

Worked on Thursday, 10/12/2017

## MARALEX RESOURCES

INC

P.O. Box 338  
Ignacio, CO 81137



P.O. Box 1979, Farmington, NM 87499  
(505) 325-2627

Name: South Shale Ridge 5-21  
API:05-077-08611, Rig #01

## Well Plugging Report

### Cement Summary

P #1 - M & P 12 sks 14.16 cf 15.5 PPG Class B Cmt from 3905' to 3753' TOC.

### Work Detail

| Start    | Stop     | PUX | Activity  |
|----------|----------|-----|---|
| 06:30 AM | 08:00 AM | P   | Travel to Location.   |
| 08:00 AM | 08:30 AM | P   | Service and start equipment, RU pump and Cmt equipment.   |
| 08:30 AM | 09:30 AM | P   | Wait on rig crew TIH, Set A Plus 4.5" CR at 3905', RU pump to Tbg PT tbg to 100 PSI, release off CR Pump and est circulation w/ 40 BBL pump total 110 BBL, Attempt PT csg NO TEST pump and est rate of 2.5 BBL a min at 400 PSI.  |
| 09:30 AM | 10:00 AM | P   | P #1 M & P 12 sks 14.16 cf 15.5 PPG Class B Cmt from 3905' to 3753' TOC.  |
| 10:00 AM | 02:30 PM | P   | WOC wait on rig crew tag TOC at 3775' RU pump to to tbg pump est circulation w/ 20 BBL Attempt PT csg est same rate of 2.5 BBL a min at 400 PSI. W.O.D. from BLM, OK to move to next plug #2 but if no csg test above Plug #2 CR have to search for holes w/ packer. Will Perferate in A.M. SDFD. |
| 02:30 PM | 03:30 PM | P   | Travel to hotel.  |

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

### Crew:

| Title       | Name             | Hours | Vehicle      |
|-------------|------------------|-------|--------------|
| Derrick:    | Alcon, Joey      | 9.00  |              |
| Operator:   | Sanchez, Oscar   | 9.00  |              |
| Supervisor: | Comanche, Dereck | 9.00  | 60 - Crew PU |

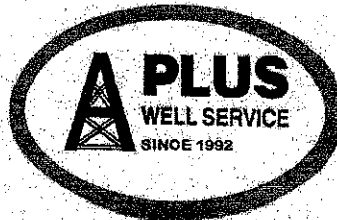
### On Site Reps:

| Name              | Association | Notes              |
|-------------------|-------------|--------------------|
| Jennifer Robinson | BLM         | On Loc.            |
| Jim Graves        | Co. Rep.    | W/ Maralex on Loc. |

### Equipment:

#645 Igr. - WASTE PITS

Worked on Friday, 10/13/2017



**MARALEX RESOURCES  
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Ignacio, CO 81137

P.O. Box 1979, Farmington, NM 87499  
(505) 825-2627

Name: South Shale Ridge 5-21  
API:05-077-08611, Rig #01

**Well Plugging Report**

**Cement Summary**

P #2 - M & P 37 sks 43.66 cf 15.4 ppg Class B Cmt. from 1600' to 1379' TOC. 20 out 5 below 12 above.

**Work Detail**

| Start    | Stop     | PUX | Activity   |
|----------|----------|-----|--|
| 06:30 AM | 08:00 AM | P   | Travel to Location.  |
| 08:00 AM | 08:30 PM | P   | HSM on JSA, service and start equipment.   |
| 08:30 AM | 10:00 AM | P   | RMWL perf. 4 HSC holes at 1600', wait on rig crew to TIH, set A Plus 4.5" CR at 1541', pump and establish circulation out csg valve w/ 20 BBL, attempt establish circulation est. rate of 2.5 BBL at 400 PSI sting into CR est. rate of 3 BBL a min. at 100 PSI, (Jennifer R. w/ BLM ok spot plug #2 WOC need not tag on 10/13/17 at 10:00 AM) |
| 10:00 AM | 10:30 AM | P   | P #2 M & P 37 sks 43.66 cf 15.4 ppg Class B Cmt. from 1600' to 1379' TOC. 20 out 5 below 12 above.   |
| 10:30 AM | 02:30 PM | X   | WOC per cmt. surface sample. @ 2:00 PM load csg w/ 5 BBL attempt PT csg no test attempt rate 3 BBL a min at 100 PSI. Rig crew will attempt look for holes in csg w/ packer secure equipment SDFD.  |
| 02:30 PM | 03:30 PM | P   | travel to hotel.   |

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

**Crew:**

| Title       | Name             | Hours | Vehicle      |
|-------------|------------------|-------|--------------|
| Derrick:    | Alcon, Joey      | 9.00  |              |
| Operator:   | Sanchez, Oscar   | 9.00  |              |
| Supervisor: | Comanche, Dereck | 9.00  | 60 - Crew PU |

**On Site Reps:**

| Name              | Association | Notes              |
|-------------------|-------------|--------------------|
| Jennifer Robinson | BLM         | On loc.            |
| Jim Graves        | Co. Rep.    | W/ Maralex on loc. |

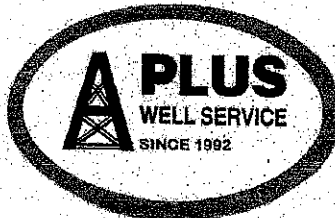
**Equipment:**

#645 lgr. - WASTE PITS

Worked on Saturday, 10/14/2017

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(505) 325-2627

Name: South Shale Ridge 5-21  
API:05-077-08611, Rig #01

**Well Plugging Report**

**Cement Summary**

P #3 - M & P 74 sks w/ 2% cal. chlor. 87.32 cf 15.1 PPG Class B Cmt. from 1429' to 428' TOC. WOC.

P #3A - M & P 32 sks 37.76 cf 15.2 PPG Class B Cmt from 690' to 257' TOC. WOC.

**Work Detail**

| Start    | Stop     | PUX | Activity   |
|----------|----------|-----|--|
| 06:30 AM | 08:00 AM | P   | Travel to location.  |
| 08:00 AM | 08:30 AM | P   | Service and start equipment, HSM on JSA  |
| 08:30 AM | 09:30 AM | X   | Wait on rig get on depth at 1429' (Holes from 1331' to 323' in csg) pump and est circ. w/ 6 bbl premix 2% cal. chor. for 80 sks. |
| 09:30 AM | 10:00 AM | X   | P #3 M & P 74 sks w/ 2% cal. chlor. 87.32 cf 15.1 PPG Class B Cmt. from 1429' to 428' TOC. WOC.                                  |
| 10:00 AM | 02:00 PM | X   | WOC per cmt. sample. Rig tag TOC at 690' reverse circ. clean.  |
| 02:00 PM | 02:30 PM | X   | P #3A M & P 32 sks 37.76 cf 15.2 PPG Class B Cmt from 690' to 257' TOC. WOC.   |
| 02:30 PM | 03:00 PM | P   | Drain up equipment secure. Rig crew will tag and jim graves will call see if need W.L. in A.M. SDFD.                             |

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

**Crew:**

| Title       | Name             | Hours | Vehicle      |
|-------------|------------------|-------|--------------|
| Derrick:    | Alcon, Joey      | 9.50  |              |
| Operator:   | Sanchez, Oscar   | 9.50  |              |
| Supervisor: | Comanche, Dereck | 9.50  | 60 - Crew PU |

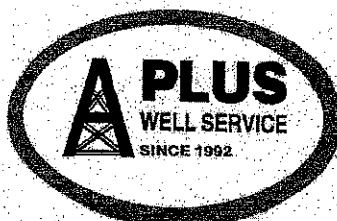
**On Site Reps:**

| Name              | Association | Notes              |
|-------------------|-------------|--------------------|
| Jennifer Robinson | BLM         | On loc.            |
| Jim Graves        | Co. Rep.    | W/ Maralex on loc. |

Worked on Sunday, 10/15/2017

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(505) 526-2627

Name: South Shale Ridge 5-21  
API:05-077-08611, Rig #01

**Well Plugging Report**

**Cement Summary**

P #4 - M & P 136 sks 138.88 cf 15.4 PPG Class B Cmt from 288' to 0' Good cmt returns out BH valve circ. 1.5 BBL cmt. at surface.

**Work Detail**

| Start    | Stop     | PUX | Activity   |
|----------|----------|-----|--|
| 07:00 AM | 10:00 AM | P   | Search for cal. chlor. (A Plus Time) Travel to location. (Maralex time travel)   |
| 10:00 AM | 11:00 AM | P   | Rig crew TIH tag TOC at 392' pump and attempt establish circulation out BH valve csg PT to 750 PSI. Call RMWL for Perfs.       |
| 11:00 AM | 01:00 PM | P   | Wait on W.L.   |
| 01:00 PM | 02:00 PM | P   | RMWL Perf 4 HSC holes at 288'. Pump and establish circulation w/ 28 BBL circ. clean.   |
| 02:00 PM | 03:00 PM | P   | P #4 M & P 136 sks 138.88 cf 15.4 PPG Class B Cmt from 288' to 0' Good cmt returns out BH valve circ. 1.5 BBL cmt. at surface. |
| 03:00 PM | 04:30 PM | P   | Drain pump, RD pump cmt. equipment, Road equipment to next location. Secure SDFD.  |
| 04:30 PM | 05:30 PM | X   | travel to hotel.   |

\* P - Procedure Planned; U - Unplanned A+ issue; X - COA, Well Conditions

**Crew:**

| Title       | Name             | Hours | Vehicle      |
|-------------|------------------|-------|--------------|
| Derrick:    | Alcon, Joey      | 10.50 |              |
| Operator:   | Sanchez, Oscar   | 10.50 |              |
| Supervisor: | Comanche, Dereck | 10.50 | 60 - Crew PU |

**On Site Reps:**

| Name              | Association | Notes              |
|-------------------|-------------|--------------------|
| Jennifer Robinson | BLM         | On loc.            |
| Jim Graves        | Co. Rep.    | W/ Maralex on loc. |