

# HOBBS OGD Carlsbad Field Office

Form 3160-3  
(March 2012)

SEP 21 2016

## OCD Hobbs

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

### APPLICATION FOR PERMIT TO DRILL OR REENTER

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

5. Lease Serial No. NMNM82799	
6. If Indian, Allottee or Tribe Name	
7. If Unit or CA Agreement, Name and No.	
8. Lease Name and Well No. (316815) GRAMA FED COM, 8817 JV-P 2H FED COM 2H	
9. API Well No. 30-025-43426	
10. Field and Pool, or Exploratory GRAMA RIDGE, WEST WC-025 G-06 S223421L BONE SPRING (28432)	
11. Sec., T. R. M. or Blk. and Survey or Area SEC 16 / T22S / R34E / NMP	
12. County or Parish LEA	13. State NM
14. Distance in miles and direction from nearest town or post office* 20 miles	
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 330 feet	16. No. of acres in lease 640
17. Spacing Unit dedicated to this well 320	18. Distance from proposed location* to nearest well, drilling, completed, 0 feet applied for, on this lease, ft.
19. Proposed Depth 10246 feet / 20030 feet	20. BLM/BIA Bond No. on file FED: NM1195
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3476 feet	22. Approximate date work will start* 08/01/2016
	23. Estimated duration 45 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:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature (Electronic Submission)	Name (Printed/Typed) Pam Inskeep / Ph: (432)682-3753	Date 06/24/2016
Title Regulatory Administrator		
Approved by (Signature) (Electronic Submission)	Name (Printed/Typed) George MacDonell / Ph: (575)234-5901	Date 09/01/2016
Title Field Manager		
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)

\*(Instructions on page 2)

KZ  
09/21/16  
**APPROVED WITH CONDITIONS**

## 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.

## Additional Operator Remarks

### Location of Well

1. SHL: 330 FSL / 380 FWL / TWSP: 22S / RANGE: 34E / SECTION: 16 / LAT: 32.385229 / LONG: -103.48183 ( TVD: 0 feet, MD: 0 feet )  
PPP: 902 FSL / 380 FWL / TWSP: 22S / RANGE: 34E / SECTION: 16 / LAT: 32.386801 / LONG: -103.481828 ( TVD: 10246 feet, MD: 10600 feet )  
BHL: 200 FNL / 380 FWL / TWSP: 22S / RANGE: 34E / SECTION: 9 / LAT: 32.412797 / LONG: -103.48178 ( TVD: 10246 feet, MD: 20030 feet )

### BLM Point of Contact

Name: Alana Baker  
Title: Legal Instruments Examiner  
Phone: 5752345922  
Email: abaker@blm.gov

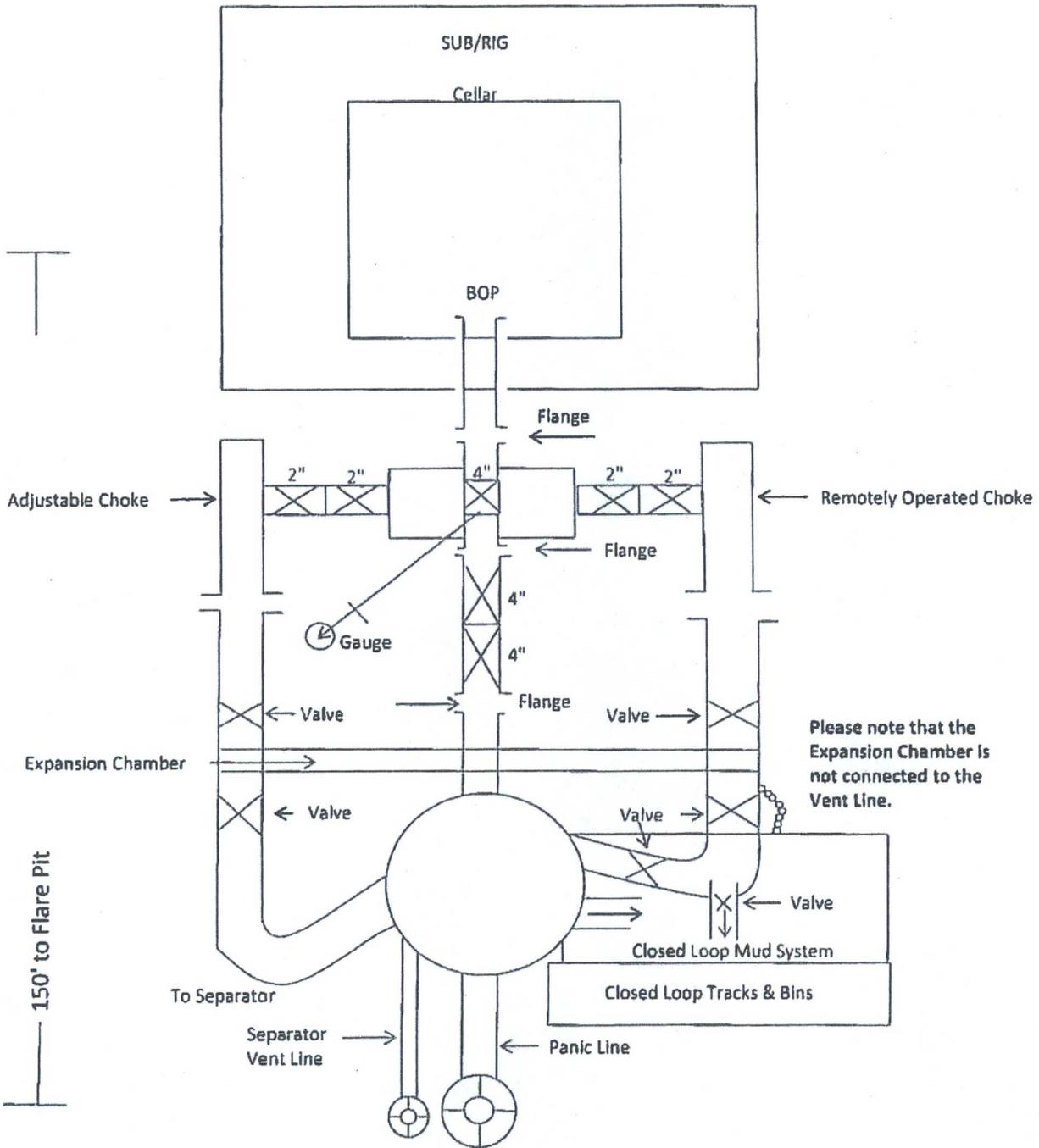
CONFIDENTIAL

## Review and Appeal Rights

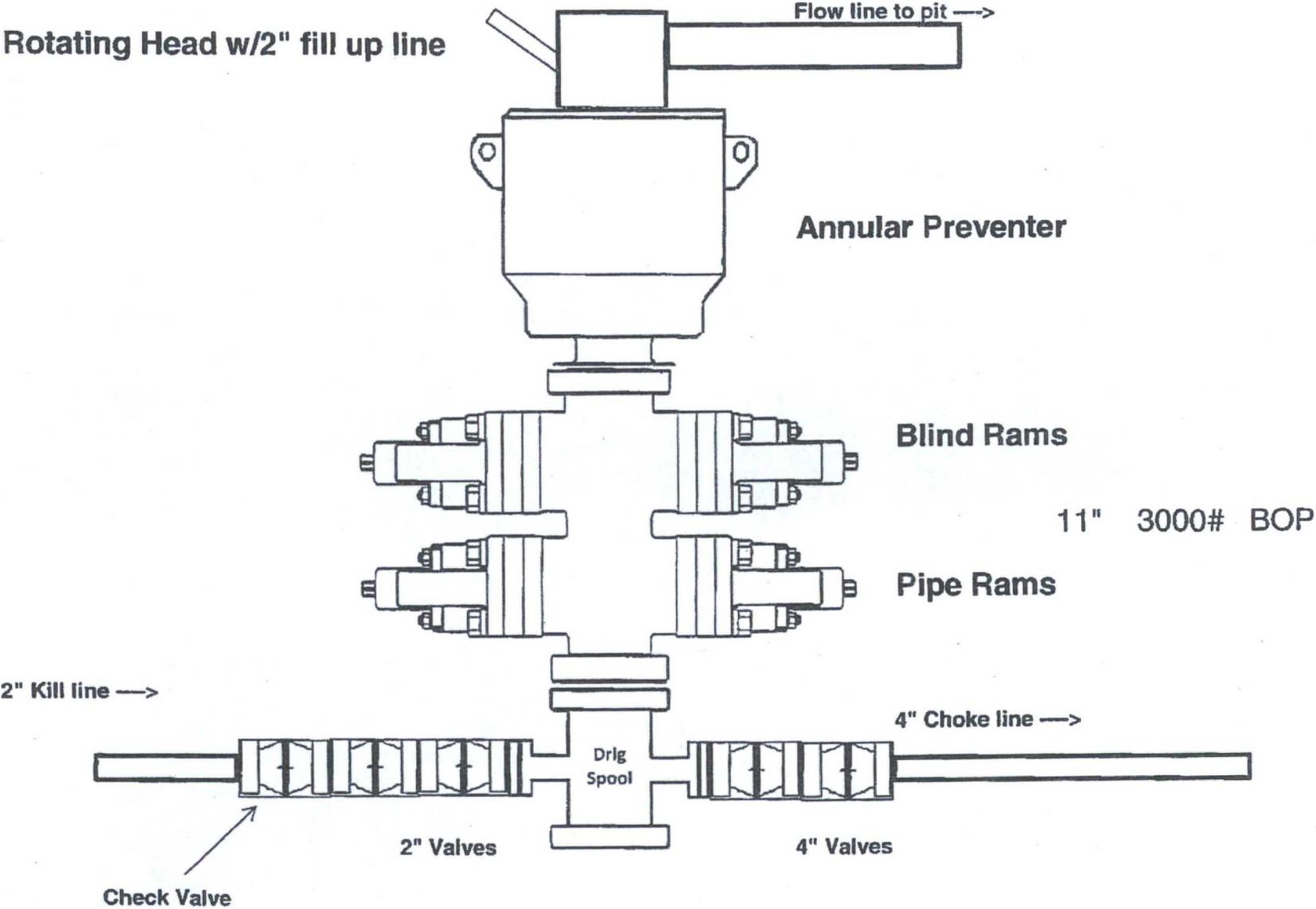
A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North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

CONFIDENTIAL

# 3M Choke Manifold Equipment



# 3,000 psi BOP Schematic



BTA Oil Producers LLC  
 Grama Fed Com 8817 JV-P #2H  
 Casing, Cementing, and Mud Programs

AFMSS APD ID 10400002338

June, 2016

Casing Program

Hole Size	Csg Size	From (MD)	To (MD)	From (TVD)	To (TVD)	Tapered String	Weight (lbs)	Grade	Conn	SF Collapse	SF Burst	SF Body Tension	SF Jt Tension	Dry/Buoyant
17.5"	13.375"	0	1610	0	1610	N	54.5	J55	STC	1.6	3.88	9.7	5.8	Dry
12.25"	9.625"	0	5200	0	5200	N	54.5	J55	LTC	1.6	2.5	3.02	2.5	Dry
8.75"	5.5"	0	20030	0	10246	N	17	P110	LTC	2.77	3.9	3.1	2.5	Dry
BLM Minimum Safety Factor										1.125	1	1.6 or greater Dry 1.8 or greater Wet		

All casing strings will be tested in accordance with Onshore Oil and Gas Order #2 III.B.1.h

	Y or N
Is casing new? If used, attach certification as required in Onshore Order #1	Y
Does casing meet API specifications? If no, attach casing specification sheet.	Y
Is premium or uncommon casing planned? If yes attach casing specification sheet.	N
Does the above casing design meet or exceed BLM's minimum standards? If not provide justification (loading assumptions, casing design criteria).	Y
Will the intermediate pipe be kept at a minimum 1/3 fluid filled to avoid approaching the collapse pressure rating of the casing?	Y
Is well located within Capitan Reef?	N
If yes, does production casing cement tie back a minimum of 50' above the Reef?	
Is well within the designated 4 string boundary.	