

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

**HOBBS OCD**

**FEB 28 2018**

**APPLICATION FOR PERMIT TO DRILL OR REENTER**

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

*F/H*

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM136226
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator MATADOR PRODUCTION COMPANY (228937)		7. If Unit or CA Agreement, Name and No.
3a. Address 5400 LBJ Freeway, Suite 1500 Dallas TX 7524	3b. Phone No. (include area code) (972)371-5200	8. Lease Name and Well No. LESLIE FED COM 21H <i>320549</i>
4. Location of Well (Report location clearly and in accordance with any State requirements.)* At surface SWSW / 295 FSL / 1172 FWL / LAT 32.1239533 / LONG -103.3943067 At proposed prod. zone NWNW / 240 FNL / 330 FWL / LAT 32.1369996 / LONG -103.3970132		9. API Well No. <i>30-025-44543</i>
14. Distance in miles and direction from nearest town or post office* 12 miles		10. Field and Pool, or Exploratory DOGIE DRAW / DELAWARE
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 295 feet	16. No. of acres in lease 799.2	11. Sec., T. R. M. or Blk. and Survey or Area SEC 17 / T25S / R35E / NMP
18. Distance from proposed location* to nearest well, drilling, completed, 1993 feet applied for, on this lease, ft.	19. Proposed Depth 9176 feet / 13952 feet	12. County or Parish LEA
21. Elevations (Show whether DF, KDB, RT, GL. etc.) 3311 feet	22. Approximate date work will start* 12/01/2017	13. State NM
23. Estimated duration 60 days		
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature (Electronic Submission)	Name (Printed/Typed) Brian Wood / Ph: (505)466-8120	Date 10/05/2017
Title President		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) Cody Layton / Ph: (575)234-5959	Date 02/26/2018
Title Supervisor Multiple Resources	Office CARLSBAD	

Application approval 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.  
Conditions of approval, if any, are attached.

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.

(Continued on page 2)

*OCA 2/28/18*

\*(Instructions on page 2)

*Ka 02/01/18*

**APPROVED WITH CONDITIONS**

Approval Date: 02/26/2018

*Double Sided*

## INSTRUCTIONS

**GENERAL:** This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from local Federal offices.

**ITEM 1:** If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

**ITEM 4:** Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

**ITEM 14:** Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal agency offices.

**ITEMS 15 AND 18:** If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective productive zone.

**ITEM 22:** Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

## NOTICES

The Privacy Act of 1974 and regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

**AUTHORITY:** 30 U.S.C. 181 et seq., 25 U.S.C. 396; 43 CFR 3160

**PRINCIPAL PURPOSES:** The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service well or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

**ROUTINE USE:** Information from the record and/or the record will be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

**EFFECT OF NOT PROVIDING INFORMATION:** Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to allow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications.

Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C-Street, N.W., Mail Stop 401 LS, Washington, D.C. 20240.

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(Continued on page 3)

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**Approval Date: 02/26/2018**

## **Additional Operator Remarks**

### **Location of Well**

1. SHL: SWSW / 295 FSL / 1172 FWL / TWSP: 25S / RANGE: 35E / SECTION: 17 / LAT: 32.1239533 / LONG: -103.3943067 ( TVD: 0 feet, MD: 0 feet )  
PPP: NWNW / 1320 FNL / 330 FWL / TWSP: 25S / RANGE: 35E / SECTION: 17 / LAT: 32.134067 / LONG: -103.397021 ( TVD: 9176 feet, MD: 12867 feet )  
PPP: SWNW / 2640 FNL / 330 FWL / TWSP: 25S / RANGE: 35E / SECTION: 17 / LAT: 32.130439 / LONG: -103.397021 ( TVD: 9176 feet, MD: 11547 feet )  
PPP: SWSW / 295 FSL / 1172 FWL / TWSP: 25S / RANGE: 35E / SECTION: 17 / LAT: 32.1239533 / LONG: -103.3943067 ( TVD: 0 feet, MD: 0 feet )  
BHL: NWNW / 240 FNL / 330 FWL / TWSP: 25S / RANGE: 35E / SECTION: 17 / LAT: 32.1369996 / LONG: -103.3970132 ( TVD: 9176 feet, MD: 13952 feet )

## **BLM Point of Contact**

Name: Priscilla Perez

Title: Legal Instruments Examiner

Phone: 5752345934

Email: pperez@blm.gov

## **Review and Appeal Rights**

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

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**Approval Date: 02/26/2018**

(Form 3160-3, page 4)



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

# Operator Certification Data Report

02/27/2018

## Operator Certification

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

**NAME:** Brian Wood

**Signed on:** 10/05/2017

**Title:** President

**Street Address:** 37 Verano Loop

**City:** Santa Fe

**State:** NM

**Zip:** 87508

**Phone:** (505)466-8120

**Email address:** afmss@permitswest.com

## Field Representative

**Representative Name:**

**Street Address:**

**City:**

**State:**

**Zip:**

**Phone:**

**Email address:**



<b>APD ID:</b> 10400022745	<b>Submission Date:</b> 10/05/2017	Highlighted data reflects the most recent changes <a href="#">Show Final Text</a>
<b>Operator Name:</b> MATADOR PRODUCTION COMPANY		
<b>Well Name:</b> LESLIE FED COM	<b>Well Number:</b> 21H	
<b>Well Type:</b> OIL WELL	<b>Well Work Type:</b> Drill	

**Section 1 - General**

<b>APD ID:</b> 10400022745	<b>Tie to previous NOS?</b>	<b>Submission Date:</b> 10/05/2017
<b>BLM Office:</b> CARLSBAD	<b>User:</b> Brian Wood	<b>Title:</b> President
<b>Federal/Indian APD:</b> FED	<b>Is the first lease penetrated for production Federal or Indian?</b> FED	
<b>Lease number:</b> NMNM136226	<b>Lease Acres:</b> 799.2	
<b>Surface access agreement in place?</b>	<b>Allotted?</b>	<b>Reservation:</b>
<b>Agreement in place?</b> NO	<b>Federal or Indian agreement:</b>	
<b>Agreement number:</b>		
<b>Agreement name:</b>		
<b>Keep application confidential?</b> NO		
<b>Permitting Agent?</b> YES	<b>APD Operator:</b> MATADOR PRODUCTION COMPANY	
<b>Operator letter of designation:</b>		

**Operator Info**

**Operator Organization Name:** MATADOR PRODUCTION COMPANY

**Operator Address:** 5400 LBJ Freeway, Suite 1500  
**Zip:** 75240

**Operator PO Box:**

**Operator City:** Dallas      **State:** TX

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

**Operator Internet Address:** amonroe@matadorresources.com

**Section 2 - Well Information**

<b>Well in Master Development Plan?</b> NO	<b>Mater Development Plan name:</b>	
<b>Well in Master SUPO?</b> NO	<b>Master SUPO name:</b>	
<b>Well in Master Drilling Plan?</b> NO	<b>Master Drilling Plan name:</b>	
<b>Well Name:</b> LESLIE FED COM	<b>Well Number:</b> 21H	<b>Well API Number:</b>
<b>Field/Pool or Exploratory?</b> Field and Pool	<b>Field Name:</b> DOGIE DRAW	<b>Pool Name:</b> DELAWARE
<b>Is the proposed well in an area containing other mineral resources?</b> USEABLE WATER		

Operator Name: MATADOR PRODUCTION COMPANY

Well Name: LESLIE FED COM

Well Number: 21H

Describe other minerals:

Is the proposed well in a Helium production area? N Use Existing Well Pad? NO New surface disturbance?

Type of Well Pad: MULTIPLE WELL

Multiple Well Pad Name:

Number: 21H

Well Class: HORIZONTAL

LESLIE FED COM

Number of Legs: 1

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town: 12 Miles

Distance to nearest well: 1993 FT

Distance to lease line: 295 FT

Reservoir well spacing assigned acres Measurement: 160 Acres

Well plat: Leslie\_21H\_Plat\_20170928124721.pdf

Well work start Date: 12/01/2017

Duration: 60 DAYS

### Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83

Vertical Datum: NAVD88

Survey number: 18329

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
SHL Leg #1	295	FSL	117 2	FWL	25S	35E	17	Aliquot SWS W	32.12395 33	- 103.3943 067	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 136226	331 1	0	0
KOP Leg #1	295	FSL	117 2	FWL	25S	35E	17	Aliquot SWS W	32.12395 33	- 103.3943 067	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 136226	- 528 7	865 0	859 8
PPP Leg #1	295	FSL	117 2	FWL	25S	35E	17	Aliquot SWS W	32.12395 33	- 103.3943 067	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 136226	331 1	0	0

**Operator Name: MATADOR PRODUCTION COMPANY**

**Well Name: LESLIE FED COM**

**Well Number: 21H**

	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD
PPP Leg #1	264 0	FNL	330	FWL	25S	35E	17	Aliquot SWN W	32.13043 9	- 103.3970 21	LEA	NEW MEXI CO	NEW MEXI CO	F	FEE	- 586 5	115 47	917 6
PPP Leg #1	132 0	FNL	330	FWL	25S	35E	17	Aliquot NWN W	32.13406 7	- 103.3970 21	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 125659	- 586 5	128 67	917 6
EXIT Leg #1	240	FNL	330	FWL	25S	35E	17	Aliquot NWN W	32.13699 96	- 103.3970 132	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 125659	- 586 5	139 52	917 6
BHL Leg #1	240	FNL	330	FWL	25S	35E	17	Aliquot NWN W	32.13699 96	- 103.3970 132	LEA	NEW MEXI CO	NEW MEXI CO	F	NMNM 125659	- 586 5	139 52	917 6

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

## Section 6 - Test, Logging, Coring

### List of production tests including testing procedures, equipment and safety measures:

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 TOC.

### List of open and cased hole logs run in the well:

CBL,GR

### Coring operation description for the well:

No core or drill stem test is planned.

## Section 7 - Pressure

**Anticipated Bottom Hole Pressure:** 5000

**Anticipated Surface Pressure:** 2981.28

**Anticipated Bottom Hole Temperature(F):** 130

**Anticipated abnormal pressures, temperatures, or potential geologic hazards?** NO

**Describe:**

**Contingency Plans geohazards description:**

**Contingency Plans geohazards attachment:**

**Hydrogen Sulfide drilling operations plan required?** YES

**Hydrogen sulfide drilling operations plan:**

Leslie\_21H\_H2S\_Plan\_20170928131551.pdf

## Section 8 - Other Information

**Proposed horizontal/directional/multi-lateral plan submission:**

Leslie\_21H\_Horizontal\_Drill\_Plan\_20170928131633.pdf

**Other proposed operations facets description:**

Deficiency letter dated 11/28/17 requested:

- 1) revised BOP testing procedure and revised Choke - see section 2;
- 2) Casing spec for 4.5 in - there is not a 4.5 in casing spec - there is no 4.5 in casing spec indicated; 5.5 in casing spec is included in Speedhead Specs

**Other proposed operations facets attachment:**

Leslie\_21H\_General\_Drill\_Plan\_20170928131644.pdf

Leslie\_21H\_Speedhead\_Specs\_20170928131652.pdf

**Other Variance attachment:**

**Operator Name: MATADOR PRODUCTION COMPANY**

**Well Name: LESLIE FED COM**

**Well Number: 21H**

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Tail		0	1395 2	1250	1.39	13.2	1737	35	TXI	Fluid Loss + Dispersant + Retarder + LCM

**Section 5 - Circulating Medium**

**Mud System Type:** Closed

**Will an air or gas system be Used?** NO

**Description of the equipment for the circulating system in accordance with Onshore Order #2:**

**Diagram of the equipment for the circulating system in accordance with Onshore Order #2:**

**Describe what will be on location to control well or mitigate other conditions:** 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.

**Describe the mud monitoring system utilized:** An electronic Pason mud monitoring system complying with Onshore Order 1 will be used.

**Circulating Medium Table**

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
0	1000	SPUD MUD	8.3	8.3							
1000	5600	SALT SATURATED	10	10							
5600	1395 2	OTHER : Fresh water & cut brine	9	9							

Operator Name: MATADOR PRODUCTION COMPANY

Well Name: LESLIE FED COM

Well Number: 21H

**Casing Attachments**

Casing ID: 2                      String Type: INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing\_Design\_Assumptions\_Intermediate\_20170928130634.docx

Casing ID: 3                      String Type: PRODUCTION

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing\_Design\_Assumptions\_Production\_20170928130748.docx

**Section 4 - Cement**

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1000	210	1.82	12.8	382	100	Class C	Bentonite + 2% CaCl + 3% NaCl + LCM
SURFACE	Tail		0	1000	740	1.38	14.8	1021	100	Class C	5% NaCl + LCM
INTERMEDIATE	Lead		0	5600	1170	2.13	12.6	2492	100	Class C	Bentonite + 1% CaCl <sub>2</sub> + 8% NaCl + LCM
INTERMEDIATE	Tail		0	5600	620	1.38	14.8	855	100	Class C	5% NaCl + LCM
PRODUCTION	Lead		0	1395 2	721	2.35	11.5	1694	35	TXI	Fluid Loss + Dispersant + Retarder + LCM

Operator Name: MATADOR PRODUCTION COMPANY

Well Name: LESLIE FED COM

Well Number: 21H

high. Wellhead seals will be tested to 5000 psi once the 9.625" casing has been landed and cemented.

**Choke Diagram Attachment:**

Leslie\_201H\_Choke\_Revised\_20171128155830.pdf

**BOP Diagram Attachment:**

Leslie\_21H\_BOP\_20170928130234.pdf

**Section 3 - Casing**

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	17.5	13.375	NEW	API	N	0	1000	0	1000	3311		1000	J-55	54.5	OTHER - BTC	1.125	1.125	DRY	1.8	DRY	1.8
2	INTERMEDIATE	12.25	9.625	NEW	API	N	0	5600	0	5567	3311		5600	J-55	40	OTHER - BTC	1.125	1.125	DRY	1.8	DRY	1.8
3	PRODUCTION	8.75	5.5	NEW	API	N	0	13952	0	9176	3311		13952	P-110	20	OTHER - BTC/TXP	1.125	1.125	DRY	1.8	DRY	1.8

**Casing Attachments**

Casing ID: 1      String Type: SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing\_Design\_Assumptions\_Surface\_20170928130500.docx



APD ID: 10400022745

Submission Date: 10/05/2017

Highlighted data reflects the most recent changes

Operator Name: MATADOR PRODUCTION COMPANY

Well Name: LESLIE FED COM

Well Number: 21H

[Show Final Text](#)

Well Type: OIL WELL

Well Work Type: Drill

### Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical Depth	Measured Depth	Lithologies	Mineral Resources	Producing Formation
1	---	3311	0	0	OTHER : Quaternary	USEABLE WATER	No
2	DEWEY LAKE	2917	394	394	SANDSTONE	USEABLE WATER	No
3	RUSTLER ANHYDRITE	2403	908	908		NONE	No
4	TOP SALT	1881	1430	1432		NONE	No
5	CASTILE	-420	3731	3751	ANHYDRITE	NONE	No
6	BASE OF SALT	-2126	5437	5469		NONE	No
7	BELL CANYON	-2163	5474	5507	SANDSTONE	NATURAL GAS,CO2,OIL	No
8	CHERRY CANYON	-3157	6468	6508	SANDSTONE	NATURAL GAS,CO2,OIL	No
9	BRUSHY CANYON	-4607	7918	7970	SANDSTONE	NATURAL GAS,CO2,OIL	Yes

### Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M

Rating Depth: 10000

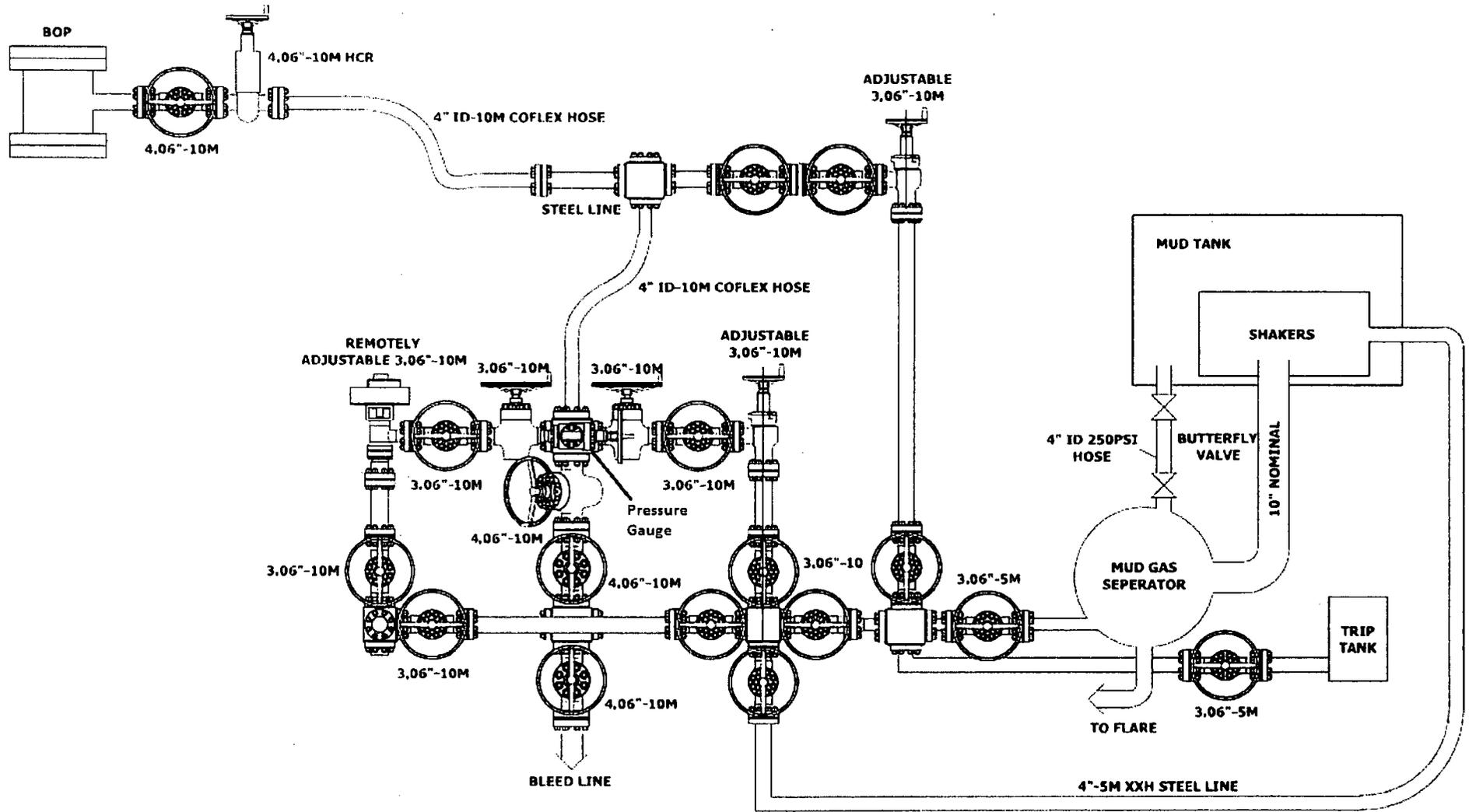
**Equipment:** A 10,000' 5000-psi BOP stack consisting of 3 rams with 2 pipe rams, 1 blind ram, and 1 annular preventer will be used below surface casing to TD. An accumulator complying with Onshore Order 2 requirements for the BOP stack pressure rating will be present. Rotating head will be installed as needed.

**Requesting Variance?** YES

**Variance request:** Matador is requesting a variance to use a speed head. Speed head diameter range is 13.375" x 9.625" x 5.5" x 2.875". Wellhead diagram is attached. 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. Manufacturer does not require the hose to be anchored. If the specific hose is not available, then one of equal or higher rating will be used.

**Testing Procedure:** Pressure tests will be conducted before drilling out from under all casing strings. 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. Surface casing will be pressure tested to 250 psi low and 2000 psi high. Intermediate casing pressure tests will be made to 250 psi low and 3000 psi high. Annular preventer will be tested to 250 psi low and 1000 psi high on the surface casing and tested to 250 psi low and 2500 psi high on the intermediate casing. In the case of running a speed head with landing mandrel for 9.625" casing, initial surface casing test pressures will be 250 psi low and 3000 psi high. Annular will be tested to 250 psi low and 2500 psi

- Power Company has to be willing to purchase gas back and if they are willing they require a 5 year commitment to supply the agreed upon amount of power back to them. With gas decline rates and unpredictability of markets it is impossible to agree to such long term demands. If the demands are not met then operator is burdened with penalty for not delivering.
- Compressed Natural Gas – On lease
  - Compressed Natural Gas is likely to be uneconomic to operate when the gas volume declines.
- NGL Removal – On lease
  - NGL Removal requires a plant and is expensive on such a small scale rendering it uneconomic and still requires residue gas to be flared.



WELDING NOTE & TOLERANCES UNLESS OTHERWISE SPECIFIED.

GENERAL WELDING NOTE:  
 ALL ACCESSIBLE CONTACT SURFACES SHALL BE JOINED WITH COMPENSATING UNDER THE TIGHT WELDS, WELD MET TO BE 1/16\"/>

WELDING TOLERANCES  
 1/16\"/>

REV	DATE	DESCRIPTION	BY	CHKD	APP'D
01	03-15	ISSUED FOR INFORMATION			
02	03-15	ISSUED FOR INFORMATION			

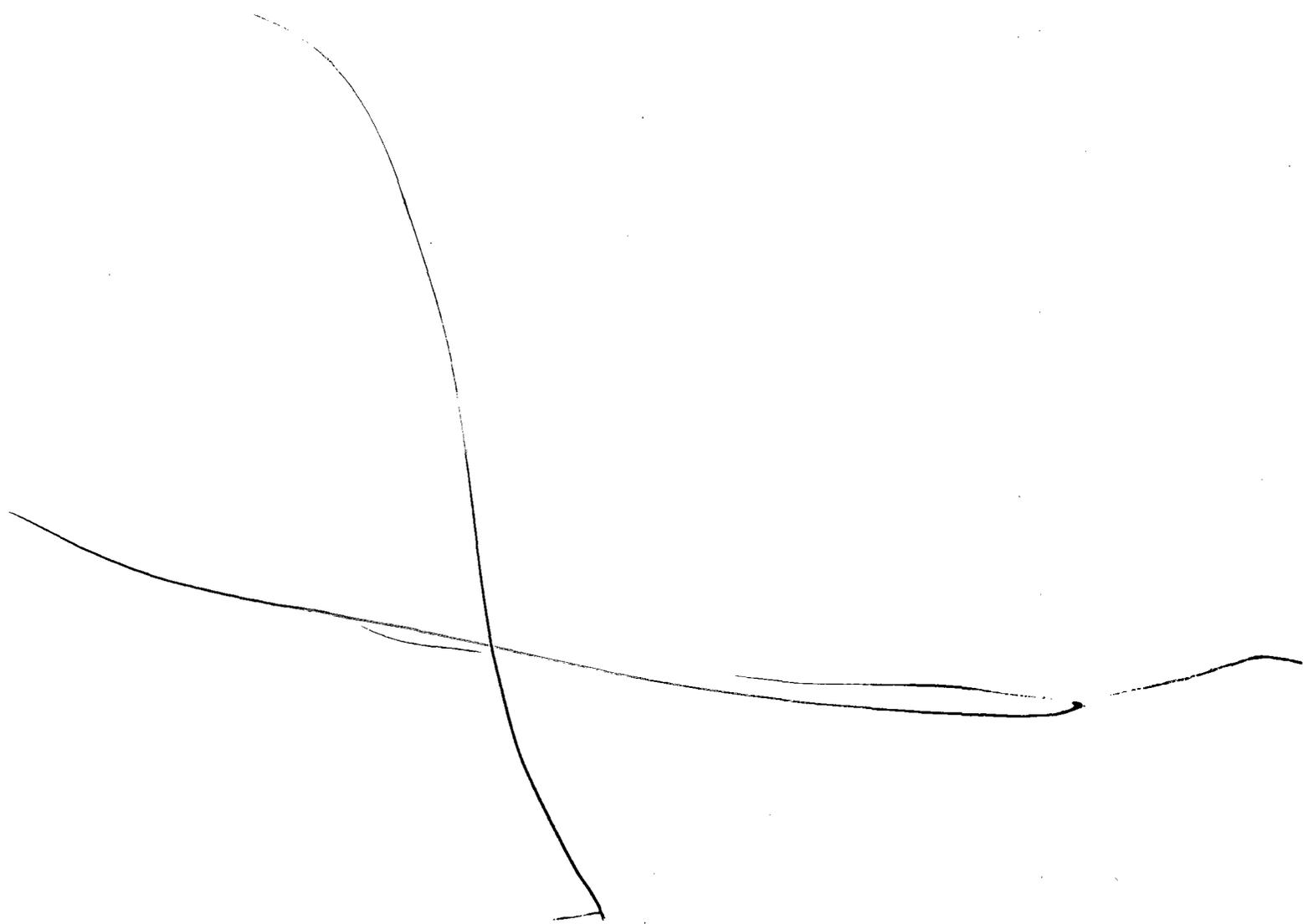
COPYRIGHT 2014  
 PATTERSON-UTI  
 DRILLING COMPANY LLC  
 CONFIDENTIAL AND PROPRIETARY  
 NOT TO BE DISTRIBUTED

**PATTERSON-UTI**  
 DRILLING COMPANY LLC

**CHOKE MANIFOLD**

10M CHOKE ARRANGEMENT  
 RIG 237

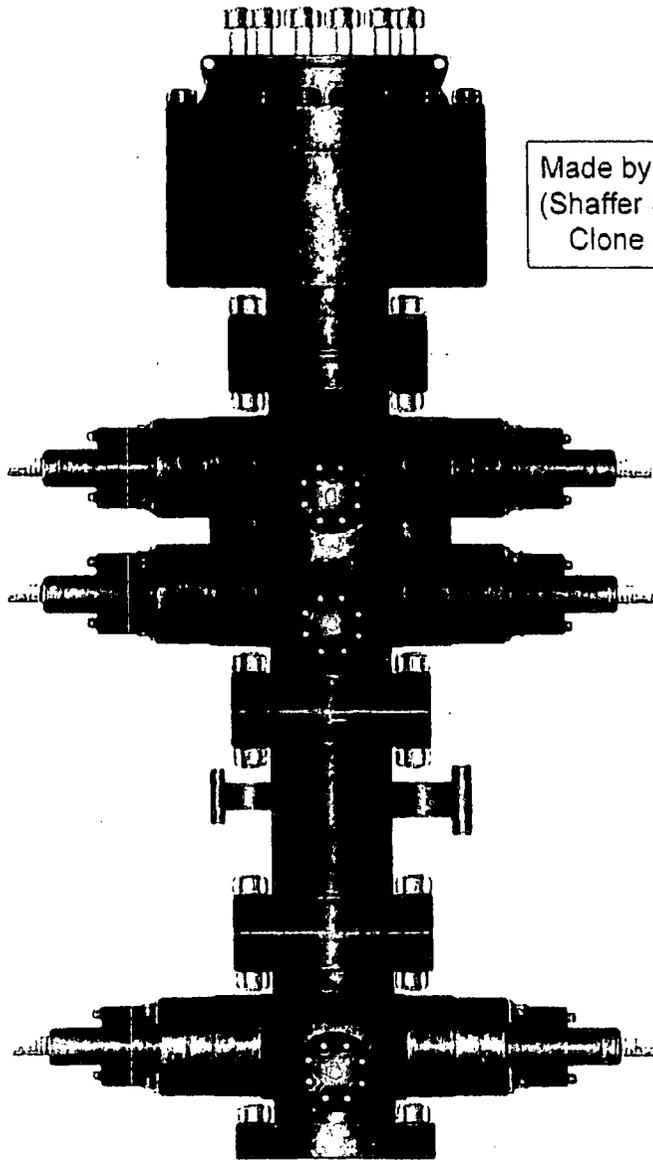
DWG NO. **R0297-D.001.LAY.09**





**PATTERSON-UTI**

*Well Control*



Made by Cameron  
(Shaffer Spherical)  
Clone Annular

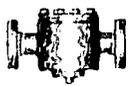
PATTERSON-UTI # PS2-628  
STYLE: New Shaffer Spherical  
BORE 13 5/8" PRESSURE 5,000  
HEIGHT: 48 1/2" WEIGHT: 13,800 lbs

PATTERSON-UTI # PC2-128  
STYLE: New Cameron Type U  
BORE 13 5/8" PRESSURE 10,000  
RAMS: TOP 5" Pipe BTM Blinds  
HEIGHT: 66 5/8" WEIGHT: 24,000 lbs

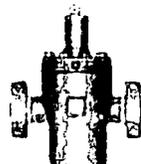
Length 40" Outlets 4" 10M  
DSA 4" 10M x 2" 10M

PATTERSON-UTI # PC2-228  
STYLE: New Cameron Type U  
BORE 13 5/8" PRESSURE 10,000  
RAMS: 5" Pipe  
HEIGHT: 41 5/8" WEIGHT: 13,000 lbs

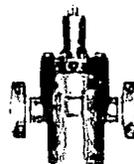
**WING VALVES**



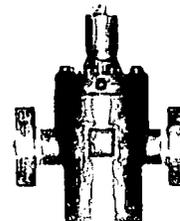
2" Check Valve



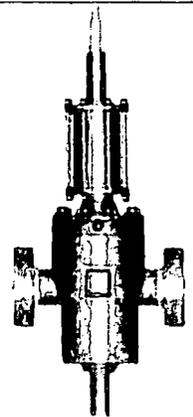
2" Manual Valve



2" Manual Valve



4" Manual Valve



4" Hydraulic Valve



Midwest Hose  
& Specialty, Inc.

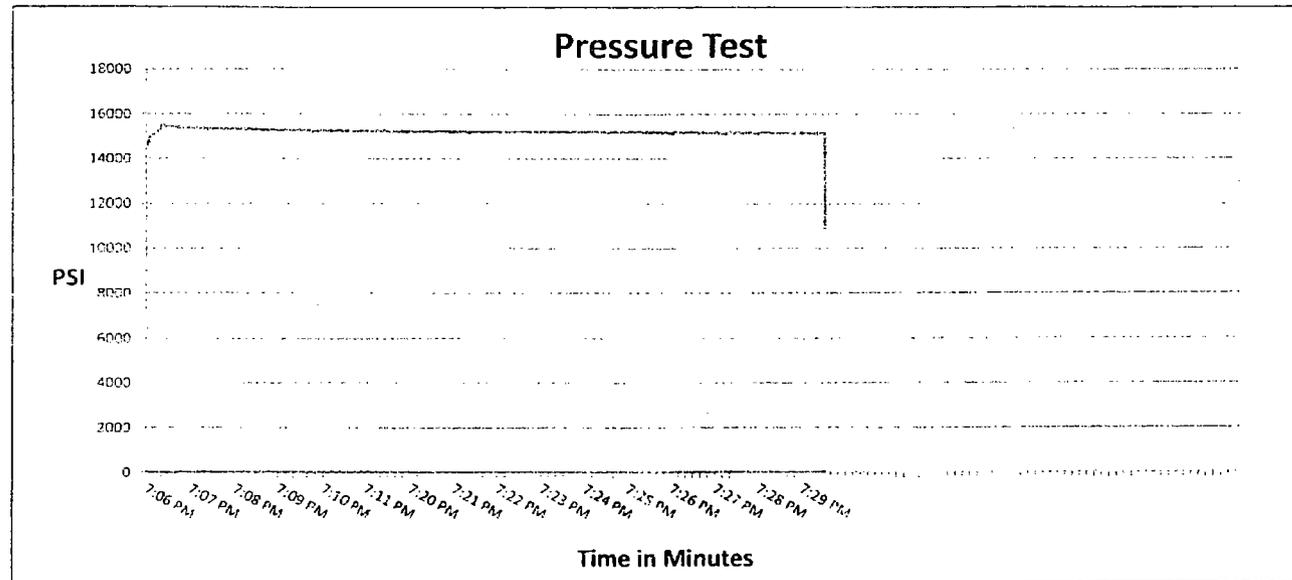
## Internal Hydrostatic Test Graph

December 8, 2014

Customer: Patterson

Pick Ticket #: 284918

<u>Hose Specifications</u>		<u>Verification</u>	
<u>Hose Type</u>	<u>Length</u>	<u>Type of Fitting</u>	<u>Coupling Method</u>
Ck	10'	4-1/16 10K	Swage
<u>I.D.</u>	<u>O.D.</u>	<u>Die Size</u>	<u>Final O.D.</u>
3"	4.79"	5.37"	5.37"
<u>Working Pressure</u>	<u>Burst Pressure</u>	<u>Hose Serial #</u>	<u>Hose Assembly Serial #</u>
10000 PSI	Standard Safety Multiplier Applies	10490	284918-2



Test Pressure  
15000 PSI

Time Held at Test Pressure  
15 2/4 Minutes

Actual Burst Pressure

Peak Pressure  
15732 PSI

Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: Tyler Hill

Approved By: Ryan Adams



Midwest Hose  
& Specialty, Inc.

### Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	PATTERSON B&E	Hose Assembly Type	Choke & Kill
MWH Sales Representative	AMY WHITE	Certification	API 7K
Date Assembled	12/8/2014	Hose Grade	MUD
Location Assembled	OKC	Hose Working Pressure	10000
Sales Order #	236404	Hose Lot # and Date Code	10490-01/13
Customer Purchase Order #	260471	Hose I.D. (Inches)	3"
Assembly Serial # (Pick Ticket #)	287918-2	Hose O.D. (Inches)	5.30"
Hose Assembly Length	10'	Armor (yes/no)	YES
Fittings			
End A		End B	
Stem (Part and Revision #)	R3.0X64WB	Stem (Part and Revision #)	R3.0X64WB
Stem (Heat #)	91996	Stem (Heat #)	91996
Ferrule (Part and Revision #)	RF3.0	Ferrule (Part and Revision #)	RF3.0
Ferrule (Heat #)	37DA5631	Ferrule (Heat #)	37DA5631
Connection (Part #)	4 1/16 10K	Connection (Part #)	4 1/16 10K
Connection (Heat #)		Connection (Heat #)	
Dies Used	5.37	Dies Used	5.37
Hydrostatic Test Requirements			
Test Pressure (psi)	15,000	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	15 1/2		
Date Tested	12/8/2014	Tested By	Approved By



Midwest Hose  
& Specialty, Inc.

### Certificate of Conformity

<i>Customer:</i> PATTERSON B&E	<i>Customer P.O.#</i> 260471
<i>Sales Order #</i> 236404	<i>Date Assembled:</i> 12/8/2014

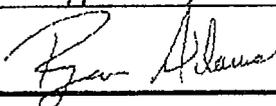
### Specifications

<i>Hose Assembly Type:</i> Choke & Kill	
<i>Assembly Serial #</i> 287918-2	<i>Hose Lot # and Date Code</i> 10490-01/13
<i>Hose Working Pressure (psi)</i> 10000	<i>Test Pressure (psi)</i> 15000

We hereby certify that the above material supplied for the referenced purchase order to be true according to the requirements of the purchase order and current industry standards.

*Supplier:*  
Midwest Hose & Specialty, Inc.  
3312 S I-35 Service Rd  
Oklahoma City, OK 73129

*Comments:*

<i>Approved By</i> 	<i>Date</i> 12/9/2014
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Midwest Hose & Specialty, Inc.

### Internal Hydrostatic Test Graph

December 9, 2014

Customer: Patterson

Pick Ticket #: 284918

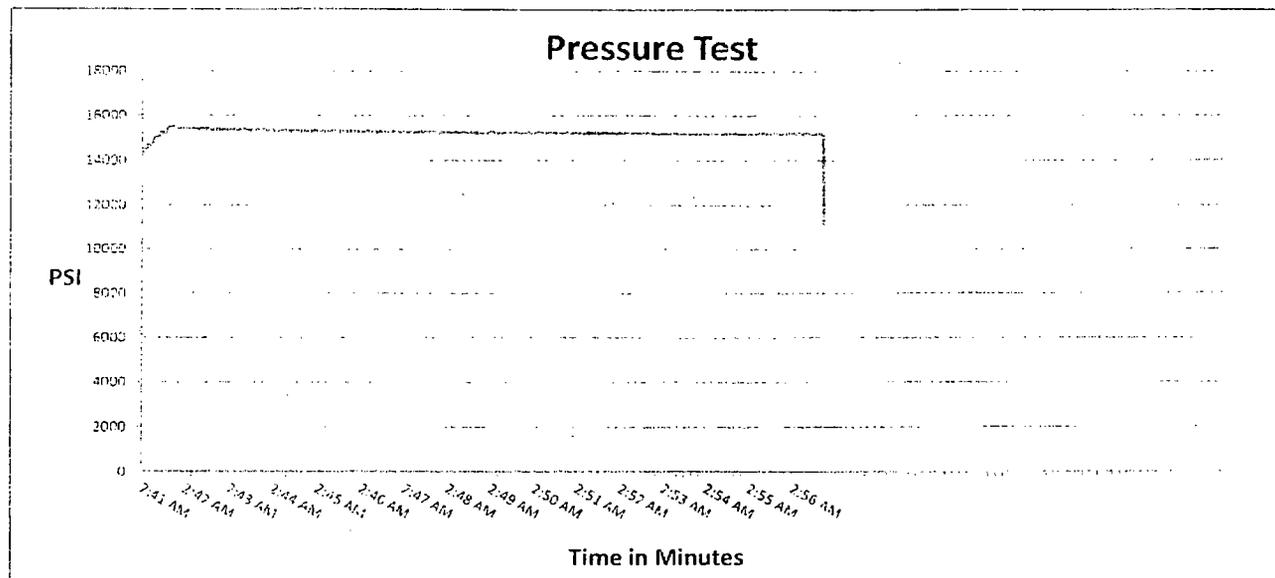
#### Hose Specifications

Hose Type	Length
CK	20'
I.D.	O.D.
3"	4.77"
Working Pressure	Burst Pressure
10000 PSI	Standard Safety Multiple Applies

#### Verification

Type of Fitting	Coupling Method
4-1/16 10K	Swage
Die Size	Final O.D.
5.37"	5.40"
Hose Serial #	Hose Assembly Serial #
10490	284918-1

*R297*



**Test Pressure**  
15000 PSI

**Time Held at Test Pressure**  
15 2/4 Minutes

**Actual Burst Pressure**

**Peak Pressure**  
15893 PSI

Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: Tyler Hill

*[Signature]*

Approved By: Ryan Adams

*[Signature]*



Midwest Hose  
& Specialty, Inc.

### Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	PATTERSON B&E	Hose Assembly Type	Choke & Kill
MWH Sales Representative	AMY WHITE	Certification	API 7K
Date Assembled	12/8/2014	Hose Grade	MUD
Location Assembled	OKC	Hose Working Pressure	10000
Sales Order #	236404	Hose Lot # and Date Code	10490-01/13
Customer Purchase Order #	260471	Hose I.D. (Inches)	3"
Assembly Serial # (Pick Ticket #)	287918-1	Hose O.D. (Inches)	5.30"
Hose Assembly Length	20'	Armor (yes/no)	YES
Fittings			
End A		End B	
Stem (Part and Revision #)	R3.OX64WB	Stem (Part and Revision #)	R3.OX64WB
Stem (Heat #)	A141420	Stem (Heat #)	A141420
Ferrule (Part and Revision #)	RF3.0	Ferrule (Part and Revision #)	RF3.0
Ferrule (Heat #)	37DA5631	Ferrule (Heat #)	37DA5631
Connection (Part #)	4 1/16 10K	Connection (Part #)	4 1/16 10K
Connection (Heat #)	V3579	Connection (Heat #)	V3579
Dies Used	5.37	Dies Used	5.37
Hydrostatic Test Requirements			
Test Pressure (psi)	15,000	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	15 1/2		
Date Tested	12/9/2014	Tested By	Approved By



Midwest Hose  
& Specialty, Inc.

### Certificate of Conformity

<i>Customer:</i> PATTERSON B&E	<i>Customer P.O.#</i> 260471
<i>Sales Order #</i> 236404	<i>Date Assembled:</i> 12/8/2014

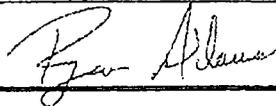
### Specifications

<i>Hose Assembly Type:</i> Choke & Kill		
<i>Assembly Serial #</i> 287918-1	<i>Hose Lot # and Date Code</i>	10490-01/13
<i>Hose Working Pressure (psi)</i> 10000	<i>Test Pressure (psi)</i>	15000

We hereby certify that the above material supplied for the referenced purchase order to be true according to the requirements of the purchase order and current industry standards.

*Supplier:*  
Midwest Hose & Specialty, Inc.  
3312 S I-35 Service Rd  
Oklahoma City, OK 73129

*Comments:*

<i>Approved By</i>	<i>Date</i>
	12/9/2014



Midwest Hose & Specialty, Inc.

# Internal Hydrostatic Test Graph

December 9, 2014

Customer: Patterson

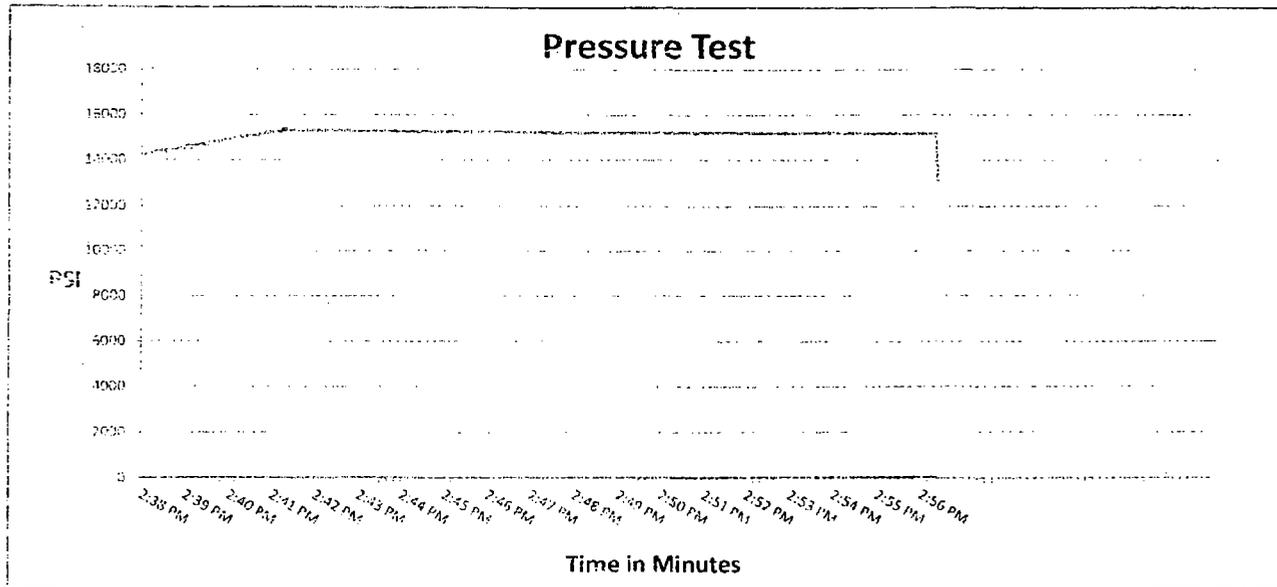
Pick Ticket #: 284918

### Hose Specifications

Hose Type	Length
Mud	70'
I.D.	O.D.
3"	4.79"
Working Pressure	Burst Pressure
10000 PSI	Standard Safety Multiplier Applies

### Verification

Type of Fitting	Coupling Method
4 1/16 10K	Swage
Die Size	Final O.D.
5.37"	5.37"
Hose Serial #	Hose Assembly Serial #
10190	284918-3



Test Pressure  
15000 PSI

Time Held at Test Pressure  
16 3/4 Minutes

Actual Burst Pressure

Peak Pressure  
15410 PSI

Comments: Hose assembly pressure tested with water at ambient temperature.

Tested By: Tyler Hill

Approved By: Ryan Adams



Midwest Hose  
& Specialty, Inc.

### Internal Hydrostatic Test Certificate

General Information		Hose Specifications	
Customer	PATTERSON B&E	Hose Assembly Type	Choke & Kill
MWH Sales Representative	AMY WHITE	Certification	API 7K
Date Assembled	12/8/2014	Hose Grade	MUD
Location Assembled	OKC	Hose Working Pressure	10000
Sales Order #	236404	Hose Lot # and Date Code	10490-01/13
Customer Purchase Order #	260471	Hose I.D. (Inches)	3"
Assembly Serial # (Pick Ticket #)	287918-3	Hose O.D. (Inches)	5.23"
Hose Assembly Length	70'	Armor (yes/no)	YES
Fittings			
End A		End B	
Stem (Part and Revision #)	R3.0X64WB	Stem (Part and Revision #)	R3.0X64WB
Stem (Heat #)	A141420	Stem (Heat #)	A141420
Ferrule (Part and Revision #)	RF3.0	Ferrule (Part and Revision #)	RF3.0
Ferrule (Heat #)	37DA5631	Ferrule (Heat #)	37DA5631
Connection (Part #)	4 1/16 10K	Connection (Part #)	4 1/16 10K
Connection (Heat #)		Connection (Heat #)	
Dies Used	5.37	Dies Used	5.37
Hydrostatic Test Requirements			
Test Pressure (psi)	15,000	Hose assembly was tested with ambient water temperature.	
Test Pressure Hold Time (minutes)	16 3/4		
Date Tested	12/9/2014	Tested By	Approved By



Midwest Hose  
& Specialty, Inc.

### Certificate of Conformity

<i>Customer:</i> <b>PATTERSON B&amp;E</b>	<i>Customer P.O.#</i> <b>260471</b>
<i>Sales Order #</i> <b>236404</b>	<i>Date Assembled:</i> <b>12/8/2014</b>

### Specifications

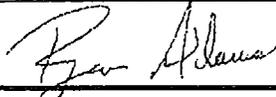
<i>Hose Assembly Type:</i> <b>Choke &amp; Kill</b>	
<i>Assembly Serial #</i> <b>287918-3</b>	<i>Hose Lot # and Date Code</i> <b>10490-01/13</b>
<i>Hose Working Pressure (psi)</i> <b>10000</b>	<i>Test Pressure (psi)</i> <b>15000</b>

*We hereby certify that the above material supplied for the referenced purchase order to be true according to the requirements of the purchase order and current industry standards.*

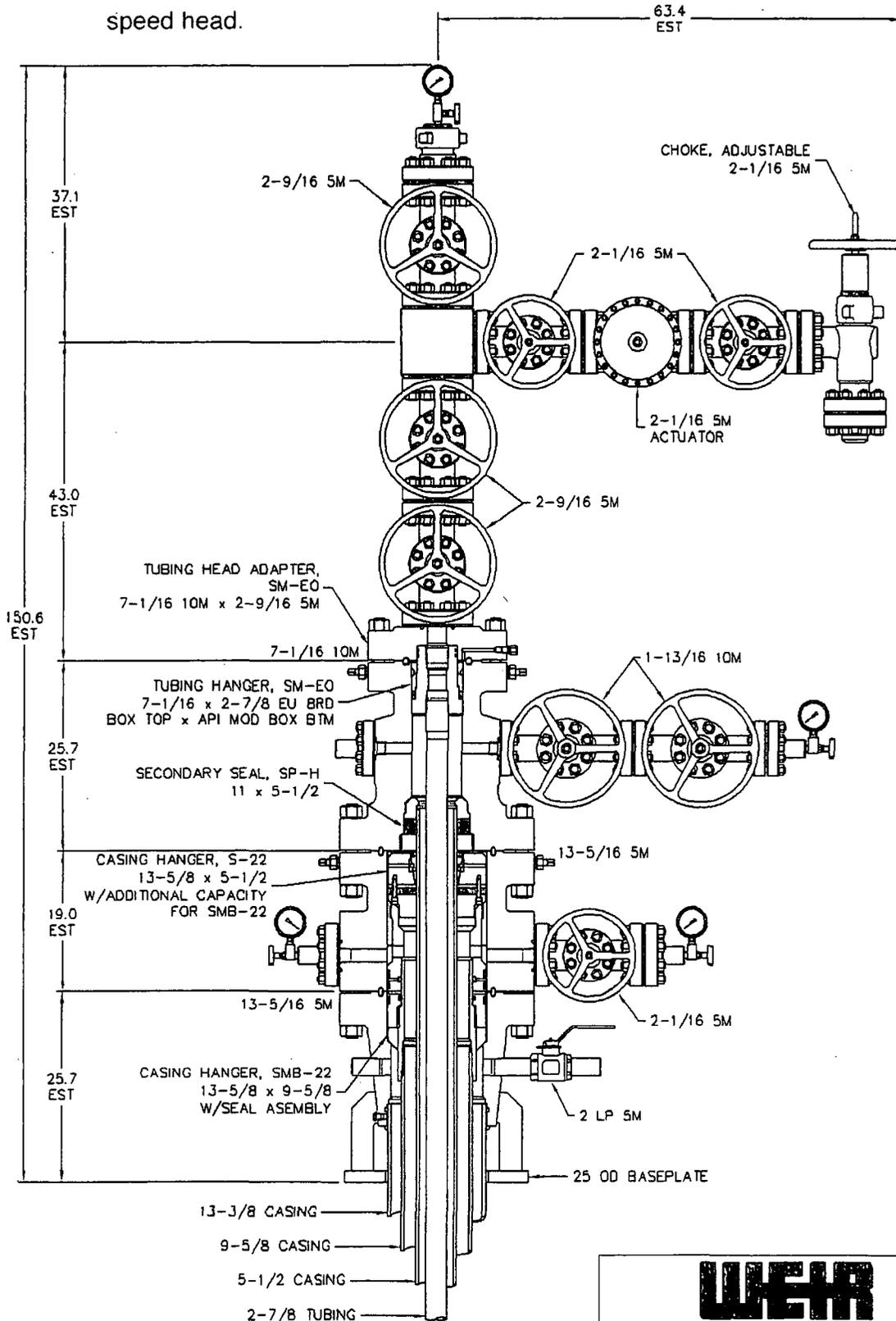
*Supplier:*

*Midwest Hose & Specialty, Inc.  
3312 S I-35 Service Rd  
Oklahoma City, OK 73129*

*Comments:*

<i>Approved By</i> 	<i>Date</i> <b>12/9/2014</b>
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Matador requesting  
variance to use  
speed head.



**NOTE:**  
DIMENSIONS SHOWN ON THIS DRAWING ARE  
ESTIMATES ONLY AND CAN VARY SIGNIFICANTLY  
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NO GUARANTEE OF STACKUP HEIGHT IS IMPLIED.  
DIMENSIONS SHOWN SHOULD BE CONSIDERED  
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CONSENT OF SEABOARD INTERNATIONAL INC.



5,000 PSI WELLHEAD ASSEMBLY  
13-3/8 x 9-5/8 x 5-1/2 x 2-7/8

DESIGN BY: RPL	SCALE: 1:13	DATE: 17APR15	REV
CHECKED BY:	DRAWING NO. QD-000475		
APPROVED BY:			

For the latest performance data, always visit our website: [www.tenaris.com](http://www.tenaris.com)

July 15 2015



**Connection:** TenarisXP™ BTC  
**Casing/Tubing:** CAS  
**Coupling Option:** REGULAR

**Size:** 5.500 in.  
**Wall:** 0.361 in.  
**Weight:** 20.00 lbs/ft  
**Grade:** P110-IC  
**Min. Wall Thickness:** 87.5 %

PIPE BODY DATA			
GEOMETRY			
Nominal OD	5.500 in.	Nominal Weight	20.00 lbs/ft
Nominal ID	4.778 in.	Wall Thickness	0.361 in.
Plain End Weight	19.83 lbs/ft	Standard Drift Diameter	4.653 in.
		Special Drift Diameter	N/A
PERFORMANCE			
Body Yield Strength	641 x 1000 lbs	Internal Yield	12630 psi
Collapse	12100 psi	SMYS	110000 psi
TENARISXP™ BTC CONNECTION DATA			
GEOMETRY			
Connection OD	6.100 in.	Coupling Length	9.450 in.
Critical Section Area	5.828 sq. in.	Threads per in.	5.00
		Connection ID	4.766 in.
		Make-Up Loss	4.204 in.
PERFORMANCE			
Tension Efficiency	100 %	Joint Yield Strength	641 x 1000 lbs
Structural Compression Efficiency	100 %	Structural Compression Strength	641 x 1000 lbs
External Pressure Capacity	12100 psi	Internal Pressure Capacity <sup>(1)</sup>	12630 psi
		Structural Bending <sup>(2)</sup>	92 %/100 ft
ESTIMATED MAKE-UP TORQUES <sup>(3)</sup>			
Minimum	11270 ft-lbs	Optimum	12520 ft-lbs
		Maximum	13770 ft-lbs
OPERATIONAL LIMIT TORQUES			
Operating Torque	21500 ft-lbs	Yield Torque	23900 ft-lbs

**BLANKING DIMENSIONS**Blanking Dimensions

- (1) Internal Pressure Capacity related to structural resistance only. Internal pressure leak resistance as per section 10.3 API 5C3 / ISO 10400 - 2007.
- (2) Structural rating, pure bending to yield (i.e no other loads applied)
- (3) Torque values calculated for API Modified thread compounds with Friction Factor=1. For other thread compounds please contact us at [licensees@oilfield.tenaris.com](mailto:licensees@oilfield.tenaris.com). Torque values may be further reviewed. For additional information, please contact us at [contact-tenarishydril@tenaris.com](mailto:contact-tenarishydril@tenaris.com)



<b>APD ID:</b> 10400022745	<b>Submission Date:</b> 10/05/2017	Highlighted data reflects the most recent changes <a href="#">Show Final Text</a>
<b>Operator Name:</b> MATADOR PRODUCTION COMPANY		
<b>Well Name:</b> LESLIE FED COM	<b>Well Number:</b> 21H	
<b>Well Type:</b> OIL WELL	<b>Well Work Type:</b> Drill	

**Section 1 - Existing Roads**

**Will existing roads be used?** YES

**Existing Road Map:**

Leslie\_21H\_Road\_Map\_20170928131738.pdf

**Existing Road Purpose:** ACCESS

**Row(s) Exist?** NO

**ROW ID(s)**

**ID:**

**Do the existing roads need to be improved?** NO

**Existing Road Improvement Description:**

**Existing Road Improvement Attachment:**

**Section 2 - New or Reconstructed Access Roads**

**Will new roads be needed?** YES

**New Road Map:**

Leslie\_21H\_New\_Road\_Map\_20170928131823.pdf

**New road type:** RESOURCE

**Length:** 235.58 Feet

**Width (ft.):** 30

**Max slope (%):** 0

**Max grade (%):** 2

**Army Corp of Engineers (ACOE) permit required?** NO

**ACOE Permit Number(s):**

**New road travel width:** 14

**New road access erosion control:** Crowned and ditched; 18" x 50' culvert will be installed on the north side of the caliche road.

**New road access plan or profile prepared?** NO

**New road access plan attachment:**

**Access road engineering design?** NO

**Access road engineering design attachment:**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Access surfacing type:** OTHER

**Access topsoil source:** ONSITE

**Access surfacing type description:** Caliche

**Access onsite topsoil source depth:** 6

**Offsite topsoil source description:**

**Onsite topsoil removal process:** Grader

**Access other construction information:** Four surface poly pipelines on the north side of the caliche road will be padded or otherwise protected.

**Access miscellaneous information:**

**Number of access turnouts:**

**Access turnout map:**

### Drainage Control

**New road drainage crossing:** CULVERT

**Drainage Control comments:** Crowned and ditched; 18" x 50' culvert will be installed on the north side of the caliche road.

**Road Drainage Control Structures (DCS) description:** None

**Road Drainage Control Structures (DCS) attachment:**

### Access Additional Attachments

**Additional Attachment(s):**

### Section 3 - Location of Existing Wells

**Existing Wells Map?** YES

**Attach Well map:**

Leslie\_21H\_Well\_Map\_20170928132254.pdf

**Existing Wells description:**

### Section 4 - Location of Existing and/or Proposed Production Facilities

**Submit or defer a Proposed Production Facilities plan?** SUBMIT

**Production Facilities description:**

**Production Facilities map:**

Leslie\_21H\_Production\_Diagram\_20170928132306.pdf

### Section 5 - Location and Types of Water Supply

#### Water Source Table

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Water source use type:** DUST CONTROL,  
INTERMEDIATE/PRODUCTION CASING, STIMULATION, SURFACE  
CASING

**Water source type:** GW WELL

**Describe type:**

**Source longitude:**

**Source latitude:**

**Source datum:**

**Water source permit type:** PRIVATE CONTRACT

**Source land ownership:** PRIVATE

**Water source transport method:** TRUCKING

**Source transportation land ownership:** FEDERAL

**Water source volume (barrels):** 15000

**Source volume (acre-feet):** 1.9333965

**Source volume (gal):** 630000

**Water source and transportation map:**

Leslie\_21H\_Water\_Source\_Map\_20170928132410.pdf

**Water source comments:**

**New water well?** NO

### New Water Well Info

**Well latitude:**

**Well Longitude:**

**Well datum:**

**Well target aquifer:**

**Est. depth to top of aquifer(ft):**

**Est thickness of aquifer:**

**Aquifer comments:**

**Aquifer documentation:**

**Well depth (ft):**

**Well casing type:**

**Well casing outside diameter (in.):**

**Well casing inside diameter (in.):**

**New water well casing?**

**Used casing source:**

**Drilling method:**

**Drill material:**

**Grout material:**

**Grout depth:**

**Casing length (ft.):**

**Casing top depth (ft.):**

**Well Production type:**

**Completion Method:**

**Water well additional information:**

**State appropriation permit:**

**Additional information attachment:**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

### Section 6 - Construction Materials

**Construction Materials description:** NM One Call (811) will be notified before construction starts. Top 6" of soil and brush will be stockpiled west of the pad. Closed loop drilling system will be used. Caliche will be hauled from existing caliche pits on private land (Destiny pit in NENE 4-25s-35e & Madera pit in SENW 6-25s-35e).

**Construction Materials source location attachment:**

Leslie\_21H\_Construction\_Diagram\_20170928132448.pdf

### Section 7 - Methods for Handling Waste

**Waste type:** DRILLING

**Waste content description:** Cuttings, mud, salts, and other chemicals

**Amount of waste:** 2000 barrels

**Waste disposal frequency :** Daily

**Safe containment description:** Steel tanks

**Safe containmant attachment:**

**Waste disposal type:** HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** PRIVATE

**Disposal type description:**

**Disposal location description:** R360's state approved (NM-01-0006) disposal site at Halfway, NM

### Reserve Pit

**Reserve Pit being used?** NO

**Temporary disposal of produced water into reserve pit?**

**Reserve pit length (ft.)**                      **Reserve pit width (ft.)**

**Reserve pit depth (ft.)**    **Reserve pit volume (cu. yd.)**

**Is at least 50% of the reserve pit in cut?**

**Reserve pit liner**

**Reserve pit liner specifications and installation description**

### Cuttings Area

**Cuttings Area being used?** NO

**Are you storing cuttings on location?** YES

**Description of cuttings location** Steel tanks on pad

**Cuttings area length (ft.)**    **Cuttings area width (ft.)**

**Cuttings area depth (ft.)**    **Cuttings area volume (cu. yd.)**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Is at least 50% of the cuttings area in cut?**

**WCuttings area liner**

**Cuttings area liner specifications and installation description**

### Section 8 - Ancillary Facilities

**Are you requesting any Ancillary Facilities?:** NO

**Ancillary Facilities attachment:**

**Comments:**

### Section 9 - Well Site Layout

**Well Site Layout Diagram:**

Leslie\_Well\_Site\_Layout\_20170928132657.pdf

**Comments:**

### Section 10 - Plans for Surface Reclamation

**Type of disturbance:** New Surface Disturbance

**Multiple Well Pad Name:** LESLIE FED COM

**Multiple Well Pad Number:** 21H

**Recontouring attachment:**

Leslie\_21H\_Recontour\_Plat\_20170928132718.pdf

Leslie\_21H\_Interim\_Reclamation\_Diagram\_20180130115322.PDF

**Drainage/Erosion control construction:** Crowned and ditched

**Drainage/Erosion control reclamation:** Harrowed on the contour

**Wellpad long term disturbance (acres):** 1.64

**Wellpad short term disturbance (acres):** 3.21

**Access road long term disturbance (acres):** 0.16

**Access road short term disturbance (acres):** 0.16

**Pipeline long term disturbance (acres):** 0

**Pipeline short term disturbance (acres):** 0

**Other long term disturbance (acres):** 0

**Other short term disturbance (acres):** 0

**Total long term disturbance:** 1.8

**Total short term disturbance:** 3.37

**Reconstruction method:** Interim reclamation will be completed within 6 months of completing the last well on the pad. Interim reclamation will consist of shrinking the pad 49% (1.57 acre) by removing caliche and reclaiming 65' area on the north and 150' on the west sides of the pad. This will leave 1.64 acres for the production equipment (e. g., tank battery, heater-treaters, separator), pump jacks, and tractor-trailer turn around. Disturbed areas will be contoured to match pre-construction grades. Soil and brush will be evenly spread over disturbed areas and harrowed on the contour. Disturbed areas will be seeded in accordance with BLM's requirements.

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Topsoil redistribution:** Enough stockpiled topsoil will be retained to cover the remainder of the pad when the last well is plugged. Once the last well is plugged, then the rest of the pad will be similarly reclaimed within 6 months of plugging. Noxious weeds will be controlled.

**Soil treatment:** None

**Existing Vegetation at the well pad:**

**Existing Vegetation at the well pad attachment:**

**Existing Vegetation Community at the road:**

**Existing Vegetation Community at the road attachment:**

**Existing Vegetation Community at the pipeline:**

**Existing Vegetation Community at the pipeline attachment:**

**Existing Vegetation Community at other disturbances:**

**Existing Vegetation Community at other disturbances attachment:**

**Non native seed used?** NO

**Non native seed description:**

**Seedling transplant description:**

**Will seedlings be transplanted for this project?** NO

**Seedling transplant description attachment:**

**Will seed be harvested for use in site reclamation?** NO

**Seed harvest description:**

**Seed harvest description attachment:**

## **Seed Management**

### **Seed Table**

**Seed type:**

**Seed source:**

**Seed name:**

**Source name:**

**Source address:**

**Source phone:**

**Seed cultivar:**

**Seed use location:**

**PLS pounds per acre:**

**Proposed seeding season:**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Seed Summary**

**Total pounds/Acre:**

<b>Seed Type</b>	<b>Pounds/Acre</b>
------------------	--------------------

**Seed reclamation attachment:**

**Operator Contact/Responsible Official Contact Info**

**First Name:**

**Last Name:**

**Phone:**

**Email:**

**Seedbed prep:**

**Seed BMP:**

**Seed method:**

**Existing invasive species?** NO

**Existing invasive species treatment description:**

**Existing invasive species treatment attachment:**

**Weed treatment plan description:** To BLM standards

**Weed treatment plan attachment:**

**Monitoring plan description:** To BLM standards

**Monitoring plan attachment:**

**Success standards:** To BLM satisfaction

**Pit closure description:** No pit

**Pit closure attachment:**

**Section 11 - Surface Ownership**

**Disturbance type:** WELL PAD

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** EXISTING ACCESS ROAD

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

**Disturbance type:** NEW ACCESS ROAD

**Describe:**

**Surface Owner:** BUREAU OF LAND MANAGEMENT

**Other surface owner description:**

**BIA Local Office:**

**BOR Local Office:**

**COE Local Office:**

**Operator Name:** MATADOR PRODUCTION COMPANY

**Well Name:** LESLIE FED COM

**Well Number:** 21H

**DOD Local Office:**

**NPS Local Office:**

**State Local Office:**

**Military Local Office:**

**USFWS Local Office:**

**Other Local Office:**

**USFS Region:**

**USFS Forest/Grassland:**

**USFS Ranger District:**

### Section 12 - Other Information

**Right of Way needed?** NO

**Use APD as ROW?**

**ROW Type(s):**

### ROW Applications

**SUPO Additional Information:** Deficiency letter dated 11/28/16 requested: 1) revised Interim Reclamation based on on-site - see revised Interim Reclamation Diagram and revised SUPO; 2) Surface use agreement with private landowner - BLM is only surface owner.

**Use a previously conducted onsite?** YES

**Previous Onsite information:** On site inspection was held with Vance Wolf on October 27, 2016. Lone Mountain inspected and filed archaeology report NMCRIS 138869 on August 31, 2017.

### Other SUPO Attachment

Leslie\_21H\_General\_SUPO\_20180130115450.pdf

### Section 3 - Unlined Pits

Would you like to utilize Unlined Pit PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit specifications:

Precipitated solids disposal:

Describe precipitated solids disposal:

Precipitated solids disposal permit:

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule attachment:

Unlined pit reclamation description:

Unlined pit reclamation attachment:

Unlined pit Monitor description:

Unlined pit Monitor attachment:

Do you propose to put the produced water to beneficial use?

Beneficial use user confirmation:

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic evidence:

State authorization:

Unlined Produced Water Pit Estimated percolation:

Unlined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information attachment:

### Section 4 - Injection

Would you like to utilize Injection PWD options? NO

Produced Water Disposal (PWD) Location:

PWD surface owner:

PWD disturbance (acres):

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

**Injection well type:**

**Injection well number:**

**Injection well name:**

**Assigned injection well API number?**

**Injection well API number:**

**Injection well new surface disturbance (acres):**

**Minerals protection information:**

**Mineral protection attachment:**

**Underground Injection Control (UIC) Permit?**

**UIC Permit attachment:**

### **Section 5 - Surface Discharge**

**Would you like to utilize Surface Discharge PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Surface discharge PWD discharge volume (bbl/day):**

**Surface Discharge NPDES Permit?**

**Surface Discharge NPDES Permit attachment:**

**Surface Discharge site facilities information:**

**Surface discharge site facilities map:**

### **Section 6 - Other**

**Would you like to utilize Other PWD options? NO**

**Produced Water Disposal (PWD) Location:**

**PWD surface owner:**

**PWD disturbance (acres):**

**Other PWD discharge volume (bbl/day):**

**Other PWD type description:**

**Other PWD type attachment:**

**Have other regulatory requirements been met?**

**Other regulatory requirements attachment:**



U.S. Department of the Interior  
BUREAU OF LAND MANAGEMENT

## Bond Info Data Report

02/27/2018

### Bond Information

Federal/Indian APD: FED

BLM Bond number: NMB001079

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

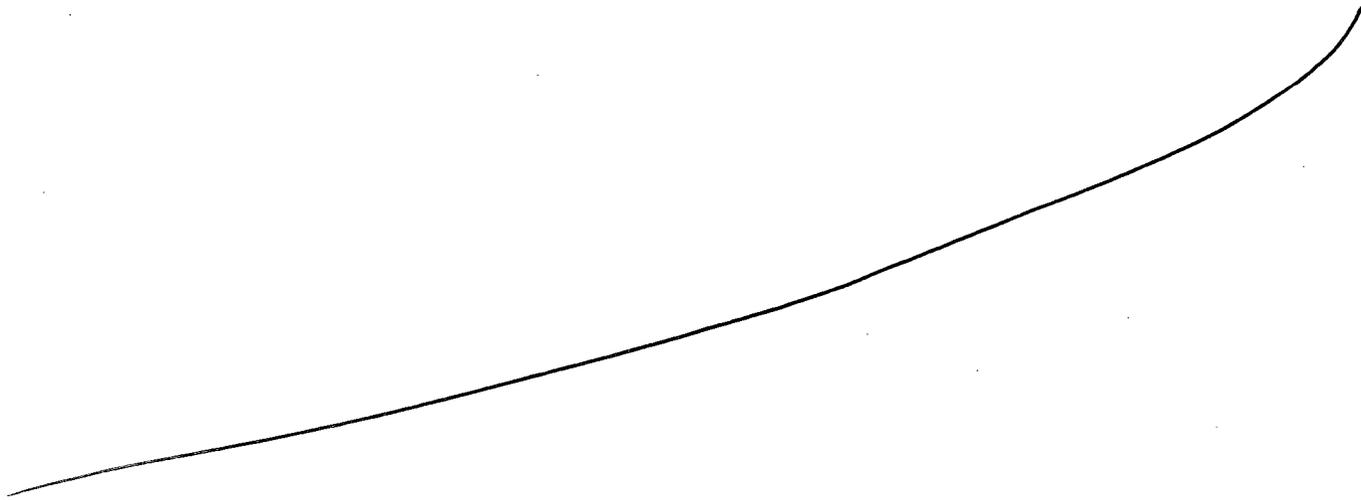
Reclamation bond number:

Reclamation bond amount:

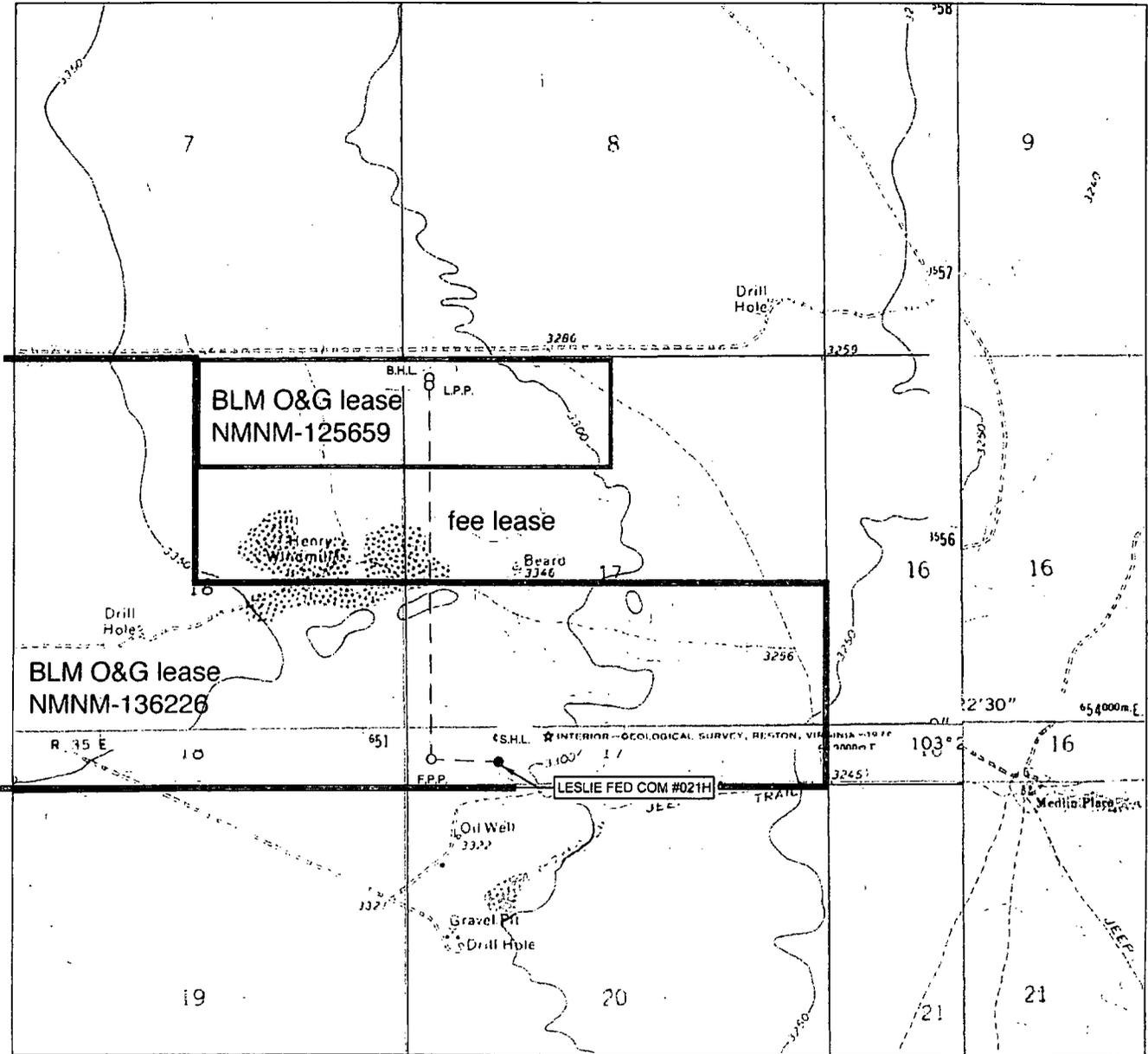
Reclamation bond rider amount:

Additional reclamation bond information attachment:

rh



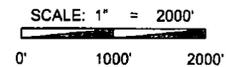
# LOCATION & ELEVATION VERIFICATION MAP



LEASE NAME & WELL NO.: LESLIE FED COM #021H

SECTION 17 TWP 25-S RGE 35-E SURVEY N.M.P.M.  
 COUNTY LEA STATE NM ELEVATION 3311'  
 DESCRIPTION 295' FSL & 1172' FWL

LATITUDE N 32.1238273 LONGITUDE W 103.3938410



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 1927, U.S. SURVEY FEET.



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