



KANSAS CORPORATION COMMISSION 1082295  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
June 2008

Form Must Be Typed  
Form must be Signed  
All blanks must be Filled

**WELL COMPLETION FORM**  
**WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # 31725  
Name: Shelby Resources LLC  
Address 1: 2717 Canal Blvd.  
Address 2: Sulte C  
City: HAYS State: KS Zip: 67601 +  
Contact Person: Chris Gottschalk  
Phone: (785) 623-1524  
CONTRACTOR: License # 5142  
Name: Sterling Drilling Company  
Wellsite Geologist: Keith Reavis  
Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well     Re-Entry     Workover
- Oil     WSW     SWD     SLOW  
 Gas     D&A     ENHR     SIGW  
 OG     GSW     Temp. Abd.  
 CM (Coal Bed Methane)  
 Cathodic     Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_  
Well Name: \_\_\_\_\_  
Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_  
 Deepening     Re-perf.     Conv. to ENHR     Conv. to SWD  
 Conv. to GSW  
 Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_  
 Commingled    Permit #: \_\_\_\_\_  
 Dual Completion    Permit #: \_\_\_\_\_  
 SWD    Permit #: \_\_\_\_\_  
 ENHR    Permit #: \_\_\_\_\_  
 GSW    Permit #: \_\_\_\_\_

<u>02/21/2012</u>	<u>02/27/2012</u>	<u>02/28/2012</u>
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No. 15 - 15-009-25658-00-00

Spot Description: \_\_\_\_\_  
W2\_SE\_SW\_SE Sec. 29 Twp. 17 S. R. 13  East  West  
330 Feet from  North /  South Line of Section  
1970 Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE     NW     SE     SW

County: Barton  
Lease Name: Mary Anne Well #: 1-29

Field Name: \_\_\_\_\_  
Producing Formation: Arbuckle

Elevation: Ground: 1861 Kelly Bushing: 1863

Total Depth: 3450 Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: 817 Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

**Drilling Fluid Management Plan**

(Data must be collected from the Reserve Pit)

Chloride content: 50000 ppm Fluid volume: 1000 bbls

Dewatering method used: Hauled to Disposal

Location of fluid disposal if hauled offsite:

Operator Name: Shelby Resources LLC

Lease Name: Clark #3 INJ License #: 31725

Quarter SW Sec. 24 Twp. 17 S. R. 14  East  West

County: Barton Permit #: E-30,783

**AFFIDAVIT**

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

**KCC Office Use ONLY**

- Letter of Confidentiality Received  
Date: \_\_\_\_\_  
 Confidential Release Date: \_\_\_\_\_  
 Wireline Log Received  
 Geologist Report Received  
 UIC Distribution  
ALT  I  II  III Approved by: Deanna Gerrits Date: 05/24/2012



1082295

Operator Name: Shelby Resources LLC Lease Name: Mary Anne Well #: 1-29  
 Sec. 29 Twp. 17 S. R. 13  East  West County: Barton

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No Electric Log Run <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run: <b>Attached</b>	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  <table style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Name</th> <th style="text-align: left;">Top</th> <th style="text-align: left;">Datum</th> </tr> </thead> <tbody> <tr> <td>Heebner</td> <td>3028</td> <td>-1165</td> </tr> <tr> <td>Lansing</td> <td>3126</td> <td>-1263</td> </tr> <tr> <td>Lansing H</td> <td>3253</td> <td>-1390</td> </tr> <tr> <td>Conglomerate</td> <td>3332</td> <td>-1469</td> </tr> <tr> <td>Arbuckle</td> <td>3378</td> <td>-1515</td> </tr> <tr> <td>Total Depth</td> <td>3450</td> <td>-1587</td> </tr> </tbody> </table>	Name	Top	Datum	Heebner	3028	-1165	Lansing	3126	-1263	Lansing H	3253	-1390	Conglomerate	3332	-1469	Arbuckle	3378	-1515	Total Depth	3450	-1587
Name	Top	Datum																				
Heebner	3028	-1165																				
Lansing	3126	-1263																				
Lansing H	3253	-1390																				
Conglomerate	3332	-1469																				
Arbuckle	3378	-1515																				
Total Depth	3450	-1587																				

CASING RECORD <input checked="" type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	817	60/40 Poz	350	2% gel, 3% cc

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone	-			
	-			

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____		Liner Run: <input type="checkbox"/> Yes <input type="checkbox"/> No	
Date of First, Resumed Production, SWD or ENHR. _____		Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain) _____	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls. Gas-Oil Ratio Gravity

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5) (Submit ACO-4)</i> <input type="checkbox"/> Other (Specify) _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Shelby Resources LLC
Well Name	Mary Anne 1-29
Doc ID	1082295

All Electric Logs Run

Dual Induction
Compensated Neutron
Sonic
Micro

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 594

Date	2-22-12	Sec.	29	Twp.	17	Range	13	County	Barton	State	Ks	On Location		Finish	7:30 AM
Lease	Macy Anne		Well No.	1-29		Location									
										Hastington Ks - 1W on Susank Rd,					
Contractor	Sterling #4					Owner									
					KWS #15										
Type Job	Surface					To Quality Oilwell Cementing, Inc.									
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.															
Hole Size	12 1/4"		T.D.	820'		Charge To									
Csg.	8 5/8"		Depth	817'		Shelby Resources									
Tbg. Size			Depth			Street									
Tool			Depth			City									
						State									
Cement Left in Csg.	17.39'		Shoe Joint	17.39'		The above was done to satisfaction and supervision of owner agent or contractor.									
Meas Line			Displace	51 BLS		Cement Amount Ordered									
						350 5x 60/40 3%CC 2%Gel									

**EQUIPMENT**

9 Pumptrk	No.	Cementor	Helper	Common	210
Bulktrk	12	Driver	Driver	Poz. Mix	140
Bulktrk	pin.	Driver	Driver	Gel.	7

**JOB SERVICES & REMARKS**

Remarks:	Cement did	Circulate.	Calcium	13
Rat Hole			Hulls	
Mouse Hole			Salt	
Centralizers			Flowseal	
Baskets			Kol-Seal	
D/V or Port Collar			Mud CLR 48	
				CFL-117 or CD110 CAF 38
				Sand
				Handling
				Mileage
<b>FLOAT EQUIPMENT</b>				
				Guide Shoe
				Centralizer
				Baskets
				AFU/Inserts
				Float Shoe
				Latch Down
				1- Baffle plate
				1- Rubber plug
				Pumptrk Charge
				Mileage

X Signature <i>George J. Kelly</i>	Tax	
	Discount	
	Total Charge	

# QUALITY OILWELL CEMENTING, INC.

Phone 785-483-2025  
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 632

Date	Sec.	Twp.	Range	County	State	On Location	Finish
2-27-12	29	17	13	Barton	KS		1:00 am.
Lease <i>Mary Anne</i>	Well No. <i>1-29</i>	Location <i>Harrison 1/2 W 1/2 N 1/4 Sec 29</i>					
Contractor <i>Sterling</i>	Owner						To Quality Oilwell Cementing, Inc.
Type Job <i>Rotary Plug</i>	You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.						
Hole Size <i>7 7/8</i>	T.D. <i>3450</i>	Charge To <i>Shelby Resources</i>					
Csg.	Depth	Street					
Tbg. Size	Depth	City					
Tool	Depth	State					
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.					
Meas Line	Displace	Cement Amount Ordered <i>190 4 1/2 4 1/2 1/4 # 50</i>					
<b>EQUIPMENT</b>							
Pumptrk <i>5</i>	No. Cementer <i>Ed</i>	Common <i>114</i>					
Bulktrk	No. Driver <i>Craig</i>	Poz. Mix <i>76</i>					
Bulktrk <i>8</i>	No. Driver <i>Michael</i>	Gel. <i>7</i>					
<b>JOB SERVICES &amp; REMARKS</b>							
Remarks:	Calcium						
Rat Hole <i>30SK</i>	Hulls						
Mouse Hole <i>15SK</i>	Salt						
Centralizers	Flowseal <i>50#</i>						
Baskets	Koi-Seal						
D/V or Port Collar	Mud CLR 48						
<i>1st 3350 25SK</i>	CFL-117 or CD110 CAF 38						
<i>2nd 875 50SK</i>	Sand						
<i>3rd 375 60SK</i>	Handling						
<i>4th 40 10SK</i>	Mileage						
<b>FLOAT EQUIPMENT</b>							
Guide Shoe							
Centralizer							
Baskets							
AFU Inserts							
Float Shoe							
Latch Down							
<i>Dry Hole plug</i>							
Pumptrk Charge <i>plug</i>							
Mileage <i>14</i>							
Tax							
Discount							
Total Charge							

X Signature *Harvey S. Salinger*

APPROVED *[Signature]*

**OPERATOR**  
 Company: Shelby Resources, LLC  
 Address: 445 Union Blvd. Ste 208 Lakewood, CO 80228  
 Contact Geologist: Janine Sturdivant  
 Contact Phone Nbr: 720-274-6582  
 Well Name: Mary Anne #1-29  
 Location: Sec. 29 - T17S - R13W  
 Pool: APL: 15-006-25658-0000  
 State: Kansas Filed: un-named  
 Country: USA

Scale 1:240 Imperial  
 Well Name: Mary Anne #1-29  
 Surface Location: Sec. 29 - T17S - R13W  
 Bottom Location:  
 APL: 15-006-25658-0000  
 License Number: 31725  
 Spud Date: 2/21/2012 Time: 00:00  
 Rig: Babson  
 Drilling Completed: 3/26/2012 Time: 06:00  
 Surface Coordinates: 330' FSL & 1970' FEL  
 Bottom Hole Coordinates:  
 Ground Elevation: 1854.00ft  
 K.B. Elevation: 1863.00ft To: 3450.00ft  
 Logged Interval: 2700.00ft  
 Total Depth: 3450.00ft  
 Formation: Arbuckle  
 Drilling Fluid Type: Chemical/Fresh Water Gel

**SURFACE CO-ORDINATES**  
 Well Type: Vertical  
 Longitude: Latitude:  
 N/S Co-ord: 330' FSL  
 EW Co-ord: 1970' FEL

**LOGGED BY**  
  
 Company: Keith Reavis, Inc.  
 Address: 3420 22nd Street Great Bend, KS 67530  
 Phone Nbr: 620-617-4061  
 Logged By: KLG #136 Name: Keith Reavis

**CONTRACTOR**  
 Contractor: Sterling Drilling Company  
 Rig #: 4  
 Rig Type: mud rotary  
 Spud Date: 2/21/2012 Time: 00:00  
 TD Date: 3/26/2012 Time: 06:00  
 Rig Release:

**ELEVATIONS**  
 K.B. Elevation: 1863.00ft Ground Elevation: 1854.00ft  
 K.B. to Ground: 9.00ft

**NOTES**  
 Due to low structural position combined with negative electrical log evaluations, it was determined that the Mary Anne #1-29 warranted no further testing and therefore was plugged and abandoned as a dry hole.  
 A Toolex Dag gas detector provided by Sterling Drilling Company was employed on this well and drill time and gas curves were imported into this log.  
 The well samples were saved and will be available for review at the Kansas Geological Survey Well Sample Library located in Wichita, KS.  
 Respectfully submitted,  
 Keith Reavis

**Shelby Resources, LLC**  
**daily drilling report**

DATE	LOG #	DESCRIPTION
02/23/2012	3463	Geologist Keith Reavis on location @ 8:00 hrs, 5017 ft., drilling ahead Topeka, Wellmer, Douglas, Lansing, MOC
02/24/2012	3465	drilling encountered, Arbuckle, does not warrant BHT, continue ahead to 3450 @ 9:00 hrs, condition hole, 900' log logs, conduct and complete logging operations, geologist off location 1:00 hrs

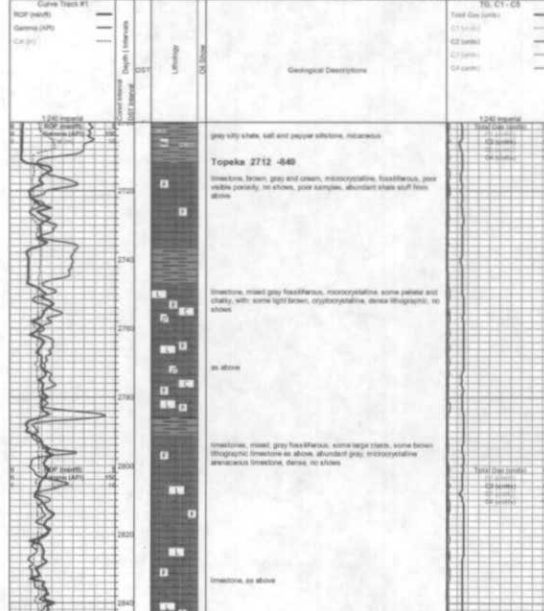
**well comparison sheet**

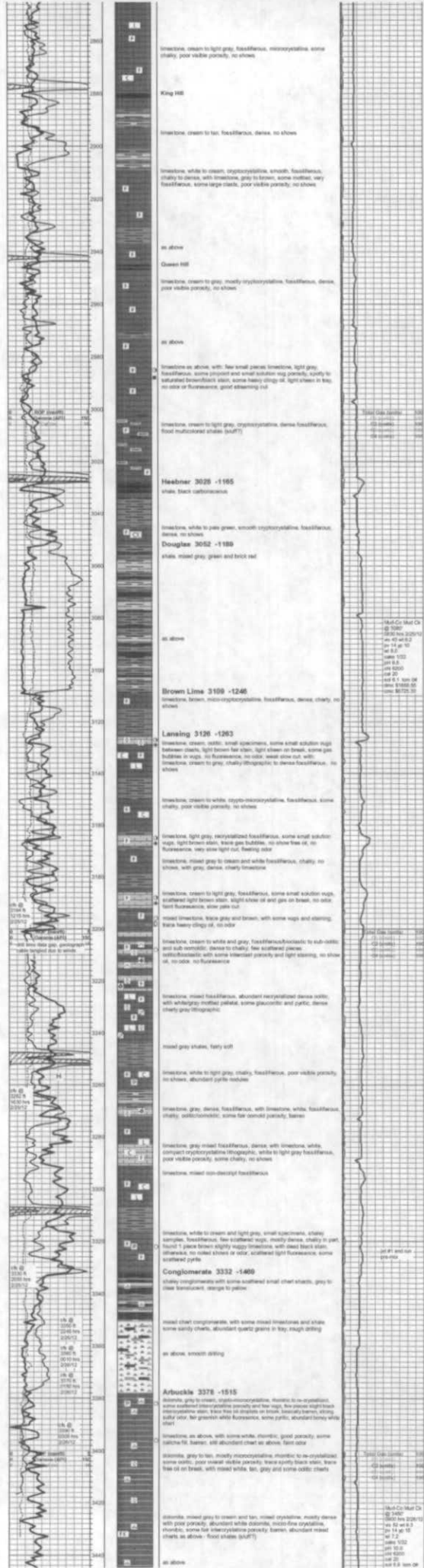
FORMATION	WELLBORN WELL			COMPARISON WELL			STANDARD WELL		
	Sample	Sub-Sea	Log	Sample	Sub-Sea	Log	Sample	Sub-Sea	Log
Topoka	2712	-443	2710	-441	2707	-441	-3	-3	NO LOG
Wellmer	2714	-1183	2614	-1183	2612	-1183	-3	3	2071
Douglas	2612	-1183	2612	-1183	2609	-1183	-3	3	1876
Lansing	2610	-1183	2609	-1183	2607	-1183	0	0	1313
Lansing M	2609	-1183	2607	-1183	2604	-1183	0	0	1310
Arbuckle	2607	-1183	2604	-1183	2601	-1183	0	0	NO LOG
Arbuckle	2604	-1183	2601	-1183	2598	-1183	0	0	1312
Arbuckle	2598	-1183	2597	-1183	2595	-1183	-18	-17	1343
Total Depth	2604	-1187	2604	-1187	2594	-1187	-82	-82	2490

**ROCK TYPES**  
 Chert bed, Limestone, Sandstone, Shale, Carbon Sh, Dolomite, Limestone, Sandstone, Shale, Red

**ACCESSORIES**  
**MINERAL**  
 P Pyrite  
 A Chert  
 M Mica  
**FOSSIL**  
 F Fossiliferous  
 F Fossils  
 O Oolite  
 P Porphyroclasts  
 D Diatomite  
**STRINGER**  
 L Limestone  
 S Sandstone  
 Sh Shale  
 G Green shale  
 R Red shale  
**TEXTURE**  
 C Cherty  
 C Crystalline  
 F Fossiliferous  
 L Lithology

**OTHER SYMBOLS**  
 DST  
 DST bit  
 DST bit  
 Core  
 Well pipe





0-2000  
 2000-2800  
 2800-3028  
 3028-3052  
 3052-3109  
 3109-3126  
 3126-3332  
 3332-3378  
 3378-4440

limestone, cream to light gray, fossiliferous, microcrystalline, some cherty, poor visible porosity, no show.

**King Hill**

limestone, cream to tan, fossiliferous, dense, no show.

limestone, white to cream, orthocrystalline, smooth, fossiliferous, cherty to dense, with limestone gray to brown, some nodules, very fossiliferous, some large clasts, poor visible porosity, no show.

as above

**Queen Hill**

limestone, cream to gray, mostly orthocrystalline, fossiliferous, dense, poor visible porosity, no show.

as above

limestone as above, with few small pieces limestone, light gray, fossiliferous, some porous and small solution void porosity, cavity to abundant brown-black stain, some heavy chert at top shows in log, no other fluorescence, good staining out.

limestone, cream to light gray, orthocrystalline, dense fossiliferous, fossil multicolored stains (buff?)

**Heater 3028 -1985**

chert, black carbonaceous

limestone, white to pale green, smooth orthocrystalline, fossiliferous, dense, no show.

**Douglas 3052 -1189**

chert, mixed gray, green and brick red

as above

**Brown Lime 3109 -1246**

limestone, brown, microcrystalline, fossiliferous, dense, cherty, no show.

**Lansing 3126 -1293**

limestone, cream, buff, small specimens, some small solution void between clasts, light brown fine stain, light chert on break, some gas bubbles in logs, no fluorescence, no show, small chert out, with limestone, cream to gray, cherty lithographic, to dense fossiliferous, no show.

limestone, cream to white, ortho-microcrystalline, fossiliferous, some cherty, poor visible porosity, no show.

limestone, light gray, recrystallized fossiliferous, some small solution void, light brown stain, fine gas bubbles, no show trace of, no fluorescence, very fine light out, besting side.

limestone, mixed gray to cream and white fossiliferous, cherty, no show, with gray, dense, cherty limestone.

limestone, cream to light gray, fossiliferous, some small solution void, scattered light brown stain, slight show of gas on break, no other best fluorescence, show pale out.

mixed limestone, blue gray and brown, with some eggs and staining, blue heavy chert at, no show.

limestone, cream to white and gray, fossiliferous, cherty to sub-cherty and sub-concreted, dense to cherty, few scattered pieces with brownish with some lateral porosity and light staining, no show at, no show, no fluorescence.

limestone, mixed fossiliferous, abundant recrystallized dense chert, with white-gray mottled pattern, some glauconitic and pyritic, dense, cherty gray lithographic.

mixed gray chert, fairly soft

limestone, white to light gray, cherty, fossiliferous, poor visible porosity, no show, abundant pyrite nodules.

limestone, gray, dense, fossiliferous, with limestone, white fossiliferous, cherty, subconcreted, some fine conical porosity, barren.

limestone, gray mixed fossiliferous, dense, with limestone, white, compact orthocrystalline lithographic, white to light gray fossiliferous, poor visible porosity, some cherty, no show.

limestone, mixed non-densified fossiliferous

limestone, white to cream and light gray, small concretion, cherty samples, fossiliferous, few scattered eggs, mostly dense, cherty in part, fossil 1 piece brown slightly egggy limestone, with dark brown stain, otherwise, no other show at side, scattered light fluorescence, some scattered pyrite.

**Conglomerate 3332 -1400**

cherty conglomerate with some scattered small chert clasts, gray to olive brownish, orange to yellow.

mixed chert conglomerate, with some mixed limestone and white, some sandy chert, abundant quartz grains in log, rough drilling.

as above, smooth drilling

**Arbuskie 3378 -1515**

limestone, gray to cream, ortho-microcrystalline, massive to re-crystallized, some scattered inter-plate porosity and few eggs, few pieces light brown microcrystalline stain, blue stain in chert on break, brownish brown, strong sulfur odor, fair granular white fluorescence, some pyrite, abundant honey white chert.

limestone, as above, with some white, micritic, good porosity, some calcite fill, barren, all abundant chert as above, fair odor.

limestone, gray to tan, mostly microcrystalline, massive to re-crystallized, some sandy, poor visible porosity, some fine crystalline, some fine crystalline, rhombic, some fine intercrystalline porosity, barren, abundant mixed chert, as above, fossil chert (buff?)

as above

Well Log Data (Right Margin):

- 1000-1010: 1000
- 1010-1020: 1000
- 1020-1030: 1000
- 1030-1040: 1000
- 1040-1050: 1000
- 1050-1060: 1000
- 1060-1070: 1000
- 1070-1080: 1000
- 1080-1090: 1000
- 1090-1100: 1000
- 1100-1110: 1000
- 1110-1120: 1000
- 1120-1130: 1000
- 1130-1140: 1000
- 1140-1150: 1000
- 1150-1160: 1000
- 1160-1170: 1000
- 1170-1180: 1000
- 1180-1190: 1000
- 1190-1200: 1000
- 1200-1210: 1000
- 1210-1220: 1000
- 1220-1230: 1000
- 1230-1240: 1000
- 1240-1250: 1000
- 1250-1260: 1000
- 1260-1270: 1000
- 1270-1280: 1000
- 1280-1290: 1000
- 1290-1300: 1000
- 1300-1310: 1000
- 1310-1320: 1000
- 1320-1330: 1000
- 1330-1340: 1000
- 1340-1350: 1000
- 1350-1360: 1000
- 1360-1370: 1000
- 1370-1380: 1000
- 1380-1390: 1000
- 1390-1400: 1000
- 1400-1410: 1000
- 1410-1420: 1000
- 1420-1430: 1000
- 1430-1440: 1000
- 1440-1450: 1000
- 1450-1460: 1000
- 1460-1470: 1000
- 1470-1480: 1000
- 1480-1490: 1000
- 1490-1500: 1000
- 1500-1510: 1000
- 1510-1520: 1000
- 1520-1530: 1000
- 1530-1540: 1000
- 1540-1550: 1000
- 1550-1560: 1000
- 1560-1570: 1000
- 1570-1580: 1000
- 1580-1590: 1000
- 1590-1600: 1000
- 1600-1610: 1000
- 1610-1620: 1000
- 1620-1630: 1000
- 1630-1640: 1000
- 1640-1650: 1000
- 1650-1660: 1000
- 1660-1670: 1000
- 1670-1680: 1000
- 1680-1690: 1000
- 1690-1700: 1000
- 1700-1710: 1000
- 1710-1720: 1000
- 1720-1730: 1000
- 1730-1740: 1000
- 1740-1750: 1000
- 1750-1760: 1000
- 1760-1770: 1000
- 1770-1780: 1000
- 1780-1790: 1000
- 1790-1800: 1000
- 1800-1810: 1000
- 1810-1820: 1000
- 1820-1830: 1000
- 1830-1840: 1000
- 1840-1850: 1000
- 1850-1860: 1000
- 1860-1870: 1000
- 1870-1880: 1000
- 1880-1890: 1000
- 1890-1900: 1000
- 1900-1910: 1000
- 1910-1920: 1000
- 1920-1930: 1000
- 1930-1940: 1000
- 1940-1950: 1000
- 1950-1960: 1000
- 1960-1970: 1000
- 1970-1980: 1000
- 1980-1990: 1000
- 1990-2000: 1000



RTD 5468 H @ 2000 Ave 228612  
Superior log 13 3452 76  
Complete Logging operations 1945 Ave 228612

