

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.

NM SF 0081226

1a. Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry ☐ Other  
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Different

Other:

2. Name of Operator BOLACK MINERALS COMPANY

Bureau of Land Management  
Farmington Field Office

3. Address 3901 Bloomfield Highway, Farmington, NM 87401 3a. Phone No. (include area code) 505-325-4275

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1935' FSL and 806' FEL, Section 3, T-30-N, R-16-W, N.M.P.M.

At top prod interval reported below Same

At total depth Same

14. Date Spudded November 8, 2006

15. Date T.D. Reached January 17, 2007

16. Date Completed ☒ D & A ☐ Ready to Prod17. Elevations (DF, RKB, RT, GL)\*  
5,714' KB18. Total Depth: MD 9329'  
TVD19. Plug Back T.D.: MD 8715'  
TVD20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Copies already submitted

22. Was well cored? ☐ No ☒ Yes (Submit analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8"	36#	Surface	521'	N/A	275 5x "B"	57.8	Surface	
8 3/4"	7"	23#	Surface	5386'	3440	1125 5x "C"	360.0	Surface	
6 1/2"	4 1/2"	11.6#	5182'	8938'	N/A	640 5x "C"	244.0	5182'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Leadville	8650'	8879'	8662' to 8666'	0.38"	76	
B)			8668' to 8672'			
C)			8765' to 8775'			
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5-29-07	Set CIBP @ 8715'
5-31-07	Set CIBP @ 8647'
6-8-07	Cap CIBP w/cmt TOC @ 8585'

RCVD DEC 6 '07

OIL CONS. DIV.

DIST. 3

28. Production - Interval A 8765' - 8775'

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-25	5-25	16	→	TSTM	0	299	N/A	N/A	SWAB/FLOW
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	310	N/A	→	0	0	720			

28a. Production - Interval B 8662' - 8672'

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5-30	5-30	6	→	0	0	75	N/A	N/A	SWAB
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	0	0	→	0	0	300	N/A		

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OCT 31 2007

\*(See instructions and spaces for additional data on page 2)

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FARMINGTON FIELD OFFICE

## 28b Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

If any, vented while completion operations were conducted.

30. Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

See attached sheet entitled  
"Formation Electric Log Tops"

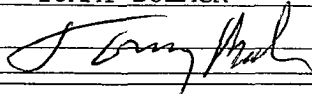
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
			SEE INFORMATION CONTAINED HEREIN AND ATTACHED HERETO		

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☒ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) TOMMY BOLACKTitle GENERAL PARTNERSignature Date October 30, 2007

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 3)

(Form 3160-4, page 2)

## FORMATION ELECTRIC LOG TOPS

SYSTEM	FORMATION	LOG TOP Drill Depth	DATUM ELEV'N. 5,714' KB	
Cretaceous	Point Lookout Sand	ground	5,700	All Depths in Feet
Orogenies				
	Mancos Shale	400	5,314	
	Tocito/Gallup Sand	1,565	4,149	
	Sanostee Calcareous Sand	1,750	3,964	
	Greenhorn Limestone	2,090	3,624	
	Graneros Shale	2,150	3,564	
K/1	Dakota Sand	2,210	3,504	
Jurassic J-5	Morrison Shale/Sand	2,405	3,309	
	Bluff Sand	3,260	2,454	
	Summerville Shale	3,325	2,389	
	Todilto Limestone	3,400	2,314	
J-2	Entrada Sand	3,440	2,274	
Triassic	Chinle Shale/Sand	3,550	2,164	
TR-3	Shinarump Sand	4,860	854	
	Moenkopi Shale	4,892	822	
<u>Ancestral Rockies (Uncompaghre)</u>				
Pernian	DeChelly Sand	4,990	724	
	Cutler Sand/Shale	5,222	492	
<u>Ancestral Rockies</u>				
Pennsylvanian				
	Honaker Trail/Limestone	6,720	-1,006	
	Boundary Butte	7,560	-1,846	
H	P	S		
e	G	a	Ismay/Limestone	7,600
r	r	a	Desert Creek/Limestone	7,710
m	o	a	Akah/Limestone	7,820
o	u	e	Barker Creek/Limestone	7,940
s	p	s	Alkali Gulch/Limestone	8,200
a	x			
			Pinkerton Trail/Limestone	8,300
			Molas Shale	8,610
<u>Antler</u>				
Mississippian	Leadville/Limestone	8,650	-2,936	
<hr/>				
Devonian	Ouray/Limestone	8,880	-3,166	
	Elbert Shale/Dolostone	8,935	-3,221	
	McCracken Sand	9,075	-3,361	
	Aneth Dolostone	9,166	-3,452	
<hr/>				
Precambrian	Andesite	9,295	-3,581	
	TOTAL DEPTH	9,329	-3,615	

## CONFIDENTIAL - TIGHT HOLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

a. Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry ☐ Other  
b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.  
Other: \_\_\_\_\_

RECEIVED

OCT 30 2007

2. Name of Operator BOLACK MINERALS COMPANY

Bureau of Land Management

3. Address 3901 Bloomfield Highway, Farmington, NM 87401

3a. Phone No. (Incl. Area Code) 505-325-4275

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1935' FSL and 860' FEL, Section 3, T-30-N, R-16-W, N.M.P.M.

At top prod. interval reported below Same

At total depth Same

14. Date Spudded November 8, 2006

15. Date T.D. Reached January 17, 2007

16. Date Completed ☒ D & A ☐ Ready to Prod

17. Elevations (DF, RKB, RT, GL)\* 5,714' KB

18. Total Depth MD 9329' TVD

19. Plug Back T.D.: MD 8715' TVD

20. Depth Bridge Plug Set: MD TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Copies already submitted

22. Was well cored? ☐ No ☒ Yes (Submit analysis) 9306' to 9329' (no analysis)  
Was DST run? ☒ No ☐ Yes (Submit report)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12 1/4"	9 5/8"	36#	Surface	521'	N/A	275 5x "B"	57.8	Surface	
8 3/4"	7"	23#	Surface	5386'	3440'	1125 5x "C"	360.0	Surface	
6 1/2"	4 1/2"	11.6#	5182'	8934'	N/A	640 5x "C"	244.0	5182'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Pinkerton Trail	8300'	8609'	8410' to 8418', 8600' to 8606'	0.38"	56	
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
8600' - 06'	6-4-07 1000 Gal 15% Hcl.
8410' - 18'	6-11-07 1000 Gal 15% Hcl.
	6-8-07 Set CIBP @ 8550'
	6-13-07 Set CIBP @ 8390' x Cap w/ cmt TOC @ 8332'

RCVD DEC 6 '07  
OIL CONS. DIV.  
DIST. 3

28. Production - Interval A 8600' - 8606'

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-5	6-7	5	→	0	0	52	N/A	N/A	SWAB
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	0	0	→	0	0	250	N/A		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-9	6-9	8.5	→	0	0	89	N/A	N/A	SWAB
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	0	0	→	0	0	251	N/A		

\*(See instructions and spaces for additional data on page 2)

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## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

If any, vented while completion operations were conducted.

30. Summary of Porous Zones (Include Aquifers).

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

See attached sheet entitled  
"Formation Electric Log Tops"

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas Depth
SEE INFORMATION CONTAINED HEREIN AND ATTACHED HERETO					

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes

- ☐ Electrical/Mechanical Logs (1 full set req'd)     
 ☐ Geologic Report     
 ☐ DST Report     
 ☐ Directional Survey  
☒ Sundry Notice for plugging and cement verification     
 ☐ Core Analysis     
 ☐ Other

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) TOMMY BOLACKTitle GENERAL PARTNERSignature Date October 30, 2007

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(Continued on page 3)

(Form 3160-4, page 2)

## FORMATION ELECTRIC LOG TOPS

SYSTEM	FORMATION	LOG TOP Drill Depth	DATUM ELEV'N. 5,714' KB	
Cretaceous	Point Lookout Sand	ground	5,700	All Depths in Feet
Orogenies				
	Mancos Shale	400	5,314	
	Tocito/Gallup Sand	1,565	4,149	
	Sanostee Calcareous Sand	1,750	3,964	
	Greenhorn Limestone	2,090	3,624	
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J-2	Entrada Sand	3,440	2,274	
Triassic	Chinle Shale/Sand	3,550	2,164	
TR-3	Shinarump Sand	4,860	854	
	Moenkopi Shale	4,892	822	
<u>Ancestral Rockies (Uncompaghire)</u>				
Permian	DeChelly Sand	4,990	724	
	Cutler Sand/Shale	5,222	492	
<u>Ancestral Rockies</u>				
Pennsylvanian				
	Honaker Trail/Limestone	6,720	-1,006	
	Boundary Butte	7,560	-1,846	
H	P	S		
e	G	a	t	Ismay/Limestone
r	r	r	a	Desert Creek/Limestone
m	o	a	g	Akah/Limestone
o	u	d	e	Barker Creek/Limestone
s	p	o	s	Alkali Gulch/Limestone
a	x			
		Pinkerton Trail/Limestone	8,300	-2,586
		Molas Shale	8,610	-2,896
<u>Antler</u>				
Mississippian	Leadville/Limestone	8,650	-2,936	
<hr/>				
Devonian	Ouray/Limestone	8,880	-3,166	
	Elbert Shale/Dolostone	8,935	-3,221	
	McCracken Sand	9,075	-3,361	
	Anethi Dolostone	9,166	-3,452	
<hr/>				
Precambrian	Andesite	9,295	-3,581	
	TOTAL DEPTH	9,329	-3,615	

CONFIDENTIAL - TIGHT HOLE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB NO. 1004-0137  
Expires: July 31, 2010

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED

5. Lease Serial No.  
NM SF 00812261a. Type of Well ☐ Oil Well ☐ Gas Well ☒ Dry ☐ Other  
1b. Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Res.  
Other \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator BOLACK MINERALS COMPANY

Bureau of Land Management  
Farmington Field Office8. Lease Name and Well No.  
THOMAS F. BOLACK #1 WELL

3. Address 3901 Bloomfield Highway, Farmington, NM 87401

3a. Phone No. (include area code)  
505-325-42759. AFI Well No.  
3004532583

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*

At surface 1935' FSL and 860' FEL, Section 3, T-30-N, R-16-W, N.M.P.M.

10. Field and Pool or Exploratory  
WILDCAT McCracken11. Sec., T., R., M., on Block and Section 3,  
Survey or Area Township 30 North,  
Range 16 West, N.M.P.M.

At top prod. interval reported below Same

12. County or Parish  
San Juan

13. State

New Mexico

At total depth Same

14. Date Spudded November 8, 2006

15. Date T.D. Reached January 17, 2007

16. Date Completed ☒ D & A ☐ Ready to Prod.17. Elevations (DF, RKB, RT, GL)\*  
5,714' KB

18. Total Depth MD 9329'

19. Plug Back T.D.: MD 8715'

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric &amp; Other Mechanical Logs Run (Submit copy of each)

Copies already submitted

22. Was well cored? ☐ No ☒ Yes (Submit analysis) 9306' to 9329'  
Was DST run? ☒ No ☐ Yes (Submit report) (no analysis)  
Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
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8 3/4"	7"	23#	Surface	5386'	3440'	1125 5x "C"	360.0	Surface	
6 1/2"	4 1/2"	11.6#	5182'	8934'	N/A	640 5x "C"	244.0	5182'	

RCVD DEC 6 '07  
OIL CONS. DIV.  
DIST. 3

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
N/A								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Barker Creek	7940'	8199'	8065' to 8082'	0.38"	132	
B)			8094' to 8100'			
C)			8104' to 8110'			
D)			8124' to 8128'			

27. Acid, Fracture, Treatment, Cement Squeeze, etc

Depth Interval	Amount and Type of Material
8065' - 8128'	3000 Gal 15% Hcl. 6-14-07 6-20-07 Set CIBP 8040' x Cap w/ cmt. TOC 7987'

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
6-13	6-19	10	→	TR	0	40	N/A	N/A	SWAB
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
2"	0	0	→	TR	0	96	N/A		

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD

OCT 31 2007

\*(See instructions and spaces for additional data on page 2)

FARMINGTON FIELD OFFICE

NMOCD

## 28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

## 28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29 Disposition of Gas (Solid, used for fuel, vented, etc.)

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## 30 Summary of Porous Zones (Include Aquifers)

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

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(Continued on page 3)

(Form 3160-4, page 2)

Well Report Tom F. Bolack No 1

## FORMATION ELECTRIC LOG TOPS

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<u>Ancestral Rockies</u>				
Pennsylvanian				
	Honaker Trail/Limestone	6,720	-1,006	
	Boundary Butte	7,560	-1,846	
H	P	S		
e	G	a	t	Ismay/Limestone
r	r	r	a	Desert Creek/Limestone
m	o	a	g	Akah/Limestone
o	u	d	e	Barker Creek/Limestone
s	p	o	s	Alkali Gulch/Limestone
a	x			
		Pinkerton Trail/Limestone	8,300	-2,586
		Molas Shale	8,610	-2,896
<u>Antler</u>				
Mississippian	Leadville/Limestone	8,650	-2,936	
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Devonian	Ouray/Limestone	8,880	-3,166	
	Elbert Shale/Dolostone	8,935	-3,221	
	McCracken Sand	9,075	-3,361	
	Anethi Dolostone	9,166	-3,452	
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Precambrian	Andesite	9,295	-3,581	
	TOTAL DEPTH	9,329	-3,615	