

To: Tom Hauptman (406) 259-2124  
From: Joe Dyk, (970) 858-7546

Federal No. 19-4  
NWNW Section 19-T1S-R103W  
Rio Blanco Co., Colorado  
Completion report

Tuesday, October 23, 2001

Move in and rig up WPI Rig #4. Set anchors. Received 205 joints of 2-3/8" tubing. Tally = 6368'. SDFN.  
Daily cost: \$2,900

Wednesday, October 24, 2001

NU wellhead. Rig up wire line and bond log. Ran CBL-VDL-CCL-GR from 3453' to 2100'. Top of cement is at 2408'. Good bond. Trip in with SN and 111 joints of 2-3/8" tubing. Tail at 3457' KB. Made 1 swab run and SDFN.  
Daily cost: \$10,900  
Cum cost: \$13,800

Thursday, October 25, 2001

Finished swabbing to fluid level of 2400'. Lay down 7 joints of tubing. 104 Hs 162'  
Seat nipple @ 3249' KB. Flange up well head. Rig up wire line and perforate through tubing at 3426' to 3436' (Castlegate) with 2 SPF. Casing pressure built to 110 psi in 30 minutes. Flowed tubing to pit for 2 hours until the water dried up. Tested tubing with 1/2" orifice for 1 hour with 43 psig. Rate = 338 MCFD. Casing pressure = 85 psig. Shut well in at 5:00 PM  
Daily cost: \$6,260  
Cum cost: \$20,060

Friday, October 26, 2001

SITP = 636 psig. SICP = 636 psig. Blow down tubing for 1 hour. Light to medium mist. Casing pressure 65 psig. Shut in well. Will blow tubing periodically to clean up. Will start hook up on Tuesday, October 30, 2001. Rig down and move off rig. Taking bids for nitrogen assist acid job for next week.

Daily cost: \$1,600  
Cum cost: \$21,660

104 Hs tubing total

Federal No. 19-4, Rio Blanco County, Colorado

Thursday, November 1, 2001

SICP = 650 psig. SITP = 650 psig. Rig up Halliburton and acidize well with 1000 gallons 7-1/2% HCl. Displaced with 2 bbls 2% KCl water and 19,694 SCF of nitrogen. Maximum treating pressure = 2300 psi at 2000SCF/Min. Final treating pressure = 1755 psi. Rig down Halliburton and flowed tubing on 1/2" orifice plate for 2 hours. Rate stabilized after 10 minutes at 450 psi on Tubing and 600 psi on casing. Rate = 2,891 MCFD. Shut in at 6:00 PM. Pipeline and hook up will begin on Monday (Nov. 5) and will take 2 weeks.

Daily Cost: \$12,268

Cum Cost: \$33,928

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: July 31, 2010

**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.***

5. Lease Serial No.  
COC-56301

6. If Indian, Allottee or Tribe Name

***SUBMIT IN TRIPLICATE – Other instructions on page 2.***

1. Type of Well

☐ Oil Well    ☒ Gas Well    ☐ Other

2. Name of Operator  
Lone Mountain Production Company

3a. Address  
PO Box 80965, Billings, Montana 59108

3b. Phone No. (include area code)  
406-245-5077

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1162' FNL, 1125' FWL Section 19-T1S-R103W

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
Federal No. 19-4

9. API Well No.  
05-103-10190

10. Field and Pool or Exploratory Area  
Gilsonite Ridge

11. Country or Parish, State  
Rio Blanco, Colorado

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

| TYPE OF SUBMISSION   | TYPE OF ACTION                                |  |  |   |
|--|---|--|--|---|
| <input type="checkbox"/> Notice of Intent                    | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen                      | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report                   | <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat              | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input checked="" type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction            | <input type="checkbox"/> Recomplete                | <input type="checkbox"/> Other _____    |
|  | <input type="checkbox"/> Change Plans         | <input checked="" 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 must 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 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.)

On June 28, 2011 This well was plugged and abandoned as follows:  
Set CIBP on wireline at 3376' and dump bailed 3 sx cement on top.  
Filled 4.5" casing with 9.5 ppg mud and pressure tested to 550 psi for 15 minutes.  
Perfed 4.5" casing at 430' with 4 shots (0.38" EHD).  
Establish circulation with 330 bbls water.  
Pumped 42 sx cement in balanced plug through 2.375" tubing. Wait 3 hours and tag plug at 329'.  
Spot 20 sx cement from 100' to surface through 2.375" tubing.  
Cut off casing head 4' below ground line and pumped 163 sx cement down 9.625" x 4.5" casing annulus. Casing filled to 10' from surface and fell back to 25'.  
Topped annulus full with 42 sx cement. Stayed full. All plugs witnessed by Joe Beck from the Meeker BLM office.  
Weld on marker plate. Reclaimed location. Fed 19-4M well on same well pad.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Joe Dyk

Title Petroleum Engineer

Signature

Date 09/27/2011

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

Approved by

Title

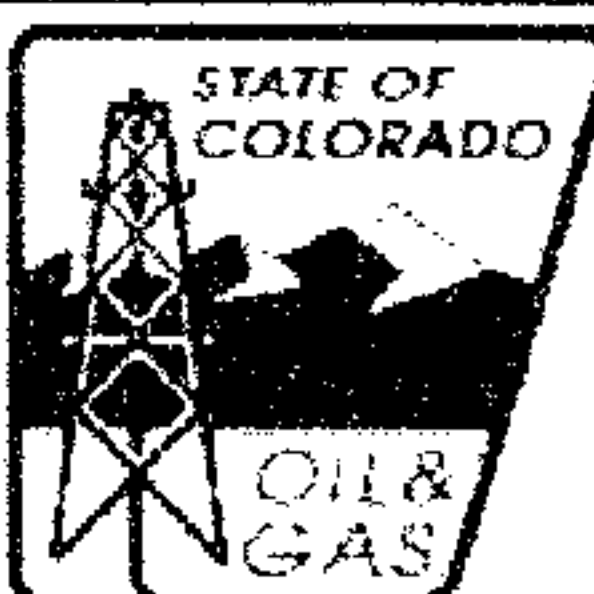
Date

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

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.



|  |  |                               |  |  |                     |                         |            |        |
|--|--|-------------------------------|--|--|---------------------|-------------------------|------------|--------|
| <b>FORM</b><br><b>6</b><br>Rev<br>02/11  | <b>State of Colorado</b><br><b>Oil and Gas Conservation Commission</b><br>1120 Lincoln Street, Suite 801, Denver, Colorado 80205 Phone: (303) 894-2100 Fax: (303) 894-2109 |                               |  | DE   | ET                  | OE                      | ES         |        |
|  |  |                               |  | Date Received:                                 |                     |                         |            |        |
| <b>WELL ABANDONMENT REPORT</b>   |  |                               |  | Document Number:                               |                     |                         |            |        |
| <p>This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set.</p> <p>A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.</p> |  |                               |  |  |                     |                         |            |        |
| OGCC Operator Number: 51090  |  |                               |  | Contact Name: Joe Dyk                          |                     |                         |            |        |
| Name of Operator: Lone Mountain Production Company   |  |                               |  | Phone: (970) 858-7546                          |                     |                         |            |        |
| Address: PO Box 80965  |  |                               |  | Fax: (970) 858-4163                            |                     |                         |            |        |
| City: Billings State: MT Zip: 59108  |  |                               |  | Email: joevdyk@aol.com                         |                     |                         |            |        |
| <div>For Intent 24 hour notice required, Name: _____ Tel: _____</div> <div>COGCC contact: _____ Email: _____</div>   |  |                               |  |  |                     |                         |            |        |
| API Number 05-103-10190—   |  |                               |  |  |                     |                         |            |        |
| Well Name: Federal   |  |                               |  | Well Number: 19-4                              |                     |                         |            |        |
| Location: QtrQtr: NWNW   |  | Section: 19                   |  | Township: 1S                                   |                     | Range: 103W Meridian: 6 |            |        |
| County: Rio Blanco   |  |                               |  | Federal, Indian or State Lease Number: Federal |                     |                         |            |        |
| Field Name: Gilsonite ridge  |  |                               |  | Field Number: _____                            |                     |                         |            |        |
| <div><input type="checkbox"/> Notice of Intent to Abandon</div> <div><input checked="" type="checkbox"/> Subsequent Report of Abandonment</div>  |  |                               |  |  |                     |                         |            |        |
| <b>Only Complete the Following Background Information for Intent to Abandon</b>  |  |                               |  |  |                     |                         |            |        |
| Latitude: 39.95077 N   |  |                               |  | Longitude: 109.00366 W                         |                     |                         |            |        |
| GPS Data:  |  |                               |  |  |                     |                         |            |        |
| Data of Measurement: 5/26/2011   |  | PDOP Reading: 1.9             |  | GPS Instrument Operator's Name: Joe Dyk        |                     |                         |            |        |
| Reason for Abandonment: <input type="checkbox"/> Dry <input checked="" type="checkbox"/> Production for Sub-economic <input type="checkbox"/> Mechanical Problems  |  |                               |  |  |                     |                         |            |        |
| <input type="checkbox"/> Other _____   |  |                               |  |  |                     |                         |            |        |
| Casing to be pulled: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No   |  | Top of Casing Cement: 1030    |  |  |                     |                         |            |        |
| Fish in Hole: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | If yes, explain details below |  |  |                     |                         |            |        |
| Wellbore has Uncemented Casing leaks: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  |  | If yes, explain details below |  |  |                     |                         |            |        |
| Details: _____   |  |                               |  |  |                     |                         |            |        |
| <b>Current and Previously Abandoned Zones</b>  |  |                               |  |  |                     |                         |            |        |
| Formation  | Code   | Perf. Top                     | Perf. Btm  | Date   | Method of Isolation | Plug Depth              |            |        |
| Castlegate   |  | 3426                          | 3436   | 06/28/2011                                     | CIBP w/ 3sx cmt     | 3376                    |            |        |
| Total: 0 zone(s)   |  |                               |  |  |                     |                         |            |        |
| <b>Casing History</b>  |  |                               |  |  |                     |                         |            |        |
| Casing Type  | Size of Hole   | Size of Casing                | Weight Per Foot  | Setting Depth                                  | Sacks Cement        | Cement Bot              | Cement Top | Status |
| Surface  | 12.25  | 9.625                         | 36   | 380  | 270                 | 380                     | 0          |        |
| Production   | 8.75   | 4.5                           | 10.5   | 3523   | 220                 | 3523                    | 1030       |        |

Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3376 with 3 sacks cmt on top. CIPB #2: Depth with sacks cmt on top.  
CIBP #3: Depth with sacks cmt on top. CIPB #4: Depth with sacks cmt on top.  
CIBP #5: Depth with sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 42 sks cmt from 430 ft. to 329 ft. in Plug Type: balanced Plug Tagged: ☒  
Set 20 sks cmt from 100 ft. to 0 ft. in Plug Type: balanced Plug Tagged: ☒  
Set 205 sks cmt from 100 ft. to 0 ft. in Plug Type: 1" back side Plug Tagged: ☒  
Set sks cmt from ft. to ft. in Plug Type: Plug Tagged: ☐  
Set sks cmt from ft. to ft. in Plug Type: Plug Tagged: ☐

Perforate and squeeze at 430 ft. with 42 sacks. Leave at least 100 ft. in casing CIGR Depth  
Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CIGR Depth  
Perforate and squeeze at ft. with sacks. Leave at least 100 ft. in casing CIGR Depth  
(Cast Iron Cement Retainer Depth)

Set sacks half in. half out surface casing from 430 ft. to 329 ft. Plug Tagged: ☒  
Set 205 sacks at surface  
Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker: ☐ Yes ☒ No  
Set done sacks in rat hole Set done sacks in mouse hole

Additional Plugging Information for Subsequent Report Only

Casing Recovered: 0 ft. of inch casing Plugging Date: 06/30/2011  
\*Wireline Contractor: Rocky Mountain Wireline \*Cementing Contractor: Pro Petro  
Type of Cement and Additives Used: Class G + 2% CaCl  
Flowline/Pipeline has been abandoned per Rule 1103 ☒ Yes ☐ No \*ATTACH JOB SUMMARY  
Provide Technical Detail:

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.  
Signed: Joe Dyk Print Name: Joe Dyk  
Title: Petroleum Engineer Date: 09/27/2011 Email: joevdyk@aol.com

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with COGCC Rules and applicable orders and is hereby approved.  
COGCC Approved: Date:

CONDITIONS OF APPROVAL, IF ANY:

Attachment Check List

| Att Doc Num | Name |
|-------------|------|
|             |      |
|             |      |

Lone Mountain Production Company  
Federal No. 19-4  
NWNW Section 19-T1S-R103W  
Rio Blanco County, Colorado  
Plugging report

June 28, 2011

SICP = 0 psi. MIRU Hayes well service rig. NU BOP. RU RMWS wireline and set 4-1/2" CIBP at 3376' Dump bail 3 sx cement on top. Fill 4-1/2" csg with 9.5 ppg mud. Pressure test casing to 550 psi for 15 minutes. Perf at 430 w/ 4 shots (0.38" EHD). Pumped 240 bbls water down 4-1/2" casing. No circulation to surface. SDFN  
Daily cost: \$15,300

June 29, 2011

Pump 80 bbls water. No circulation. Trip in w/ 13 jts 2-3/8" tbg and pump 42 sx 15.8 ppg cement with 2% CaCl and celloflake in balanced plug. Trip out tbg. WO cement 3 hours. Tagged cement at 329' inside 4.5" csg. Pumped 20 sx same slurry from 100' to surface inside 4.5" csg. SDFN.  
Daily cost: \$5,834  
Cum Cost: \$21,134

June 30, 2011

Cut off csg head and pump 163 sx cement same slurry + 4%CaCl. Filed to 10' from surface fell back to 25 feet. WOC 1.5 hrs and topped off with 42 sx. Stayed full. All plugs witnessed by Joe Beck BLM Meeker. Weld on marker plate. Rig down and Move off. Back filled pits and dry hole. Reclamation complete.  
Daily cost: \$17,500  
Cum Cost: \$38,634



Colorado  
vation Commission

1120 Lincoln Street, Suite 801, Denver Colorado 80203 (303) 894-2100 Fax (303) 894-2109

## WELL ABANDONMENT REPORT

Submit original plus one copy. This form is to be submitted as an intent whenever a plugging is planned on a borehole. The approved intent shall be valid for twelve months after the approval date after that period a new intent will be required. After the plugging is complete, this form and one copy shall again be submitted as a subsequent report of the work as actually completed.

RECEIVED

OCT 07 2010

COGCC

COGCC Operator Number: 51090

Name of Operator: Lone Mountain Production Company

Address: P. O. Box 80965

City: Billings State: MT Zip: 59108

Contact Name &amp; Telephone

Joe Dyk

No: 970-858-7546

Fax: 970-858-4163

24 hour notice required,

contact:

Joe Dyk / Mike Longworth  
Tel: 970-250-9770 970-243-1183

API Number 103-10190

Well Name: Federal

Well Number: 19-4

Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW Section 19: T1S-R103W, 6th P. M.

County: Rio Blanco

Federal, Indian or State Lease Number: COC-56301

Field Name: Gilsonite Draw

Field Number:

Complete the  
Attachment Checklist

Oper OGCC

|                      |  |  |
|----------------------|--|--|
| Wellbore Diagram     |  |  |
| Cement Job Summary   |  |  |
| Wireline Job Summary |  |  |
|                      |  |  |
|                      |  |  |
|                      |  |  |

☒ Notice of Intent to Abandon☐ Subsequent Report of Abandonment

## Only Complete the Following Background Information for Intent to Abandon

Latitude: 39.9625

Longitude: 109.00611

GPS Data:

Date of Measurement: 7/2/2006

PDOP Reading: 1.8

Instrument Operator's Name: Joe Dyk

Reason for Abandonment:

☐ Dry☒ Production Sub-economic☐ Mechanical Problems☐ Other

Casing to be Pulled:

☐ Yes☐ No

Top of Casing Cement:

Fish in Hole:

☐ Yes☐ No

If yes, explain details below

Wellbore has Uncemented Casing Leaks:

☐ Yes☒ No

If yes, explain details below

Details:

## Current and Previously Abandoned Zones

| Formation      | Perforations - Top | Perforations - Bottom | Date Abandoned | Method of Isolation<br>(None, Squeezed, BP, Cement, etc.) | Plug Depth |
|----------------|--------------------|-----------------------|----------------|---|------------|
| None CASLEGATE | 3426               | 3436                  |                |   |            |
|                |                    |                       |                |   |            |
|                |                    |                       |                |   |            |
|                |                    |                       |                |   |            |

## Casing History

| String  | Size of Hole | Size of Casing | Weight per ft | Setting Depth | Sacks Cement | Cement Bottom | Cement Top  |
|---------|--------------|----------------|---------------|---------------|--------------|---------------|-------------|
| surface | 12-1/4"      | 9-5/8"         | 36# J-55      | 368' GL       | 270          | 368'          | stc         |
| first   | 8-3/4"       | 4-1/2"         | 10.5#         | 3523' KB      | 220          | 3523'         | 3520' 2410' |
|         |              |                |               |               |              |               | 1030'       |
|         |              |                |               |               |              |               |             |

## Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 3376'

with 2

sacks cmt on top. CIBP #2: Depth

with

sacks cmt on top.

NOTE: Two (2) sacks cement required on all CIBPs.

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in

☐ Casing☐ Open Hole☐ Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in

☐ Casing☐ Open Hole☐ Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in

☐ Casing☐ Open Hole☐ Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in

☐ Casing☐ Open Hole☐ Annulus

Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. in

☐ Casing☐ Open Hole☐ Annulus

Perforate and squeeze at \_\_\_\_\_ ft. with 125

sacks

Leave at least 100 ft. in casing

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_

sacks

Leave at least 100 ft. in casing

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_

sacks

Leave at least 100 ft. in casing

Set 125

sacks half in, half out surface casing from 430'

ft. to stc ft.

Set \_\_\_\_\_ sacks at surface included in 125 sxs

Cut four feet below ground level, weld on plate

Dry-Hole Marker: ☐ Yes ☒ No

Set already plugged (rat hole)

Set already plugged (mouse hole)

## Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ in. casing

Plugging date: \_\_\_\_\_

\*Wireline Contractor: \_\_\_\_\_

\*Cementing Contractor: \_\_\_\_\_

Type of Cement and Additives Used: \_\_\_\_\_

\*Attach job summaries.

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: James G. Routson

Email: jimroutson@lonemtnprod.com

Signed: James G. Routson

Title: President

Date: 10/5/2010

OGCC Approved: Draco BTitle: PE

Date: 11/11/10

CONDITIONS OF APPROVAL, IF ANY:

1) Provide 48 hr notice of MIRU to Mike Longworth at 970-243-1183 or e-mail at mike.longworth@state.co.us.2) For 430' plug: perforate casing, pump plug and displace, shut-in, WOC 4 hours and tag plug. Leave at least 100' cement in the casing for each plug. 3.) Submit plugged wellbore diagram with Subsequent Report of Abandonment. 4). LONGITUDE READING NOT IN SECTION - PLEASE CORRECT & SUBMIT w/ SUBSEQUENT REPORT OF ABANDONMENT.



This form is to be submitted within 30 days of a well's completion. If the well is deepened or sidetracked, a new Form 5 is required. If an attempt has been made to complete/produce a well, then the operator shall submit Form 5A (Completed Interval Report). If the well has been plugged, submit Form 6 (Well Abandonment Report).

|  |  |
|--|--|
| 1. OGCC Operator Number: <u>51090</u>                    | 4. Contact Name and Telephone<br><u>James G. Routson</u> |
| 2. Name of Operator: <u>Lone Mountain Production Co.</u> | No: <u>(406) 245-5077</u>                                |
| 3. Address: <u>P. O. Box 3394</u>                        | Fax: <u>(406) 248-6321</u>                               |
| City: <u>Billings</u> State: <u>MT</u> Zip: <u>59103</u> |  |

## Complete the Attachment Checklist

|   |  |   |  |
|---|--|---|--|
| 5. API Number: <u>05-103-10190</u>  |  | 6. County: <u>Rio Blanco</u>  |  |
| 7. Well Name: <u>Federal</u>  |  | Well Number: <u>19-4</u>  |  |
| 8. Location (QtrQtr, Sec, Twp, Rng, Meridian): <u>NWNW Section 19: T1S-R103W, 6th P.M.</u>  |  |   |  |
| Footage at Surface: <u>1162' FNL, 1125' FWL</u>   |  | 9. Was a directional survey run? <input checked="" type="checkbox"/> Y <input type="checkbox"/> N |  |
| If directional, footage at Top of Prod. Zone: _____   |  |   |  |
| If directional, footage at Bottom Hole: _____   |  |   |  |
| 10. Field Name: <u>Gilsonite Ridge</u>  |  | Field Number: _____   |  |
| 11. Federal, Indian or State Lease Number: <u>COC-56301</u>   |  |   |  |
| 12. Spud Date<br><u>10/2/01</u>   |  | 13. Date TD<br><u>10/13/01</u>  |  |
| 14. Date Completed or D&A<br><u>11/1/01</u>   |  |   |  |
| 16. Total Depth<br>MD <u>3523'</u> TVD <u>3523'</u>   |  | 17. Plug Back Total<br>MD <u>3456'</u> TVD <u>3456'</u>   |  |
| 18. Was a Mud Log Run? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No<br>** One copy of all electric and mud logs must be submitted.** |  | 19. Elevations<br>GR <u>6514'</u> KB <u>6524'</u>   |  |
| 20. List Electric Logs Run: <u>GR-FDC-CNL, SP-DIL, CBL</u>  |  |   |  |

|                            | Oper | OGCC |
|----------------------------|------|------|
| Survey Plat                |      |      |
| Directional Survey         | X    |      |
| Surface Equipment Diagram  |      |      |
| Technical Information Page |      |      |
| Other CBL                  |      | X    |
| GR-FDC-CNL                 |      | X    |
| SP-DTL                     |      | X    |

## 15. Well Classification

☐ Dry                      ☐ Oil                      ☒ Gas

☐ Coalbed

☐ Stratigraphic                      ☐ Disposal

☐ Enhanced Recovery

☐ Gas Storage                      ☐ Observation

☐ Other:

Submit contractor's cement job summary for each string cemented.

| String       | Hole Size | Csg/Liner Size | Csg/Liner Wt (Lbs.) | Csg/Liner Top | Csg/Tool Setting Depth | No. of Sacks | Cement Interval |        | Identify Method                     |                                   |
|--------------|-----------|----------------|---------------------|---------------|------------------------|--------------|-----------------|--------|-------------------------------------|-----------------------------------|
|              |           |                |                     |               |                        |              | Top             | Bottom | CBL                                 | Calc                              |
| surface      | 12-1/4"   | 9-5/8"         | 36#J-55             | -0-           | 368' GL                | 270          | sfc             | 368'   | <input type="checkbox"/>            | observed <input type="checkbox"/> |
| first        | 8-3/4"    | 4-1/2"         | 10.5#               | -0-           | 3523' KB               | 220          | 2410'           | 3523'  | <input checked="" type="checkbox"/> | <input type="checkbox"/>          |
| Stage Cement |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              | /         | /              |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
| Stage Cement |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              | /         | /              |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
| Stage Cement |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              |           |                |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              | /         | /              |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |
|              | /         | /              |                     |               |                        |              |                 |        | <input type="checkbox"/>            | <input type="checkbox"/>          |

## 22.

[illegible]

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

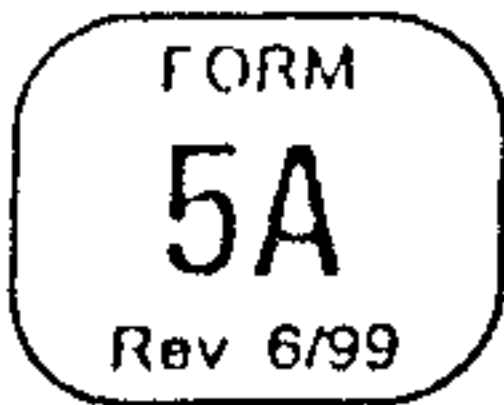
Print Name: James G. Routson

Signed:

Title: President

Date: 11/28/01



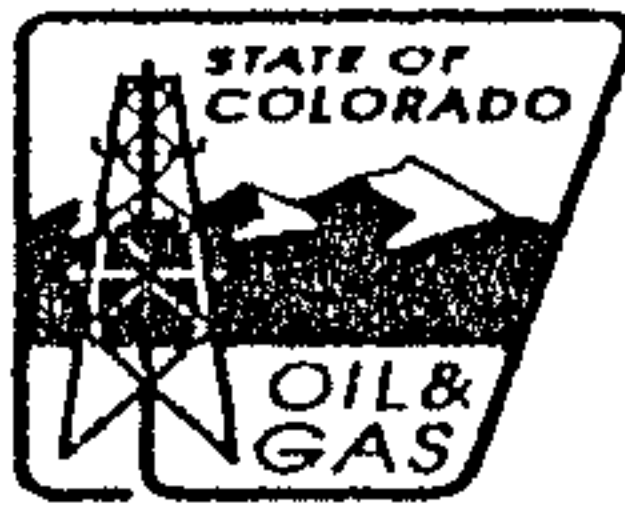


TIGHT HOLE

TIGHT HOLE

State of Colorado  
Oil and Gas Conservation Commission

1120 Lincoln Street, Suite 801, Denver, Colorado 80203 (303) 894-2100 Fax (303) 894-2109



FOR OGCC USE ONLY

COMPLETED INTERVAL REPORT

This form is to be submitted or updated each time a new formation is completed or abandoned. This form shall be transmitted within 30 days of work. Additional information is found under Rule 308. Fill out a section for each formation completed or recompleted including all attempted completions. Attach as many pages as required to fully describe the work.

Complete the  
Attachment Checklist

1. OGCC Operator Number: 51090  
2. Name of Operator: Lone Mountain Production Co.  
3. Address: P. O. Box 3394  
City: Billings State: MT Zip: 59103  
4. Contact Name and Telephone  
James G. Routson  
No: (406) 245-0577  
Fax: (406) 248-6321

|                       | Oper | OGCC |
|-----------------------|------|------|
| Wellbore diagram      |      |      |
| Site Facility Diagram |      |      |
|                       |      |      |
|                       |      |      |
|                       |      |      |

5. API Number: 05-103-10190 6. County: Rio Blanco  
7. Well Name: Federal Well Number: 19-4  
8. Location (QtrQtr, Sec, Twp, Rng, Meridian): NWNW Section 19: T1S-R103W, 6th P.M.

List in order of completion:

|   |   |                                    |                                  |   |
|---|---|------------------------------------|----------------------------------|---|
| FORMATION:  | <input checked="" type="checkbox"/> Producing | <input type="checkbox"/> Abandoned | <input type="checkbox"/> Shut-In | <input type="checkbox"/> Commingled                             |
| Perforations Gross Interval: Top<br><u>3426'</u>                              | Bottom<br><u>3436'</u>                        | No. Holes:<br><u>21</u>            | Size:<br><u>.44" EHD</u>         | Open Hole Completion (check if yes)<br><input type="checkbox"/> |
| Formation Treatment Describe:<br><u>1000 gal 7½% HCl, 19,694 SCF Nitrogen</u> |   |                                    |                                  |   |

|   |                                    |  |                                   |                        |
|---|------------------------------------|--|-----------------------------------|------------------------|
| Test Information Date:<br><u>11/1/01</u>  | Hours:<br><u>2</u>                 | Bbls Oil:  | MCF Gas:<br><u>241</u>            | Bbls H <sub>2</sub> O: |
| Production Test Method:<br><u>flowing</u>   | Casing Pressure:<br><u>600 psi</u> | Flowing Tubing Pressure:<br><u>450 psi</u>   | Choke Size:<br><u>1/2"</u>        |                        |
| API Gravity Oil:<br><input type="checkbox"/> Oil<br><input type="checkbox"/> Condensate | BTU Gas:<br><u>1148</u>            | <input checked="" type="checkbox"/> Wet <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> Helium<br><input type="checkbox"/> Dry <input type="checkbox"/> Coal Gas <input type="checkbox"/> Other: | Gas Disposition:<br><u>vented</u> |                        |
| Calculated 24 Hr. Rate  | Bbls Oil:                          | MCF Gas:<br><u>2891</u>  | Bbls H <sub>2</sub> O:            | GOR:                   |
| Production Method:<br><u>flowing</u>  |                                    |  |                                   |                        |
| Tubing Size:<br><u>2-3/8"</u>   | Setting Depth:<br><u>3457'</u>     | Packer Depth:<br><u>none</u>   |                                   |                        |
| Reason for Non-Production:  |                                    |  |                                   |                        |
| Abandonment of Zone   | Date:                              | Squeezed:<br><input type="checkbox"/> Y <input type="checkbox"/> N   | Sacks Cement:                     |                        |
| Bridge Plug Depth:  | Sacks Cement on Top:               |  |                                   |                        |

|                                  |                                    |                                    |                                  |   |
|----------------------------------|------------------------------------|------------------------------------|----------------------------------|---|
| FORMATION:                       | <input type="checkbox"/> Producing | <input type="checkbox"/> Abandoned | <input type="checkbox"/> Shut-In | <input type="checkbox"/> Commingled                             |
| Perforations Gross Interval: Top | Bottom                             | No. Holes:                         | Size:                            | Open Hole Completion (check if yes)<br><input type="checkbox"/> |
| Formation Treatment Describe:    |                                    |                                    |                                  |   |

|   |                      |   |                        |                        |
|---|----------------------|---|------------------------|------------------------|
| Test Information Date:  | Hours:               | Bbls Oil:   | MCF Gas:               | Bbls H <sub>2</sub> O: |
| Production Test Method:   | Casing Pressure:     | Flowing Tubing Pressure:  | Choke Size:            |                        |
| API Gravity Oil:<br><input type="checkbox"/> Oil<br><input type="checkbox"/> Condensate | BTU Gas:             | <input type="checkbox"/> Wet <input type="checkbox"/> CO <sub>2</sub> <input type="checkbox"/> Helium<br><input type="checkbox"/> Dry <input type="checkbox"/> Coal Gas <input type="checkbox"/> Other: | Gas Disposition:       |                        |
| Calculated 24 Hr. Rate  | Bbls Oil:            | MCF Gas:  | Bbls H <sub>2</sub> O: | GOR:                   |
| Production Method:  |                      |   |                        |                        |
| Tubing Size:  | Setting Depth:       | Packer Depth:   |                        |                        |
| Reason for Non-Production:  |                      |   |                        |                        |
| Abandonment of Zone   | Date:                | Squeezed:<br><input type="checkbox"/> Y <input type="checkbox"/> N  | Sacks Cement:          |                        |
| Bridge Plug Depth:  | Sacks Cement on Top: |   |                        |                        |

I hereby certify that the statements made in this form are, to the best of my knowledge, true, correct, and complete.

Print Name: James G. Routson

Signed: James G. Routson

Title: President

Date: 11/28/01