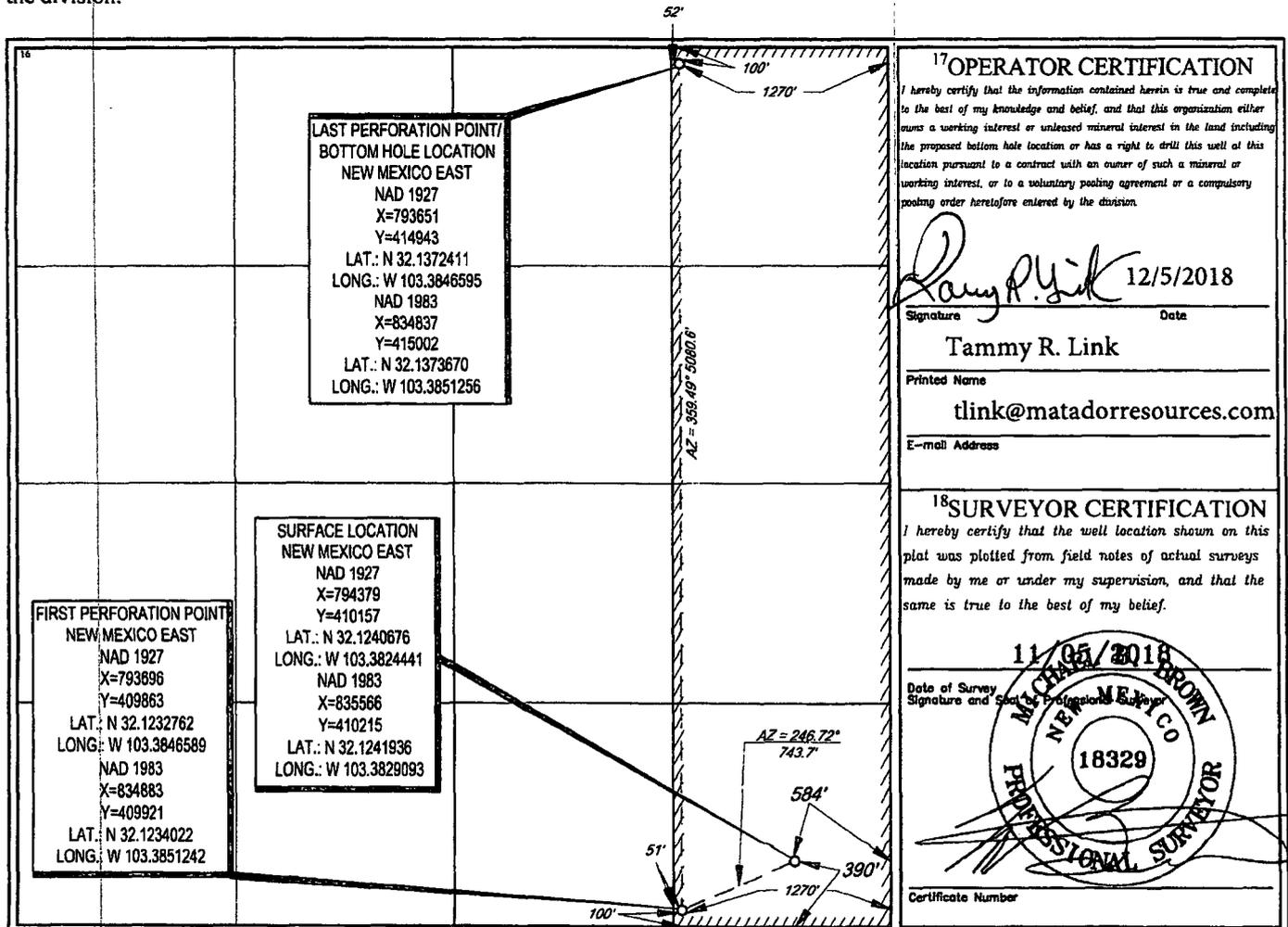
¹⁰Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	17	25-S	35-E	-	390'	SOUTH	584'	EAST	LEA

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	17	25-S	35-E	-	100'	NORTH	1270'	EAST	LEA

¹¹ Dedicated Acres 160	¹² Joint or Infill	¹³ Consolidation Code	¹⁴ 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.



¹⁷OPERATOR 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.

Tammy R. Link 12/5/2018
Signature Date

Tammy R. Link
Printed Name

tlink@matadorresources.com
E-mail Address

¹⁸SURVEYOR 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.

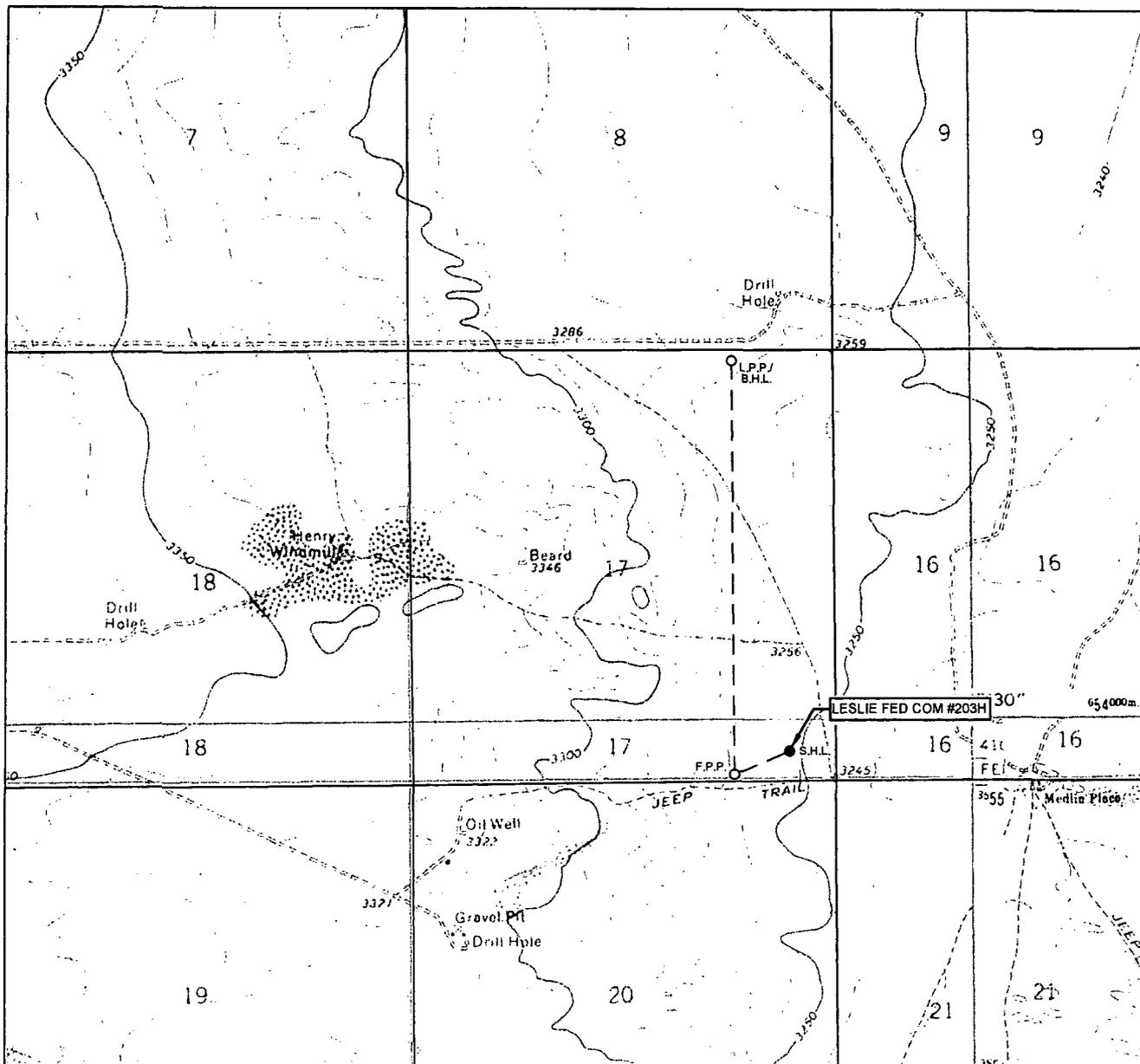
11/05/2018
Date of Survey

[Signature]
Signature and Seal of Professional Surveyor

MICHAEL BROWN
NEW MEXICO
18329
PROFESSIONAL SURVEYOR

Certificate Number

LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: LESLIE FED COM #203H

SECTION 17 TWP 25-S RGE 35-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3257'
 DESCRIPTION 390' FSL & 584' FEL

LATITUDE N 32.1241936 LONGITUDE W 103.3829093



SCALE: 1" = 2000'
 0' 1000' 2000'

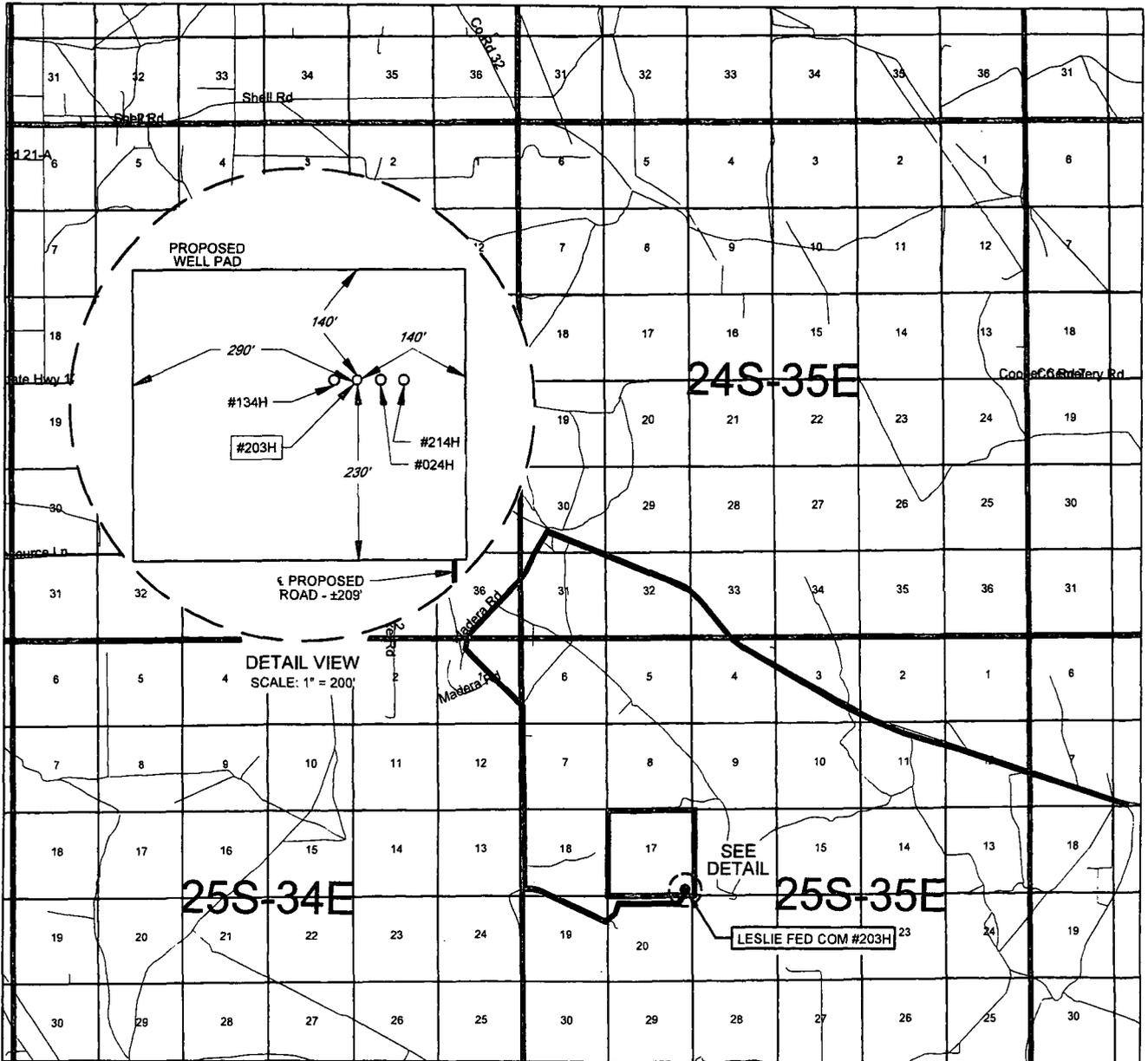
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY MATADOR PRODUCTION COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET.



1400 EVERMAN PARKWAY, Ste. 146 • FT. WORTH, TEXAS 76140
 TELEPHONE: (817) 744-7512 • FAX (817) 744-7554
 2803 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

VICINITY MAP



LEASE NAME & WELL NO.: LESLIE FED COM #203H

SECTION 17 TWP 25-S RGE 35-E SURVEY N.M.P.M.

COUNTY LEA STATE NM

DESCRIPTION 390' FSL & 584' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-128 W. & NM-205 N GO WEST ON NM-128 ±13.8 MILES. THENCE SOUTH (LEFT) ON BATTLE AXE RD. ±0.3 MILES. THENCE SOUTH ON MADERA RD. ±1.4 MILES. THENCE SOUTHEAST (LEFT) ON LEASE RD. ±3.1 MILES. THENCE EAST (LEFT) ±1.0 MILES. THENCE NORTHEAST (LEFT) ±0.5 MILES. THENCE NORTH (LEFT) ON A PROPOSED RD. ±209 FEET TO A POINT ±550 FEET SOUTH OF THE LOCATION.

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.

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SCALE: 1" = 10000'

0' 5000' 10000'

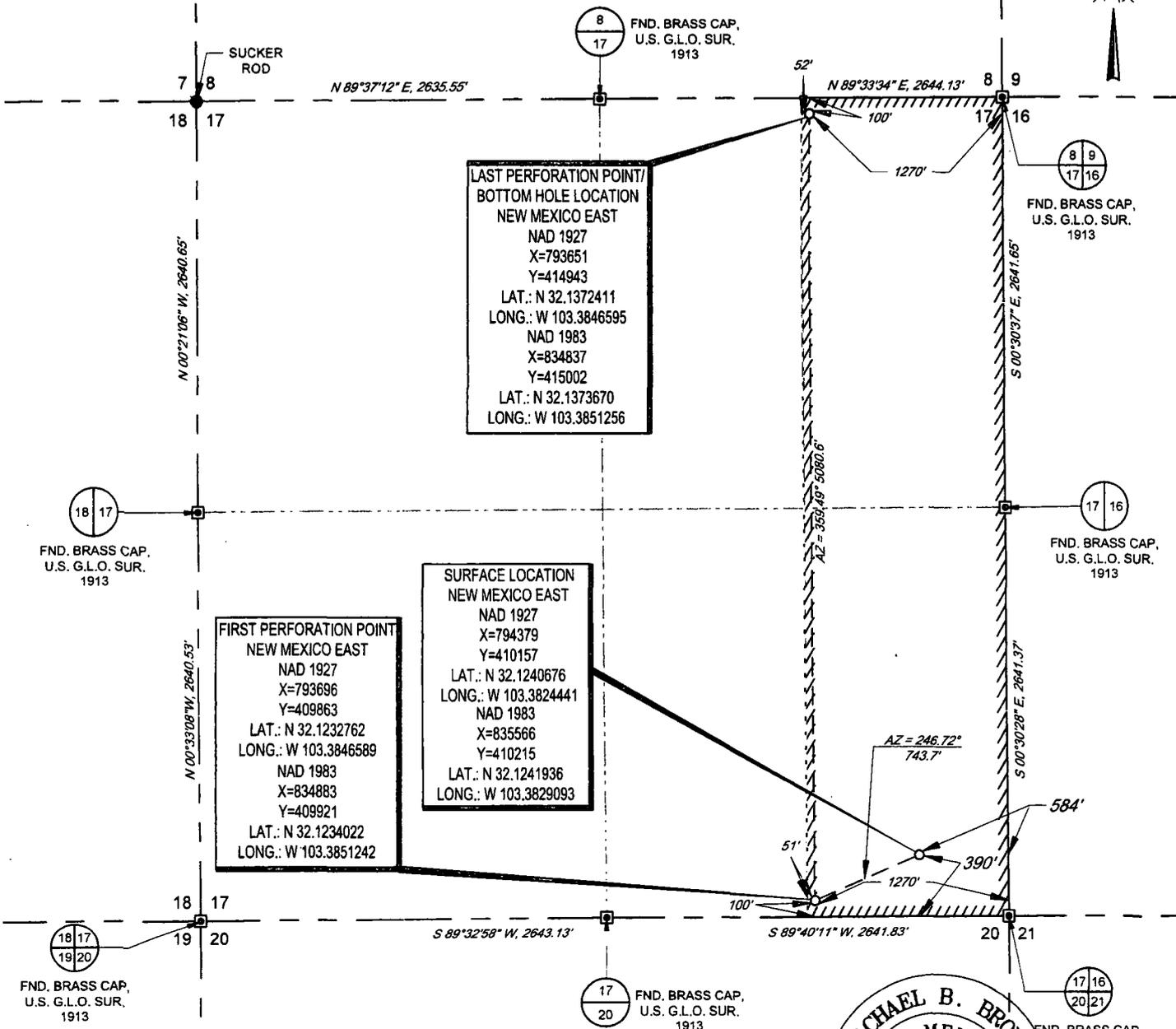


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 WWW.TOPOGRAPHIC.COM

SCALE: 1" = 1000'
 0' 500' 1000'



SECTION 17, TOWNSHIP 25-S, RANGE 35-E, N.M.P.M.
 LEA COUNTY, NEW MEXICO



LEASE NAME & WELL NO.: LESLIE FED COM #203H

SECTION 17 TWP 25-S RGE 35-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM

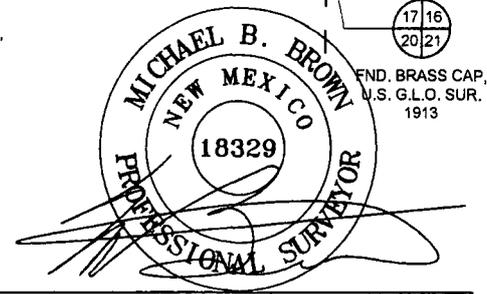
DESCRIPTION 390' FSL & 584' FEL

DISTANCE & DIRECTION
FROM INT. OF NM-128 W. & NM-205 N GO WEST ON NM-128 ±13.8 MILES. THENCE SOUTH (LEFT) ON BATTLE AXE RD. ±0.3 MILES. THENCE SOUTH ON MADERA RD. ±1.4 MILES. THENCE SOUTHEAST (LEFT) ON LEASE RD. ±3.1 MILES. THENCE EAST (LEFT) ±1.0 MILES. THENCE NORTHEAST (LEFT) ±0.5 MILES. THENCE NORTH (LEFT) ON A PROPOSED RD. ±209 FEET TO A POINT ±550 FEET SOUTH OF THE LOCATION.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1983, 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.



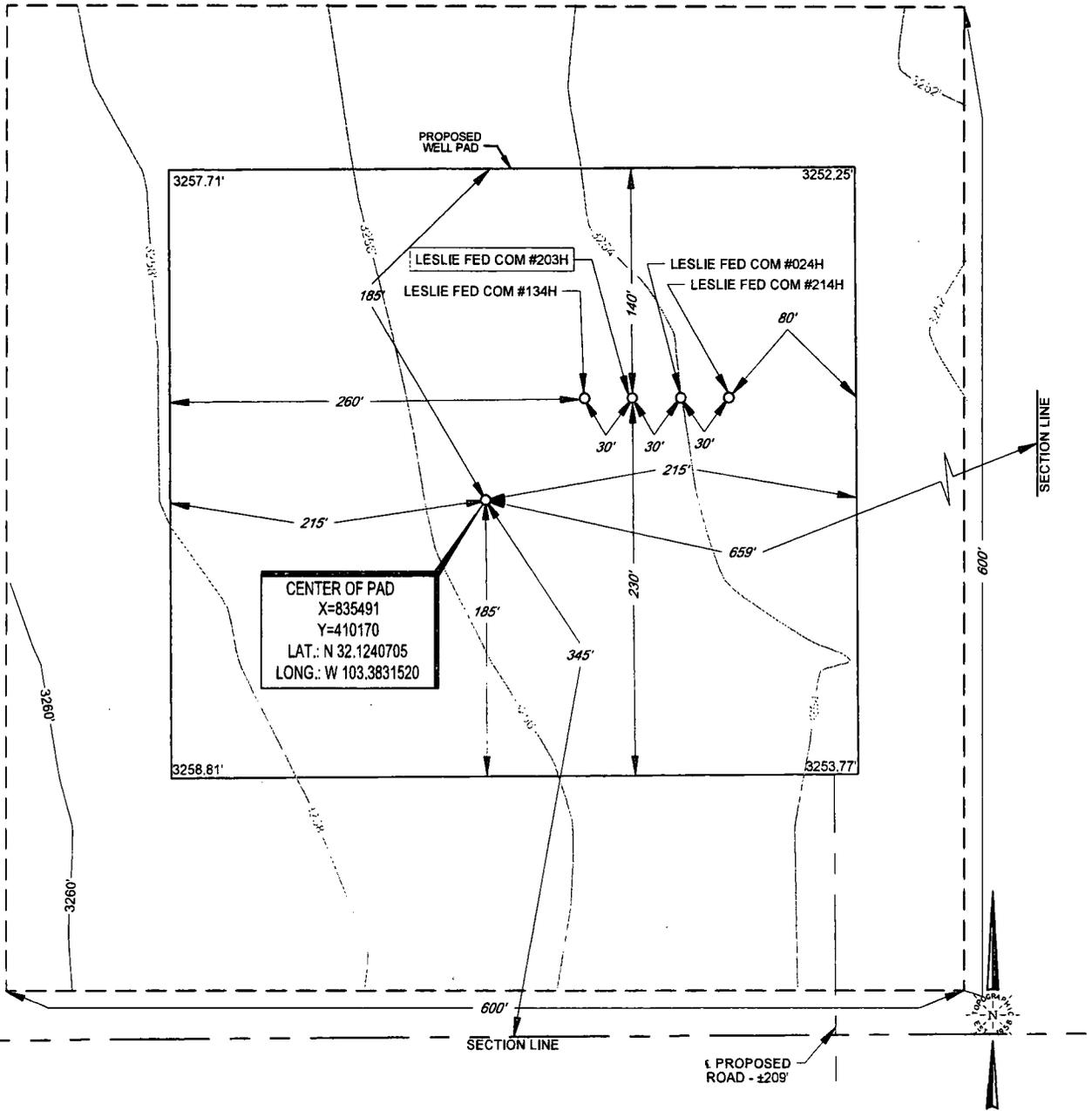
Michael Blake Brown, P.S. No. 18329
 DECEMBER 04, 2017

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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SECTION 17, TOWNSHIP 25-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

DETAIL VIEW
SCALE: 1" = 100'



LEASE NAME & WELL NO.: LESLIE FED COM #203H
 #203H LATITUDE N 32.1241936 #203H LONGITUDE W 103.3829093

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

CENTER OF PAD IS 345' FSL & 659' FEL

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE OF THE NORTH AMERICAN DATUM 1983, U.S. SURVEY FEET

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. 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.



TOPOGRAPHIC
LOYALTY INNOVATION LEGACY

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 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
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SCALE: 1" = 300'

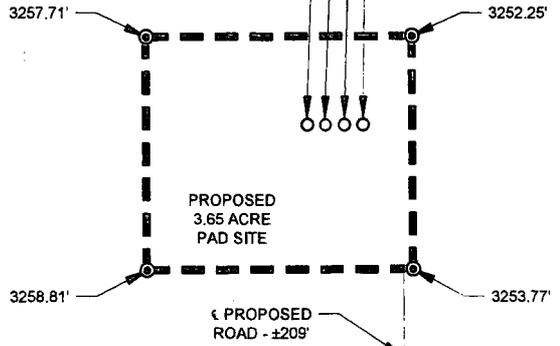
0' 150' 300'

SECTION 17, TOWNSHIP 25-S, RANGE 35-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



500' OFFSET AREA

LESLIE FED COM #214H
LESLIE FED COM #024H
LESLIE FED COM #203H
LESLIE FED COM #134H



LEGEND

- PROPOSED SITE
- 500' PROXIMITY
- SURVEY/SECTION LINE
- TRACT BORDER
- IRON ROD SET
- MONUMENT



FND. BRASS CAP,
U.S. G.L.O. SUR.
1913



FND. BRASS CAP,
U.S. G.L.O. SUR.
1913



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Michael Blake Brown, P.S. No. 18329
DECEMBER 04, 2018

LESLIE FED COM #203H PROXIMITY MAP	REVISION:	
	M.M.L.	01/26/2017
	GJU	08/17/2017
DATE: 09/26/16	MML	11/02/2017
FILE: LO_LESLIE_FED_COM_203H_REV4	JLS	12/04/2018
DRAWN BY: EAH		
SHEET: 7 OF 7		

- NOTES:
1. ORIGINAL DOCUMENT SIZE: 8.5" X 11"
 2. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREIN ARE GRID BASED UPON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM, EAST ZONE, U.S. SURVEY FEET, NORTH AMERICAN DATUM 1983.
 3. CERTIFICATION IS MADE ONLY TO THE LOCATION OF THIS EASEMENT, IN RELATION TO THE EVIDENCE FOUND DURING A FIELD SURVEY, MADE ON THE GROUND, UNDER MY SUPERVISION, AND USING DOCUMENTATION PROVIDED BY MATADOR PRODUCTION COMPANY. ONLY UTILITIES/EASEMENTS THAT WERE VISIBLE ON THE DATE OF THIS SURVEY, WITHIN/ADJOINING THIS EASEMENT, HAVE BEEN LOCATED AS SHOWN HEREON OF WHICH I HAVE KNOWLEDGE. THIS CERTIFICATION IS LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE, AND MADE FOR THIS TRANSACTION ONLY.

Formation Name	TVD	Bearing
Quaternary Fill	0	Water
Dewey Lake	389	Water
Rustler	909	Water
Salado	1431	Barren
Castile	3724	Barren
Base of Salt	5451	Barren
Bell Canyon	5474	Hydrocarbons
Cherry Canyon	6469	Hydrocarbons
Brushy Canyon	7917	Hydrocarbons
Bone Spring Lime	9254	Hydrocarbons
1st Bone Spring Carbonate	10323	Hydrocarbons
1st Bone Spring Sand	10397	Hydrocarbons
2nd Bone Spring Carbonate	10605	Hydrocarbons
2nd Bone Spring Sand	10994	Hydrocarbons
3rd Bone Spring Carbonate	11456	Hydrocarbons
3rd Bone Spring Sand	12111	Hydrocarbons
Wolfcamp A	12443	Hydrocarbons
Wolfcamp B	12818	Hydrocarbons
Strawn	14281	Hydrocarbons

Name	Hole Size	Casing Size	Wt/Grade	Thread Collar	Setting Depth	Top Cement
Surface	17-1/2"	13-3/8" (new)	54.5# J-55	BTC	950	Surface
Intermediate	12-1/4"	9-5/8" (new)	40# J-55	BTC	5500	Surface
Intermediate 2	8-3/4"	7-5/8" (new)	29.7# P-110	BTC	5200	5200
		7-5/8" (new)	29.7# P110	HTFNR	12600	
Production	6-3/4"	5-1/2" (new)	20# P-110	BTC	12000	12300
		5-1/2" (new)	20# P-110	Eagle SFH	17242	

***5-1/2" SF will be Eagle SFH or like connection

Name	Type	Sacks	Yield	Weight	Blend
Surface	Lead	200	1.75	13.5	Class C + Bentonite + 2% CaCL2 + 3% NaCl + LCM
	Tail	700	1.35	14.8	Class C + 5% NaCl + LCM
TOC = 0'		100% Excess			Centralizers per Onshore Order 2.III.B.1f
Intermediate	Lead	500	1.94	12.8	Class C + Bentonite + 1% CaCL2 + 8% NaCl + LCM
	Tail	180	1.35	14.8	Class C + 5% NaCl + LCM
TOC = 0'		50% Excess			2 on btm jt, 1 on 2nd jt, 1 every 4th jt to surface
Intermediate 2	Lead	315	2.79	11	Class C + Fluid Loss + Dispersant + Retarder + LCM
	Tail	110	1.46	13.2	Class C + Fluid Loss + Dispersant + Retarder + LCM
TOC = 5200'		35% Excess			1 every 4th jt from KOP to TOC; See requested variance
Production	Tail	375	1.23	14.2	Class H + Fluid Loss + Dispersant + Retarder + LCM
TOC = 12300'		10% Excess			See requested Variance

***All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.I.h

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

***A variance is requested to wave the centralizer requirement for the 7-5/8" flush casing in the last 800' of 8-3/4" hole and the 5-1/2" SF/Flush casing in the 6-3/4" hole.

Name	Hole Size	Mud Weight	Visc	Fluid Loss	Type Mud
Surface	17-1/2"	8.30	28	NC	FW Spud Mud
Intermediate	12-1/4"	10.00	30-32	NC	Brine Water
Intermediate 2	8-3/4"	9.00	30-31	NC	FW/Cut Brine
Production	6-3/4"	12.00	50-60	<10	OBM



U. S. Steel Tubular Products

3/12/2018 1:34:48 PM

5.500" 20.00lbs/ft (0.361" Wall) P110 HP USS-EAGLE SFH™

MECHANICAL PROPERTIES	Pipe	USS-EAGLE SFH™	
Minimum Yield Strength	125,000	--	psi
Maximum Yield Strength	140,000	--	psi
Minimum Tensile Strength	130,000	--	psi

DIMENSIONS	Pipe	USS-EAGLE SFH™	
Outside Diameter	5.500	5.830	in.
Wall Thickness	0.361	--	in.
Inside Diameter	4.778	4.693	in.
Standard Drift	4.653	4.653	in.
Alternate Drift	--	4.653	in.
Nominal Linear Weight, T&C	20.00	--	lbs/ft
Plain End Weight	19.83	--	lbs/ft

SECTION AREA	Pipe	USS-EAGLE SFH™	
Critical Area	5.828	5.027	sq. in.
Joint Efficiency	--	86.3	%

PERFORMANCE	Pipe	USS-EAGLE SFH™	
Minimum Collapse Pressure	13,150	13,150	psi
External Pressure Leak Resistance	--	13,150	psi
Minimum Internal Yield Pressure	14,360	14,360	psi
Minimum Pipe Body Yield Strength	729,000	--	lbs
Joint Strength	--	628,000	lbs
Compression Rating	--	628,000	lbs
Reference Length	--	20,933	ft
Maximum Uniaxial Bend Rating	--	89.7	deg/100 ft

MAKE-UP DATA	Pipe	USS-EAGLE SFH™	
Make-Up Loss	--	5.92	in.
Minimum Make-Up Torque	--	14,200	ft-lbs
Maximum Make-Up Torque	--	16,800	ft-lbs
Maximum Operating Torque	--	25,700	ft-lbs

Legal Notice

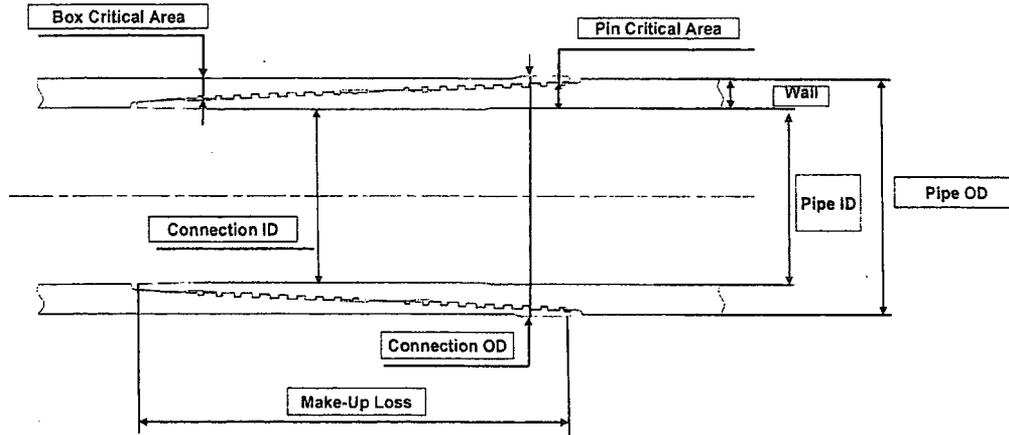
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CONNECTION DATA SHEET (Imperial Units)



Connection: VAM® HTF-NR 7,625" 29,70# P110EC
 Alternate Drift: 6,750"

Drawing: PD-101836P PD-101836B Isolated connection



OD	WEIGHT	WALL	GRADE	API DRIFT
7,625"	29,70 lb/ft	0,375"	P110EC	6,750"

PIPE BODY PROPERTIES:			CONNECTION PROPERTIES:		
Outside Diameter	inch	7,625	Connection, OD (nom)	inch	7,701
Internal Diameter	inch	6,875	Connection ID	inch	6,782
Nominal Area	sq.in.	8,541	Coupling Length	inch	N/A
			Make-up Loss	inch	4,657
			Box critical area	%PBYS	58%
			Pin critical area	%PBYS	67%
Yield Strength	klb.	1,068	Yield Strength	klb.	619
Ultimate Strength	klb	1,153	Ultimate strength	klb	669
			Structural compression	klb.	776
			Compression with sealability	klb	371
MIYP	psi	10,760	MIYP	psi	10,760
Collapse Pressure	psi	5,670	Ex1 Pressure Resistance	psi	5,670
			Regular Make-up Torque	ft.lb	
			Min	9,600	
			Opt	11,300	
			Max	13,000	
			Maximum Torque with Sealability	ft.lb	58,500
			Maximum Torsional Value	ft.lb	73,000

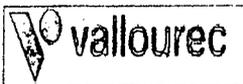
No one knows VAM like VAM

uk@vamfieldservice.com
 dubai@vamfieldservice.com
 angola@vamfieldservice.com
 singapore@vamfieldservice.com



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Designed by :
 X. MENCAGLIA

Reference: VRCC16-1177
 Revision : 0
 Date : July 19, 2016

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	MATADOR PRODUCTION COMPANY
LEASE NO.:	NMNM136226
WELL NAME & NO.:	203H – LESLIE FEDERAL COM
SURFACE HOLE FOOTAGE:	390'/S & 584'/E
BOTTOM HOLE FOOTAGE:	100'/N & 1270'/E
LOCATION:	Section 17., T25S., R.35E., NMP
COUNTY:	LEA County, New Mexico

Potash	<input checked="" type="radio"/> None	<input type="radio"/> Secretary	<input type="radio"/> R-111-P
Cave/Karst Potential	<input checked="" type="radio"/> Low	<input type="radio"/> Medium	<input type="radio"/> High
Variance	<input type="radio"/> None	<input checked="" type="radio"/> Flex Hose	<input type="radio"/> Other
Wellhead	<input type="radio"/> Conventional	<input checked="" type="radio"/> Multibowl	
Other	<input type="checkbox"/> 4 String Area	<input type="checkbox"/> Capitan Reef	<input type="checkbox"/> WIPP

All previous COAs still apply, except for the following:

A. CASING

1. The 13 3/8 inch surface casing shall be set at approximately **950** feet (a minimum of 25 feet into the Rustler Anhydrite and above the salt) and cemented to the surface.
 - a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping cement and ideally between 8-10 hours after completing the cement job.
 - b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or 500 pounds compressive strength, whichever is greater. (This is to include the lead cement)
 - c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
 - d. If cement falls back, remedial cementing will be done prior to drilling out that string.

First intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the 9 5/8 inch first intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.

Second intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

3. The minimum required fill of cement behind the **7 5/8** inch second intermediate casing is:
 - Cement as proposed. Operator shall provide method of verification.
4. The minimum required fill of cement behind the **5 1/2** inch production casing is:
 - Cement as proposed. Operator shall provide method of verification.

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GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

- a. Spudding well (minimum of 24 hours)
- b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- c. BOPE tests (minimum of 4 hours)

Chaves and Roosevelt Counties
Call the Roswell Field Office, 2909 West Second St., Roswell NM 88201.
During office hours call (575) 627-0272.
After office hours call (575)

Eddy County
Call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220,
(575) 361-2822

Lea County
Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240, (575)
393-3612

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.
2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log.
3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements.

4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-P potash area, the NMOCD requirements shall be followed.