

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA  
OCT 05 2009

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

LM

**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 reverse side.**

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NM 117117
2. Name of Operator COG Operating, LLC		6. If Indian, Allottee or Tribe Name N/A
3a. Address 550 W. Texas Ave., Suite 1300, Midland, TX 79701	3b. Phone No. (include area code) 432-685-9158	7. If Unit or CA/Agreement, Name and/or No. N/A
4. Location of Well (Footage, Sec., T, R, M, or Survey Description) Section 23, T16S, R28E, NE/4NE/4, 800' FNL & 660' FWL		8. Well Name and No. Moose 23 Federal #2H
		9. API Well No. 30-015-37101
		10. Field and Pool, or Exploratory Area Crow Flats, ABO
		11. County or Parish, State Eddy Co, NM

12. CHECK 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"/> Fracture Treat	<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 <u>pipeline</u>
	<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 recomplete 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 shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

COG Operating LLC respectfully requests the opportunity to construct a 10" buried, low pressure, poly pipeline connecting the Moose 23 Federal #2H and the Moose 23 Federal #1Y.

Please see attached plat showing the specific route and note that it runs along an existing road. Also see attached letter from Boone Archaeological Services indicating the proposed pipeline route is located within previous survey 09-0143.1 and 09-0143.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) Debbie Harrell	Title Agent Acting on Behalf of COG Operating LLC
Signature <i>Debbie Harrell</i>	Date 09/01/2009

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

Approved by <u>Is/ Don Peterson</u>	Title
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

APPROVED

SEP 29 2009

Date

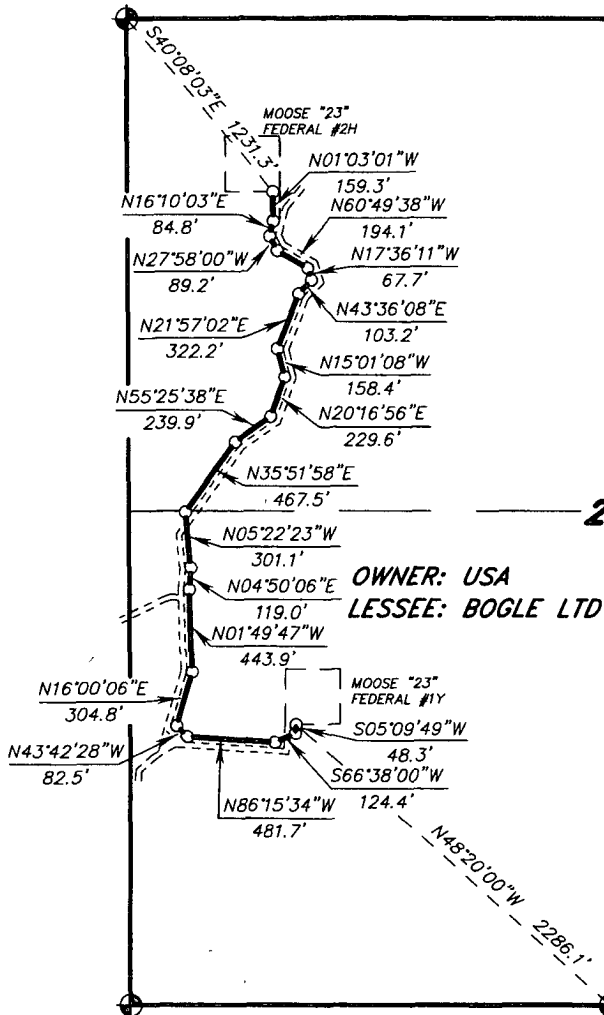
BUREAU OF LAND MANAGEMENT  
BLM Carlsbad Field Office  
CARLSBAD FIELD OFFICE

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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)

SECTION 23, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO.



- 40+21.6 E.O.L. AT WELL PAD  
N.: 32°54'49.7"  
W.: 104°09'09.78"
- 38+62.3 P.I. 17°13'03" LT
- 37+77.5 P.I. 54°08'01" RT
- 36+88.3 P.I. 22°51'40" RT
- 34+94.2 P.I. 43°13'29" LT
- 34+26.5 P.I. 61°12'18" LT
- 33+23.3 P.I. 21°39'06" RT
- 30+01.1 P.I. 36°58'10" RT
- 28+42.7 P.I. 35°18'04" LT
- 26+13.1 P.I. 35°08'42" LT
- 23+73.2 P.I. 19°33'40" RT
- 19+05.7 P.I. 41°14'21" RT
- 18+48 LEASE ROAD
- 16+04.6 P.I. 10°12'30" LT
- 14+85.6 P.I. 06°39'54" RT
- 10+41.7 P.I. 17°49'53" LT
- 7+36.9 P.I. 59°42'34" RT
- 6+54.4 P.I. 42°33'06" RT
- 1+72.7 P.I. 27°06'25" RT
- 1+00 LEASE ROAD
- 0+48.3 P.I. 61°28'14" RT
- 0+00 BEGIN SURVEY AT WELL PAD  
N.: 32°54'20.54"  
W.: 104°09'08.50"

23

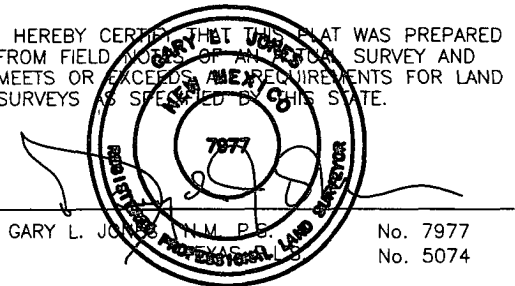
OWNER: USA  
LESSEE: BOGLE LTD

LEGAL DESCRIPTION

A STRIP OF LAND 30.0 FEET WIDE, LOCATED IN SECTION 23, TOWNSHIP 16 SOUTH, RANGE 28 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 15.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

SECTION 23 = 4021.6 FEET = 243.73 RODS = 0.76 MILES = 2.77 ACRES

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACCURATE SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.



GARY L. JONES, N.M.P.S. No. 7977  
PROFESSIONAL LAND SURVEYOR No. 5074

**BASIN SURVEYS** P.O. BOX 1786 - HOBBS, NEW MEXICO

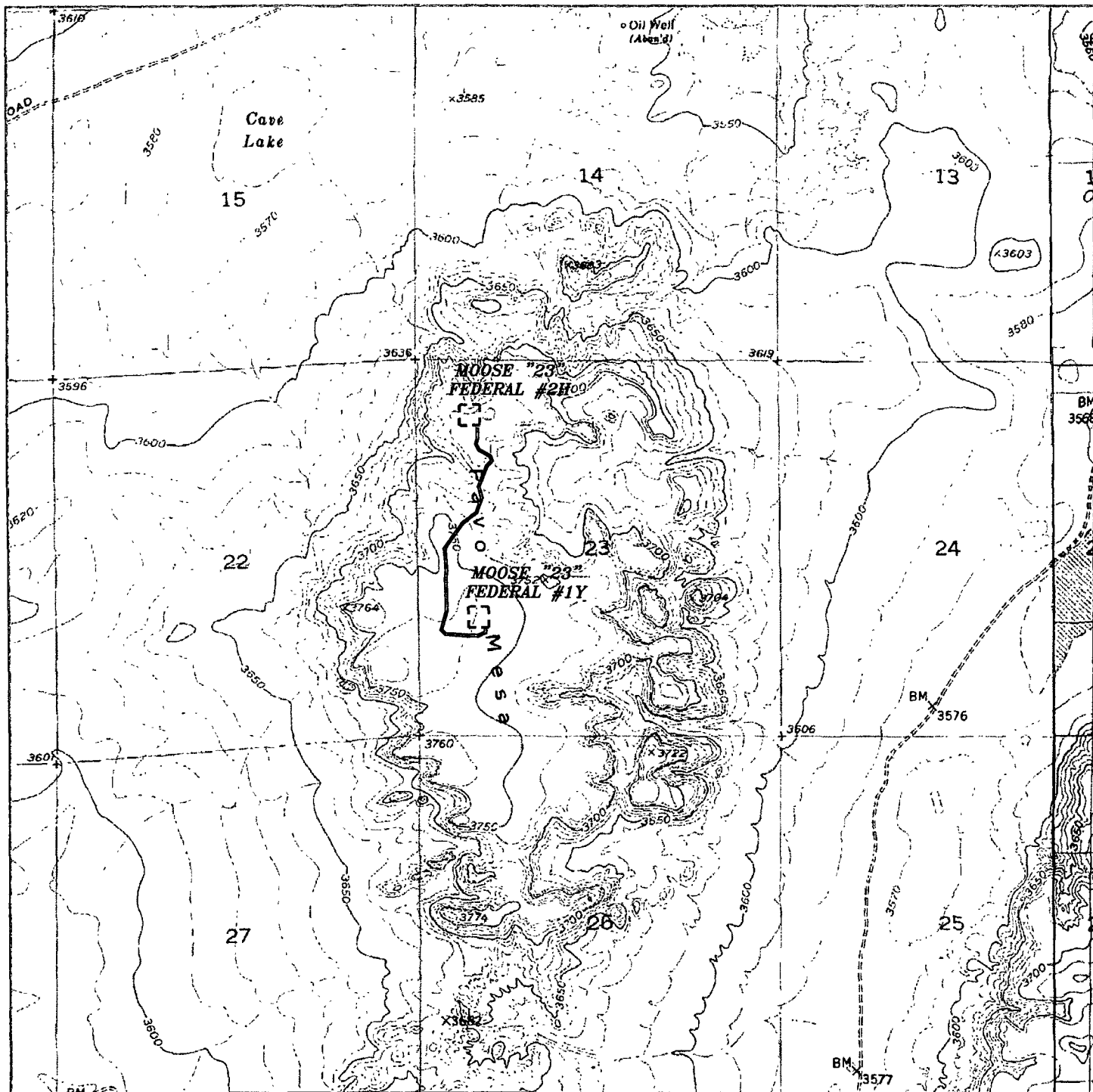


**C.O.G. OPERATING LLC**

REF: PROPOSED PIPELINE TO THE MOOSE "23" FEDERAL #2H

A PIPELINE CROSSING USA LAND IN  
SECTION 23, TOWNSHIP 16 SOUTH, RANGE 28 EAST,  
N.M.P.M., EDDY COUNTY, NEW MEXICO.

W.O. Number: 21333	Drawn By: J. M. SMALL	Survey Date: 04-28-2009	Sheet 1 of 1 Sheets
Date: 04-29-2009	Disk: JMS 21333		



PROPOSED PIPELINE TO THE MOOSE "23" FEDERAL #2H  
 Section 23, Township 16 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

W.O. Number: JMS 21333

Survey Date: 04-28-2009

Scale: 1" = 2000'

Date: 04-29-2009



C.O.G.  
 OPERATING LLC

Boone Archaeological Services LLC  
2030 North Canal  
Carlsbad, NM 88220  
Email: BAS@warpdriveonline.com  
Office: 505-885-1352



FAX NUMBER 505-887-7667

**FACSIMILE TRANSMITTAL SHEET**

<b>TO:</b> Teresa Glover Lamar	<b>FROM:</b> Danny / Ann Boone
<b>COMPANY:</b> Gray Specialties	<b>DATE:</b> 5/22/2009
<b>FAX NUMBER:</b> 432-218-7396	<b>TOTAL NO. OF PAGES:</b> 3
<b>PHONE NUMBER:</b> 432-685-9158	<b>SENDER'S REFERENCE NUMBER:</b> BAS 05-09-16
<b>RE:</b> Moose "23" Federal #2H pipeline	<b>YOUR REFERENCE NUMBER:</b>

URGENT  FOR REVIEW  PLEASE COMMENT  PLEASE REPLY

**Notes/Comments:**

The above report will be delivered to the Carlsbad BLM today

Thank you

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BOONE ARCHAEOLOGICAL SERVICES, LLC



May 22, 2009

COG Operating  
Fasken Center Tower II  
550 W Texas Avenue, Suite 1300  
Midland, TX 79701

Attention: Teresa Glover Lamar (Agent)

Re: Moose "23" Federal #2H  
BAS 05-09-16

Dear Teresa;

Research of records at the Bureau of Land Management, Carlsbad Field Office reveals the project for the Moose "23" Federal #2H is located within previous survey 09-0143.1 & 09-0143. George MacDonell, Lead Archaeologist with the Carlsbad Bureau of Land Management was consulted on March 14, 2008 and confirmed no fieldwork is required and archaeological clearance as staked is recommended. A copy of this report will be forwarded to the Carlsbad Bureau of Land Management Archaeologist.

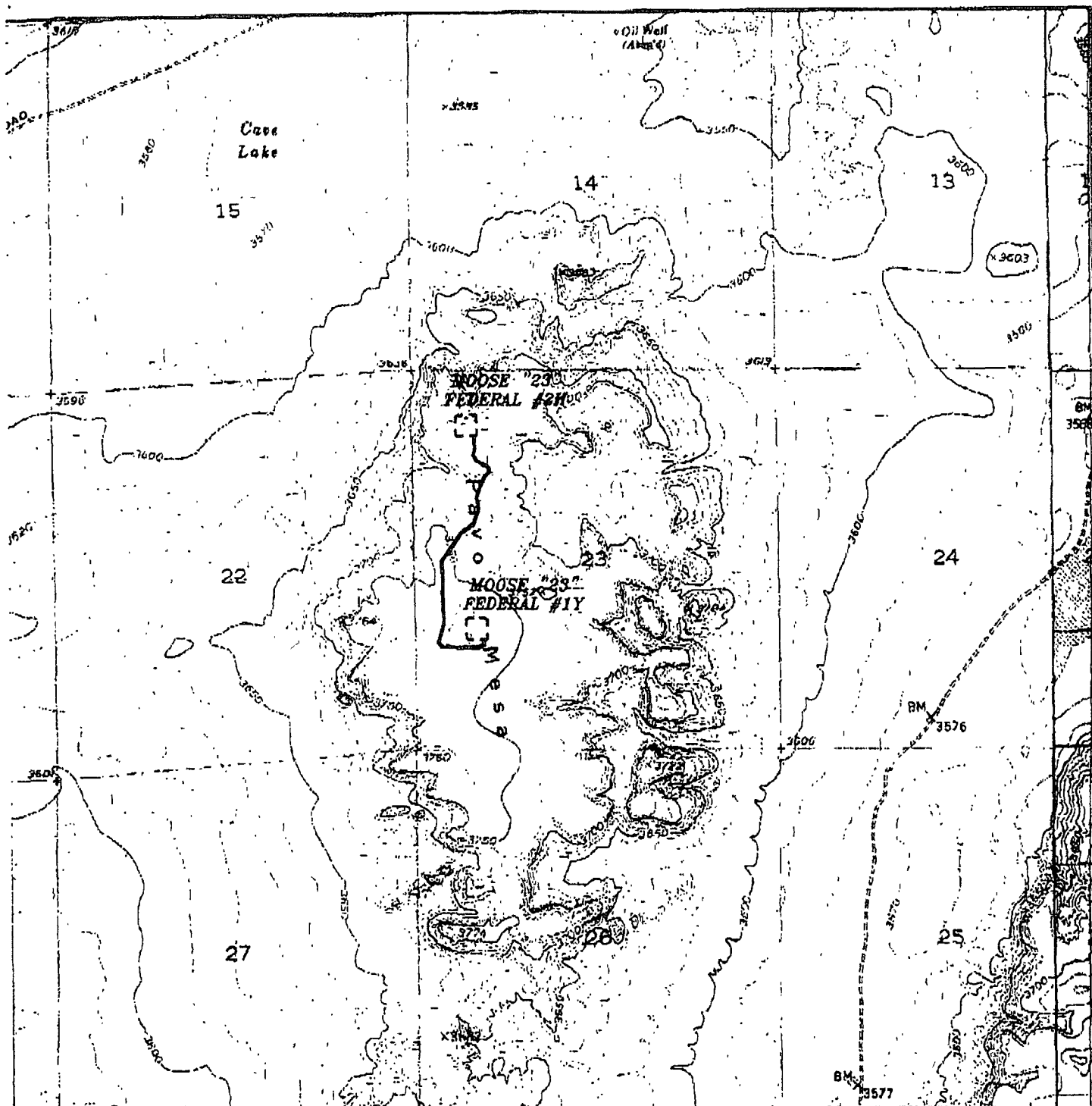
Legal Location: NW¼ NW¼, SW¼ NW¼, NW¼ SW¼ of Section 23, T 16S, R 28E,  
NMPM, Eddy County, New Mexico

Map Reference: USGS 7.5' Series; DIAMOND MOUND, NM (1951) 32104-H2

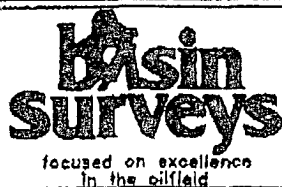
Respectfully,

Danny Boone  
Boone Archaeological Services, LLC  
Principal Investigator / Field Supervisor

Attachments: Survey plat and project map



PROPOSED PIPELINE TO THE MOOSE "23" FEDERAL #2H  
 Section 23, Township 16 South, Range 28 East,  
 N.M.P.M., Eddy County, New Mexico.



P.O. Box 1786  
 1120 N. West County Rd.  
 Hobbs, New Mexico 88241  
 (575) 393-7316 - Office  
 (575) 392-2206 - Fax  
 basinsurveys.com

W.O. Number: JMS 21335

Survey Date: 04-28-2009

Scale: 1" = 2000'

Date: 04-29-2009

C.O.G.  
 OPERATING LLC

BLM LEASE NUMBER: NM 117117

COMPANY NAME: COG Operating

WELL NO. & NAME: Moose 23 Federal #2H

### BURIED PIPELINE STIPULATIONS

A copy of the APD and attachments, including stipulations, survey plat and/or map, will be on location during construction. BLM personnel may request to you a copy of your permit during construction to ensure compliance with all stipulations.

Holder agrees to comply with the following stipulations to the satisfaction of the Authorized Officer:

1. The Holder shall indemnify the United States against any liability for damage to life or property arising from the occupancy or use of public lands under this grant.
2. The Holder shall comply with all applicable Federal laws and regulations existing or hereafter enacted or promulgated. In any event, the holder shall comply with the Toxic Substances Control Act of 1976 as amended, 15 USC 2601 *et seq.* (1982) with regards to any toxic substances that are used, generated by or stored on the right-of-way or on facilities authorized under this right-of-way grant. (See 40 CFR Part 702-799 and especially, provisions on polychlorinated biphenyls, 40 CFR 761.1-761.193.) Additionally, any release of toxic substances (leaks, spills, etc.) in excess of the reportable quantity established by 40 CFR Part 117 shall be reported as required by the Comprehensive Environmental Response, Compensation, and Liability Act, section 102b. A copy of any report required or requested by any Federal agency or State government as a result of a reportable release or spill of any toxic substances shall be furnished to the authorized officer concurrent with the filing of the reports to the involved Federal agency or State government.
3. The holder agrees to indemnify the United States against any liability arising from the release of any hazardous substance or hazardous waste (as these terms are defined in the Comprehensive Environmental Response, Compensation and Liability Act of 1980, 42 U.S.C. 9601, *et seq.* or the Resource Conservation and Recovery Act, 42 U.S.C. 6901, *et seq.*) on the Right-of-Way (unless the release or threatened release is wholly unrelated to the Right-of-Way holder's activity on the Right-of-Way), or resulting from the activity of the Right-of-Way holder on the Right-of-Way. This agreement applies without regard to whether a release is caused by the holder, its agent, or unrelated third parties.
4. If, during any phase of the construction, operation, maintenance, or termination of the pipeline, any oil or other pollutant should be discharged from the pipeline system, impacting Federal lands, the control and total removal, disposal, and cleaning up of such oil or other pollutant, wherever found, shall be the responsibility of holder, regardless of fault. Upon failure of holder to control, dispose of, or clean up such discharge on or affecting Federal lands, or to repair all damages resulting therefrom, on the Federal lands, the Authorized Officer may take such measures as he deems necessary to control and clean up the discharge and restore the area, including where appropriate, the aquatic environment and fish and wildlife habitats, at the full expense of the holder. Such action by the Authorized Officer shall not relieve holder of any responsibility as provided herein.

5. All construction and maintenance activity will be confined to the authorized right-of-way.
6. The pipeline will be buried with a minimum cover of **36** inches between the top of the pipe and ground level.
7. Blading of all vegetation will be allowed. Blading is defined as the complete removal of brush and ground vegetation. Clearing of brush species will be allowed. Clearing defined as the removal of brush while leaving ground vegetation (grasses, weeds, etc.) intact. Clearing is best accomplished by holding the blade 4 to 6 inches above the ground surface. In areas where blading and/or clearing is allowed, maximum width of these operations will not exceed **35** feet.
8. The holder shall minimize disturbance to existing fences and other improvements on public lands. The holder is required to promptly repair improvements to at least their former state. Functional use of these improvements will be maintained at all times. The holder will contact the owner of any improvements prior to disturbing them. When necessary to pass through a fence line, the fence shall be braced on both sides of the passageway prior to cutting of the fence. No permanent gates will be allowed unless approved by the Authorized Officer.
9. Vegetation, soil, and rocks left as a result of construction or maintenance activity will be randomly scattered on this right-of-way and will not be left in row, piles, or berms, unless otherwise approved by the Authorized Officer. A berm will be left over the ditch line to allow for settling back to grade.
10. In those areas where erosion control structures are required to stabilize soil conditions, the holder will install such structures as are suitable for the specific soil conditions being encountered and which are in accordance with sound resource management practices.
11. The holder will reseed. Seeding will be done according to the attached seeding requirements, using the following seed mix.

- |   |   |
|---|---|
| <input type="checkbox"/> seed mixture 1 | <input type="checkbox"/> seed mixture 3 |
| <input type="checkbox"/> seed mixture 2 | <input type="checkbox"/> seed mixture 4 |

12. All above-ground structures not subject to safety requirements shall be painted by the holder to blend with the natural color of the landscape. The paint used shall be color which simulates "Standard Environmental Colors" – **Shale Green**, Munsell Soil Color No. 5Y 4/2.
13. The pipeline will be identified by signs at the point of origin and completion of the right-of-way and at all road crossings. At a minimum, signs will state the holder's name, BLM serial number, and the product being transported. All signs and information thereon will be posted in a permanent, conspicuous manner, and will be maintained in a legible condition for the life of the pipeline.



14. The holder shall not use the pipeline route as a road for purposes other than routine maintenance as determined necessary by the Authorized Officer in consultation with the holder. The holder will take whatever steps are necessary to ensure that the pipeline route is not used as a roadway.

15. Any cultural and/or paleontological resources (historic or prehistoric site or object) discovered by the holder, or any person working on his behalf, on public or Federal land shall be immediately reported to the Authorized Officer. Holder shall suspend all operations in the immediate area of such discovery until written authorization to proceed is issued by the Authorized Officer. An evaluation of the discovery will be made by the Authorized Officer to determine appropriate actions to prevent the loss of significant cultural or scientific values. The holder will be responsible for the cost of evaluation and any decision as to proper mitigation measures will be made by the Authorized Officer after consulting with the holder.

16. Special Stipulations:

This action must be completed within 5 years of the approval of the NEPA document (EA-NM-520-2009-0557) upon which it is tiered. The proposed action must be constructed no later than 05/19/2014. If the proposed action has not been constructed by 05/19/2014, all work must cease and a new application must be submitted to the BLM.