

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTCarlsbad Field Office  
OCD Hobbs  
FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018  
Case Serial No.  
NMLC064009D**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.***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		6. If Indian, Allottee or Tribe Name	
2. Name of Operator MATADOR PRODUCTION COMPANY		7. If Unit or CA/Agreement, Name and/or No.	
3a. Address 5400 LBJ FREEWAY, SUITE 1500 DALLAS, TX 75240		8. Well Name and No. YOUNG DEEP UNIT 18	
3b. Phone No. (include area code) Ph: 575-623-6601 Ext: 2465		9. API Well No. 30-025-31359	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T18S R32E Mer NMP NESW 2310FSL 1980FEL 1980		10. Field and Pool or Exploratory Area YOUNG; BONE SPRING NORTH	
		11. County or Parish, State LEA COUNTY, NM	

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" 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 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 checked="" type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recompleate 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 recompleation 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 No. RLB0015172

R/U Workover rig and pull rods and tubing currently in hole.

RIH with wire line and log with pulsed neutron tool from TD to top of cement.

RIH with tubing and set CIBP at 8,169' &amp; pressure test. Spot 40' CL H cement on top. WOC 4 hours and tag.

-Dx spot 25 sacks of C/C cement from 6420'-6260'. WOC 8 Tg.

RIH with wire line and perforate from 5910'-5983'.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Electronic Submission #386376 verified by the BLM Well Information System For MATADOR PRODUCTION COMPANY, sent to the Hobbs Committed to AFMSS for processing by MUSTAFA HAQUE on 10/24/2017 ()	
Name (Printed/Typed) CHRIS VILLARREAL	Title OPERATIONS ENGINEER
Signature (Electronic Submission)	Date 08/28/2017

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <u>MUSTAFA HAQUE</u>	Title <b>PETROLEUM ENGINEER</b> OCT 24 2017	Date <u>10-24-2017</u>
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 <u>CFO</u> BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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 \*\***

K2



**Additional data for EC transaction #386376 that would not fit on the form**

**32. Additional remarks, continued**

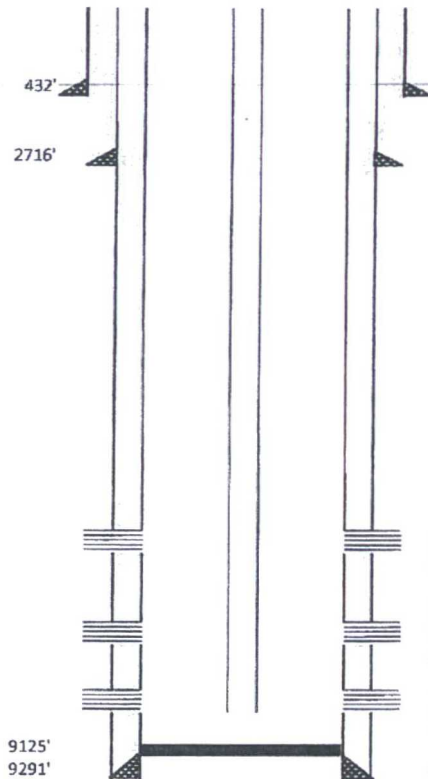
RIH with 2 7/8" tubing and retrievable packer and stimulate perforations with 240,000 lbs proppant and 1990 bbls of fluid.

RIH with 2 3/8" tubing and produce up tubing string.

See Attachments



**Young Deep Unit #18**  
**1980' FSL & 1980' FWL Sec 9 - 185 - 32E**  
**Lea County, NM**  
**API: 30-025-31359**  
**WELLBORE SCHEMATIC**  
**Spudded: 8/22/1991**



	Casing Information					
	Hole Size	Casing Size	Type	Weight lb/ft	Joints	Depth Set
Surface	17 1/2	13 3/8	ST&C J-55	54.5	10	432
Intermediate	12 1/4	8 5/8	ST&C J-55	32	62	2716
Production	7 7/8	5 1/2	LT&C J-55	17	214	9,291
	DV Tool Marker Jt. Float Collar	6623-6645				

Cementing Record	
Surface	425 sks CI "C" (Circulated)
Intermediate	1000 sks 65/35 "C" & 200 sks "C"
Production	1575 sks 65/35 CI "H" (TOC @ 1640')

Tubing		Rods		Geologic Markers	
Joints	277	Total	359	Rustler	1122
Diam.	2 3/8	7/8"	21	Yates	2623
Grade		3/4"	228	7 Rivers	3106
Weight		7/8"	110	Queen	3827
Packer		1"		Grayburg	4397
PBTD	9125	Pony	6', 2'	San Andres	4862
TA	8170	Pump		Delaware	5154
SN	9010	2 x 1 1/4 x 24'		Bone Springs	6370
BP				1st Sand	8028
				B Zone	8188
				2nd Sand	8669
				C Zone	9170
				3rd Sand	9220

(3/4/1994) 8269-8284 30 Holes  
 Acdz 7850 gal w/ 20% NEFE (Shingle)

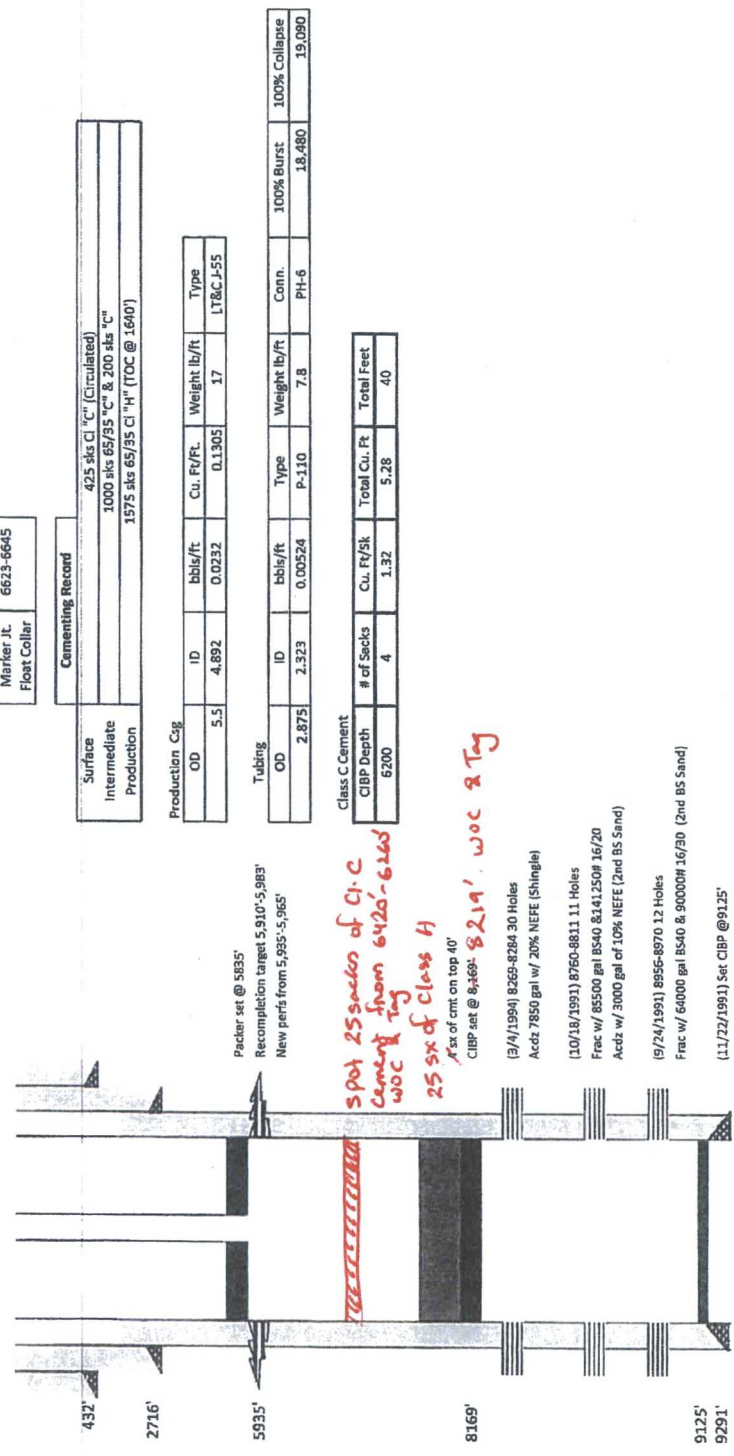
(10/18/1991) 8760-8811 11 Holes  
 Frac w/ 85500 gal BS40 & 141250# 16/20  
 Acdz w/ 3000 gal of 10% NEFE (2nd BS Sand)

(9/24/1991) 8956-8970 12 Holes  
 Frac w/ 64000 gal BS40 & 90000# 16/30 (2nd BS Sand)

(11/22/1991) Set CIBP @9125'



MATADOR RESOURCES  
 Young Deep Unit #18  
 1980' FSL & 1980' FWL Sec 9 - 18S - 32E  
 Lea County, NM  
 API: 30-025-31359  
**PROPOSED WELLBORE SCHEMATIC**  
 Spudded: 8/22/1991



Packer set @ 5835'  
 Recompletion target 5,910'-5,983'  
 New perf from 5,935'-5,965'

*spot 25 sacks of C.C.  
 cement from 6420-6263  
 woc tag  
 25 sks of class H  
 1/2 x of cmt on top 40'*

CIP set @ 8,469' 8219' woc & tag  
 (3/4/1991) 8265-8284 30 Holes  
 Acids 7850 gal w/ 20% NEFE (Shingle)  
 (10/18/1991) 8760-8811 11 Holes  
 Frac w/ 85500 gal BS40 & 141250# 16/20  
 Acids w/ 3000 gal of 10% NEFE (2nd BS Sand)  
 (9/24/1991) 8956-8970 12 Holes  
 Frac w/ 64000 gal BS40 & 90000# 16/30 (2nd BS Sand)  
 (11/22/1991) Ser CIP @ 9125'



Young Deep Unit 18  
30-025-31359  
Matador Production Company  
Conditions of Approval

Timing Limitation Stipulation / Condition of Approval for lesser prairie-chicken:

Oil and gas activities including 3-D geophysical exploration, and drilling will not be allowed in lesser prairie-chicken habitat during the period from March 1st through June 15th annually. During that period, other activities that produce noise or involve human activity, such as the maintenance of oil and gas facilities, pipeline, road, and well pad construction, will be allowed except between 3:00 am and 9:00 am. The 3:00 am to 9:00 am restriction will not apply to normal, around-the-clock operations, such as venting, flaring, or pumping, which do not require a human presence during this period. Additionally, no new drilling will be allowed within up to 200 meters of leks known at the time of permitting. Normal vehicle use on existing roads will not be restricted. Exhaust noise from pump jack engines must be muffled or otherwise controlled so as not to exceed 75 db measured at 30 feet from the source of the noise. Exceptions to these restrictions may be granted by BLM's Cassandra Brooks <crbrooks@blm.gov> 575.234.2232

**Notify BLM at 575-361-2822 (Eddy County) or 575-393-3612 (Lea County) a minimum of 24 hours prior to commencing work.**

**Work to be completed by January 25, 2018.**

1. Spot 25 sxs Class C cement from 6420' – 6260'. WOC and Tag
2. Must conduct a casing integrity test before perforating and fracturing. Submit results to BLM. The CIT is to be performed on the production casing to max treating pressure. Notify BLM if test fails.
3. Before casing or a liner is added or replaced, prior BLM approval of the design is required. Use notice of intent Form 3160-5.
4. Surface disturbance beyond the originally approved pad must have prior approval.
5. Closed loop system required.
6. All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well



location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

7. Operator to have H2S monitoring equipment on location.
8. A minimum of a 2000 (2M) BOP to be used. All blowout preventer (BOP) and related equipment (BOPE) shall comply with reasonable well control requirements. A two ram system with a blind ram and a pipe ram designed for the size of the work string shall be adequate. Tapered work strings will require an additional pipe ram. The manifold shall comply with Onshore Oil and Gas Order #2 Attachment I (2M Diagrams of Choke Manifold Equipment). The accumulator system shall have an immediately available power source to close the rams and retain 200 psi above pre-charge. The pre-charge test shall follow requirements in Onshore Order #2.
9. **Subsequent sundry required detailing work done, a C-102 form, and completion report for the new formations. Operator to include well bore schematic of current well condition when work is complete.**
10. **See attached for General Plugback Guidelines.**

**MHH 10242017**



**BUREAU OF LAND MANAGEMENT**  
**Carlsbad Field Office**  
**620 East Greene Street**  
**Carlsbad, New Mexico 88220**  
**575-234-5972**

**Permanent Abandonment of Production Zone Conditions of Approval**

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plug back operations shall commence within **ninety (90)** days from this approval. **If you are unable to plug back the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged back. Failure to do so will result in enforcement action.**
2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. For wells in Eddy County, call 575-361-2822. For wells in Lea County, call 575-393-3612
3. **Blowout Preventers:** A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
4. **Mud Requirement:** Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.
5. **Cement Requirement:** Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.  
In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement.  
**Before pumping cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**  
Unless otherwise specified in the approved procedure, the cement plug shall consist of either **Neat Class "C"**, for up to 7,500 feet of depth or **Neat Class "H"**, for deeper than 7,500 feet plugs.
6. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date work was completed.** If plugging back to a new zone submit a Completion Report, form 3160-4 with the Subsequent Report.
7. **Trash:** All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.