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Shell Exploration & Production Co., Inc.

2009 Anvil Points Mine Core Recovery Program

Piceance Creek Basin
Rio Blanco County, Colorado

Anvil Points Mine Site

USBM/AEC Colorado #1 Core Hole

SEC. 13, T01N, R98W

2009

**Summary Report and Well Data
For
United States Geological Survey**

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USBM/AEC Colorado #1
Anvil Points Mine Core Recovery
Program Overview

Boxed USGS Core from the Piceance Creek Basin Sample Processing Project Anvil Points Mine Repository, Colorado

In 2008, a project to remove and archive rock samples from the Anvil Points Mine was undertaken by Shell Exploration and Production Company (SEPCo) partnered with the U. S. Geological Survey (USGS) from the Denver Federal Center (DFC). The Anvil Points Mine (APM) is an abandoned oil shale mine located near Rifle, Colorado, and was the first experimental mine/extraction plant built as a result of the Synthetic Liquid Fuels Act of 1944 (J. H. East and E. D. Gardner, *Oil Shale Mining, Rifle, Colo., 1944-56*). Since 1997, the mine has served as a repository for multiple boxes of oil shale drill cores and cuttings (crushed samples) from Colorado, Wyoming and Utah. The decision to remove the boxes from the mine was made because of increased vandalism, deterioration of the core boxes and pallets due to atmospheric conditions in the mine, and degradation of the access road. The majority of the core will be catalogued and stored in the USGS Core Research Center at the DFC, and made available for study by the public and private sectors. The remaining core will be temporally used by SEPCo for shale oil research, and will be inventoried, described, photographed, re-boxed and stored at a core handling facility operated by Daub & Associates, Inc. in Grand Junction, CO. These cores will ultimately be shipped back to the USGS CRC at the DFC in Lakewood, Colorado.

In August 2008, Daub & Associates, Inc. (geological consulting firm), Johnson Construction of Rifle, and Berry Brothers Oilfield Services were contracted to perform the project. The project plan is as follows:

- Repair the mine access road to accommodate heavy truck traffic;
- Open the APM and inspect for safe working conditions, remediate any deficiencies, and assess amount and condition of boxes to be removed;
- Prepare pallets for shipping with the majority being transported to the USGS Core Research Center and the remainder being transported to a core facility in Grand Junction, CO;
- Leave the APM “as is” once all the items of interest have been removed

- Process and document the samples at their new respective locations; and
- Ship the core processed in Grand Junction, Colorado by Daub & Associates, Inc. back to the USGS Denver Federal Center.

Johnson Construction began road grading operations in September 2008 to repair and clear debris from the mine access road. This one-lane road is steep and consists of multiple switchbacks cut into incompetent soils. The grading and shoring operations lasted approximately one month. After remediation, the road was inspected and deemed safe for travel by trucks carrying the heavy equipment necessary to move the pallets out of the mine. Equipment and personnel were mobilized to the APM. The mine was opened and inspected for integrity. Once the integrity was found to be satisfactory, workers entered the APM.

Daub & Associates, Inc. (Daub) was tasked with assessment of boxes and pallets prior to removal from the mine, preparation of the boxes and pallets for shipping, and shipping coordination. The pallets were identified with the aid of a USGS OFR report and maps made during the previous storage operation. Most of the identification tags with the original USGS storage numbers were intact and visible on each pallet. However, some pallets had been moved to another location within the mine, vandalized, or weathered by exposure. These pallets were identified by inspecting their contents and re-labeled accordingly. A total of 712 pallets were identified, and included boxes of core, crushed FA bulk samples, and rotary drill cuttings. Once identified and marked, the pallets were grouped by destination in a staging area inside the mine. Each pallet was individually assessed for stability and durability. In some cases, pallets were entirely disassembled, re-stacked, and shrink-wrapped prior to shipping.

Pallets were taken out of the mine and transported to the staging area (Johnson Construction Yard) by eight one-ton flatbed trucks. Each truck carried two pallets per load. The trucks were loaded as a group and led slowly down the road in a convoy. At the staging area, pallets were unloaded and sorted by destination. Two Ryder cargo trucks were used for shipping, with 20–22 pallets included per load.

Five hundred six (506) pallets were transported to the USGS Core Research Center in Lakewood, Colorado. Two hundred six (206) pallets were transported to the Daub Core Handling Facility, including 54 pallets of core samples collected by Phillips Petroleum between 1979 and 1981 from areas in the Piceance Creek Basin. Berry Brothers Oilfield Services was responsible for loading pallets and subsequent transportation by truck to the designated facility.

The Phillips Petroleum cores were handled as a special case in this operation due to their long-time storage at the mine, and the poor condition and organization of the boxes. All samples were inadequately wrapped and labeled. Core boxes from multiple core holes were stacked on each pallet. Re-used and re-marked boxes of two-foot crushed samples intended for Fischer Assay were intermingled with boxes of core. The unstable condition and disorganization of the boxes on the pallets was rectified by disassembling each pallet and sorting samples box-by-box. Crushed samples were sorted by core hole number and depth; inventoried; newly bagged and boxed; and re-stacked in numerical order on pallets. Each pallet was shrink-wrapped for shipping to maintain pallet integrity. After this process was completed, 16 pallets of Phillips Petroleum core were shipped to the DFC and 54 pallets were shipped to Grand Junction.

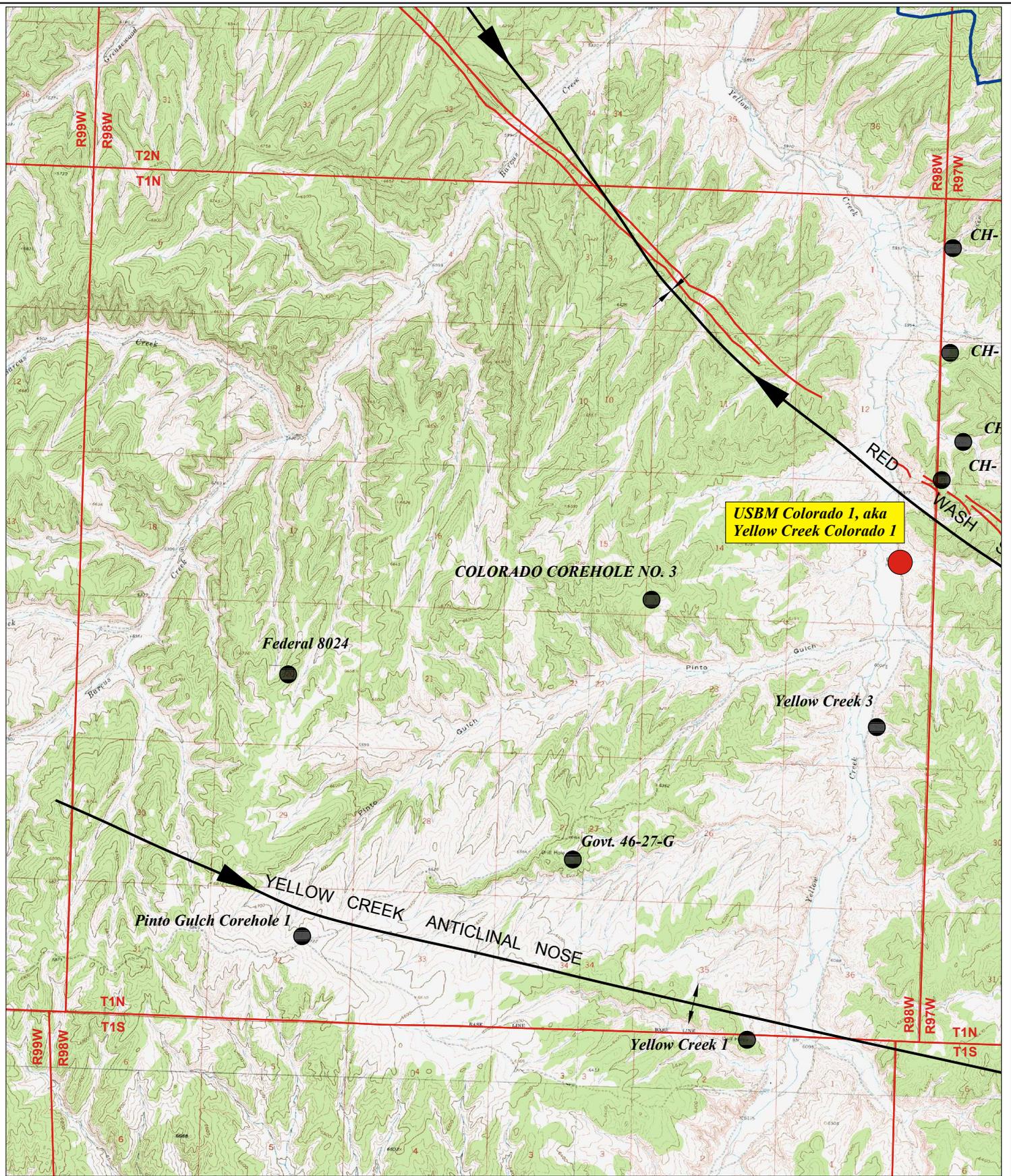
Daub geologists began organizing, logging, photographing, re-boxing and re-palletizing shale cores and selected cuttings in early November 2008. Boxes containing core samples were sorted by core hole number and depth onto new pallets. These pallets were sorted by descending core box number and inventoried. Most core samples had been marked with black footage marks, and blue (left) and red (right) orientation stripes (orientated downhole). The majority of the core had been split with a mechanical splitter or saw and continuous two foot samples taken for Fischer Assay. Mechanical splitting often destroyed the orientation and footage marks, so re-marking was required. Much of the sandstone, presumably of the Uinta Formation, was not split or sampled for Fischer Assay.

The core description process for SEPCo is being conducted at the Daub Core Handling Facility in Grand Junction, CO. Personnel consist of four geologists and four technicians. Work schedule is ten hours per day, five days per week. The facility is arranged to flow systematically in an assembly line approach starting with a washing station, moving to the alignment and marking station, and through to the description and photography station. The final step is drying and re-boxing. All activities are documented and electronically recorded in a database. The facility is safe and secure, with the health, safety and well-being of personnel and property being the highest priority. All personnel are trained in proper handling procedures and wearing of appropriate PPE is enforced.

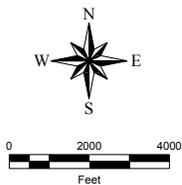
The processing array consists of two separate and parallel work lines, each processing core from different wells. A geologist describes and logs the core for a range of characteristics including but not limited to: general lithology (i.e. oil shale, mudstone, sandstone, and marlstone), noticeable stratigraphic features (i.e. laminations, fabric, pyrite, vug and fracture abundance, grain size, and calcite banding), and overall hydrocarbon richness. The core is digitally photographed in the PVC tray on a foot-by-foot basis using state-of-the-art computerized equipment. The split or cut side is photographed dry. The core is rotated within the tray 180° and the outer curved surface is photographed wet. The newly boxed core is padded with newspaper and bubble wrap to prevent movement within the box, stacked on pallets, shrink-wrapped, and labeled for future shipment.

All core, FA crushed samples, and rotary drill cutting boxes and pallets have been removed from the APM. The core processing portion of the project is currently (early 2009) on-going at both locations. As of January 19, 2009 approximately 5,200 feet of core have been processed at the Daub facility. Upon completion of this project, approximately 67,000 feet of core will have been processed.

USBM/AEC Colorado #1
General Core Hole Location Map



- Core Hole Location
- +— Anticline
- - - Fault - dashed where approximate
- +— Syncline



**2009 Anvil Points Mine Core Recovery Program
Well Location Map - USBM Colorado 1
T1N, R98W, Section 13
Garfield County, Colorado**

Daub & Associates, Inc.

Date:

November 27, 2009

USBM/AEC Colorado #1
Core Description Summary Report

Core Hole Colorado #1 (USBM/AEC) Core Description Summary Report

Piceance Creek Basin, Northwestern Colorado

Prepared by

Daub & Associates, Inc.

for

Shell Exploration & Production Co., Inc.

2009 Anvil Points Mine Recovered Core Description Program

Introduction

The Colorado #1 is a core hole originally drilled by United States Bureau of Mines and Atomic Energy Commission in 1965. It is located in Township 1 North, Range 98 West, Section 13, in Rio Blanco County, Colorado (Figure 1). This location is on Bureau of Land Management property within the Yellow Creek drainage in the NW quarter of the SE quarter of Section 13. Well information for this core hole is limited due to the fact that the core was obtained by the USGS from industry, stored in Denver, Colorado at the USGS core repository, and then subsequently moved into storage at the Anvil Points Mine near Rifle, Colorado. The core description referenced in this summary report was conducted post-removal (Fall 2008) from the Anvil Points Mine some 44 years after the core was originally drilled. Please refer to the Anvil Points Mine Boxed Core Processing Project document located at the start of this notebook for information detailing the core handling and logging procedure.

Colorado #1 General and Unique Findings Noted During Core Description

The USBM/AEC Colorado #1 well was cored from 770.0 to 3095.0 feet. The entire core was slabbed approximately in quarters for FA analysis. Original core boxes 61X, 64X, and 67X (corresponding to depths of 2966.9'-2982.7', 3012.9'-3026.5', and 3059.5'-3080.0', respectively) were not received at the Daub & Associates Core Processing Facility in Grand Junction, Colorado, and are considered missing. Several of the original core boxes were found to be in poor shape and contained core that was rearranged due to factors unknown. In these rearranged boxes of jumbled core, appropriate depths, core orientation, and missing core intervals were often unknown and the core was described after a best attempt at reconstruction was conducted. Random unrecorded missing core intervals exist throughout the entire cored interval. Additionally, there were many discrepancies noted between the core interval depths as noted on the original core boxes and the core actually present within the boxes. Accordingly, noted stratigraphic, lithologic, and feature depths should be considered approximate due to uncertainty.

Hydrocarbons in the form of **bitumen** (a reddish brown to black near-solid to solid hydrocarbon), **organic stains**, and rare **gilsonite** were common in this well. Hydrocarbons were found in fractures, tuffs, and porous clastic bands at the depths and stratigraphic zones found in Table 1 below. Gilsonite was rare and its occurrence was restricted to the R-1 stratigraphic zone.

No major or minor fracture zones were encountered within the USBM/AEC Colorado #1 well. Fractures were found sporadically throughout the well, and were largely seen to be high-angle fractures with a calcite, pyrite, bitumen, nahcolite, or clay infilling.

Small vugs and pits were uncommon, being present only across the following intervals: 1412'-1413' (R-6 zone), 1451'-1452' (R-6 zone), 1917'-1918' (R-5 zone), and 2021'-2022' (R-5 zone). These often contained an expanded, altered pyrite infilling and rind. The Dissolution Surface was determined to be at a depth of 1732.2 feet in the L-5 stratigraphic zone. Vugs noted below this depth are not true vugs, but are locations where nahcolite nodules had been removed during the coring or slabbing processes.

Nahcolite was present as bands and nodules in the form of jagged irregular to rounded irregular aggregates, radiating spherical nodules, disseminated to honeycomb bands, microcrystalline to granular bands, and as fracture infilling at the depths and stratigraphic zones found in Table 2 below. The Top of Significant Nahcolite was determined to be at a depth of 1737.7 feet in the L-5 stratigraphic zone. The Upper Salt was present from 1737.7'-1764.7' (L-5 zone) as

predominantly white nahcolite with no halite. The Boies Bed was present from 1742.8'-1764.7' in the L-5 stratigraphic zone. The Lower Salt was not present. The Love Bed was present from 2090.8'-2095.1' in the L-4 stratigraphic zone. The Greeno Bed was present from 2447.5'-2449.9' in the R-3 stratigraphic zone. The TI Bed was noted from 2503.5'-2505.5' in the L-2 stratigraphic zone.

The Mahogany Marker tuff bed was present from 1044.75 to 1045.15 feet. Additional tuff bands or series of tuffs greater than or equal to 0.3 feet thick were present at depths of 1030.0'-1030.35' (R-7 zone), 1042.0'-1042.3' (R-7 zone), and 1138.0'-1138.6' (R-7 zone).

The USBM/AEC Colorado #1 exhibited several anomalous characteristics. Hydrocarbons, though found to be present within nearly every stratigraphic zone, were not heavily concentrated in one particular depth or zone. The well was anomalously unfractured, exhibiting no fracture zones. Though the well had an abundance of nahcolite present, the Lower Salt was not encountered and leaching was nearly absent, indicated by the rarity of vugs. The top of the Douglas Creek Member of the Green River Formation was encountered at a depth of 2995.6'.

Feature	Depth Interval (ft)	Stratigraphic Zone
Organic Stains	1029-1052	R-7
Bitumen	1097-1099	R-7
Bitumen	1485-1486	R-6
Bitumen	1529-1530	R-6
Bitumen	1580-1581	R-6
Bitumen	1615-1616	L-5
Bitumen	1648-1649	L-5
Bitumen	1691-1697	L-5
Bitumen	1703-1704	L-5
Bitumen	1782-1783	R-5
Organic Stains	1857-1862	R-5
Bitumen	1877-1879	R-5
Organic Stains	1887-1888	R-5
Bitumen	2086-2087	L-4
Organic Stains	2211-2212	R-4
Bitumen	2327-2329	R-4
Bitumen	2339-2340	L-3
Bitumen	2352-2353	L-3
Bitumen	2513-2514	L-2
Bitumen	2548-2550	R-2
Bitumen	2599-2601	L-1
Organic Stains	2635-2636	R-1
Bitumen	2700-2701	R-1
Gilsonite	2752-2753	R-1
Bitumen	2864-2871	R-0
Bitumen/Organic Stains	2905-2913	R-0
Bitumen	2921-2923	R-0
Bitumen	2949-2950	R-0
Organic Stains	3035-3044	Douglas Creek

Table 1. Hydrocarbon occurrence in the USBM/AEC Colorado #1 well.

Feature	Depth Interval (ft)	Stratigraphic Zone
Nahcolite (Upper Salt)	1737-1782	L-5 and R-5
Nahcolite	1795-1811	R-5
Nahcolite	1817-1852	R-5
Nahcolite	1875-1971	R-5
Nahcolite	1993-2057	R-5 and L-4
Nahcolite	2063-2076	L-4
Nahcolite (Love Bed)	2084-2173	L-4 and R-4
Nahcolite	2180-2214	R-4
Nahcolite	2228-2239	R-4
Nahcolite	2262-2273	R-4
Nahcolite	2285-2302	R-4
Nahcolite (Greeno Bed)	2370-2459	R-3
Nahcolite (TI Bed)	2503-2516	L-2

Table 2. Nahcolite occurrence in the USBM/AEC Colorado #1 well.

USBM/AEC Colorado #1 Core Data Examples

Anvil Points Mine Core Description Legend

FEATURES	
CODE	DESCRIPTION
BIT	bitumen
CB	collapsed breccia
CLB	clay band
CV	collapsed vug
DZ	dissolution zone
F	featureless rock
FxS	fracture swarm
FZ	fissile zone
LB	lean band
MARL	marlstone band
MB	massive band
MF	microfaults
NB	nahcolite band/bedded
NM	nahcolite microcrystalline
NN	nahcolite nodules
O	other
OF	oxidation feature
ORG	organic band
PB	porous band
R	rubble
RB	rich band
SBB	streaked-blebby band
SLTB	siltstone band
SLTL	siltstone lens
SSB	sandstone band
SSD	soft sediment deformation
SSL	sandstone lens
TB	tuff band
TL	tuff lens
V	vug

LITHOLOGY	
CODE	DESCRIPTION
CB	collapsed breccia
CLYST	claystone
CS	crushed sample
CSR	core sample removed
INTRBD	interbedded
LC	lost core
MARL	marlstone
MRLSS	marly sandstone
MC	missing core
MS	mudstone
NAHC	nahcolite
OS	oil shale
SLTCS	silty claystone
SLTMRL	silty marlstone
SLTMS	silty mudstone
SLTST	siltstone
SS	sandstone

RICHNESS	
CODE	DESCRIPTION
L	lean (0-10 gal/ton)
M	moderate (10-20 gal/ton)
MR	moderately rich (20-30 gal/ton)
R	rich (30-40 gal/ton)
VR	very rich (40-50 gal/ton)

LITHOLOGIC FABRIC	
CODE	DESCRIPTION
B	blebby
L	laminated
M	massive
S	streaked

FRACTURE STATUS	
CODE	DESCRIPTION
C	closed
O	open
PO	partially open

FRACTURE INFILLING	
CODE	DESCRIPTION
BIT	bitumen
Ca	calcite
CaP	calcite/pyrite
Cl	clay
D	dolomite
FeO	iron oxide
GIL	gilsonite
N	none
NAHC	nahcolite
O	other
Org	organic
P	pyrite
UNK	unknown

PYRITE AMOUNT	
CODE	DESCRIPTION
N	none
SL	slight
M	moderate
A	abundant



USBM/AEC Colorado #1
Electronic Data CDs

USBM/AEC Colorado #1

List of Abbreviations

Abbreviations Commonly Found in Daub & Associates, Inc. Reports

Abbreviations Commonly Found with Survey Information

FEL	From East Section Line
FNL	From North Section Line
FSL	From South Section Line
FWL	From West Section Line
GL	Ground Level
NAD	North American Datum
TOC	Top of Casing

Abbreviations Commonly Found in Daily Drilling Reports

Circ	Circulation or Circulate
Cmt	Cement
Csg	Casing
gpm	gallons per minute
LEL	Lower Explosion Limit
Prog	Prognosis
psi	pounds per square inch
rpm	revolutions per minute
TD	Total Depth
TIH	Trip in Hole
TOC	Top of Cement
TOH/TOOH	Trip out of Hole

Abbreviations Commonly Found in Diagrams or Data Sheets

#	Number	MB	Mahogany Bed
API#	American Petroleum Institute number	MD	Measured Depth
BHP	Bottom Hole Pressure	N/A or na	not applicable
BHT	Bottom Hole Temperature	nd	no data
BST	Bottom Seal Test	nr	not recorded
BTC	Bellaire Technology Center	OD	Outside Diameter
D & A	Daub & Associates, Inc	P&A	Plugged and Abandoned
Deg C	Degrees Celsius	P atm	Pressure, atmospheric
Dirr Thick	Directional Thickness	R/L Zone	Rich/Lean Zone
DS	Dissolution Surface	RQD	Rock Quality Designation
Est	Estimated	sks	sacks
FA Grade (Gal/Ton)	Fischer Assay Grade	T amb	Temperture, ambient
Grv	Groove	TI	TI Nahcolite Bed
GW	Groundwater		
HD	High Density Marker	TVD	True Vertical Depth
ID	Inside Diameter	UT	Uinta Transition
in Hg	inches Mercury	Vert	Vertical
lb/ft	pounds per foot		

Abbreviations Commonly Found in Daub & Associates, Inc. Reports

Abbreviations used for Rock Descriptions (Core, cuttings and outcrop)

abt	abundant	com	common
agg	aggregate	cont	contorted
ang	angular	crm	cream
app	appearance	xln	crystalline
ard	around	xtals	crystals
aa	as above	def	deformed
band	banded	dk	dark
bed	bedded, bedding	descr	description
biot	biotite	difus	diffuse
bit	bitumen	dissem	disseminated
blb	blebby	dissl	dissolved
blk	black	discont	discontinuous
blu	blue	dis	disturbed
brec	breccia, brecciated	dol	dolomite
br	bright	f	fine-grained
brn	brown	fx	fracture
calc	calcareous, calcite	gy	gray
carb	carbonaceous	grn	green
cmt	cement, cementing	hd	hard
clayst	claystone	HC	honeycomb
c	coarse-grained	indst	indistinct
coat	coatings	intbd	interbedded
CB	collapse breccia	IB	interbedded
incr	increasing	spl	sample
IP	in part	ss	sandstone
lam	laminations	scat	scattered
ln	lean	sh	shale
lt	light	shle	shale
mkr	marker	silt	silt
med	medium	siltst	siltstone
m	medium-grained	mrlst	marlstone
MFlt	microfaulted	mass	massive
Mfrac	microfractured	mat	material
mod	moderate	sl	slight
mudst	mudstone	sp	specks
nahc	nahcolite	str	streaky, streaked
occ	occasional	strless	structureless
os	oil shale	tan	tan
orn	orange	tx	texture, textured
org	organic	thru	throughout
ox	oxidized	tt	tight
pale	pale	tr	trace
pnk	pink	v	very
por	porous	vf	very fine
poss	possibly	vv	very, very
pyr	pyrite	vvf	very, very fine
Qtz	quartz	wav	wavy
rr	rare	wk	weak
red	red	wht	white
rch	rich	xln	crystalline
rgh	rough	xtals	crystals
rnd	round	ylw	yellow

Munsell Color Code Abbreviations Commonly Found in Daub and Associates, Inc. Reports

CODE	DESCRIPTION		5BG 3/2	DUSKY BLUE GREEN
5R 8/2	GRAYISH PINK		5B 8/2	VERY PALE BLUE
5R 7/4	MODERATE PINK		5B 7/6	LIGHT BLUE
5R 6/2	PALE RED		5B 6/2	PALE BLUE
5R 6/6	LIGHT RED		5B 5/6	MODERATE BLUE
5R 5/4	MODERATE RED		5PB 7/2	PALE BLUE
5R 4/2	GRAYISH RED		5PB 5/2	GRAYISH BLUE
5R 4/6	MODERATE RED		5PB 3/2	DUSKY BLUE
5R 3/4	DUSKY RED		5RP 8/2	PALE PINK
5R 2/2	BLACKISH RED		5RP 6/2	PALE RED PURPLE
5R 2/6	VERY DARK RED		5RP 4/2	GRAYISH RED PURPLE
5R 8/4	MODERATE ORANGE PINK		5RP 2/2	VERY DUSKY PURPLE
5YR 7/2	GRAYISH ORANGE PINK		10R 8/2	GRAYISH ORANGE PINK
5YR 6/4	LIGHT BROWN		10R 7/4	MODERATE ORANGE PINK
5YR 5/2	PALE BROWN		10R 6/2	PALE RED
5YR 5/6	LIGHT BROWN		10R 6/6	MODERATE REDDISH ORANGE
5YR 3/4	MODERATE BROWN		10R 5/4	PALE REDDISH BROWN
5YR 4/4	MODERATE BROWN		10R 4/2	GRAYISH RED
5YR 3/2	GRAYISH BROWN		10R 4/6	MODERATE REDDISH BROWN
5YR 2/2	DUSKY BROWN		10R 3/4	DARK REDDISH BROWN
5YR 8/1	PINKISH GRAY		10R 2/2	VERY DUSKY RED
5YR 6/1	LIGHT BROWNISH GRAY		10YR 8/2	VERY PALE ORANGE
5YR 4/1	BROWNISH GRAY		10YR 8/6	PALE YELLOWISH ORANGE
5YR 2/1	BROWNISH BLACK		10YR 7/4	GRAYISH ORANGE
5Y 8/4	GRAYISH YELLOW		10YR 6/2	PALE YELLOWISH BROWN
5Y 7/2	YELLOWISH GRAY		10YR 6/6	DARK YELLOWISH ORANGE
5Y 7/6	MODERATE YELLOW		10YR 5/4	MODERATE YELLOW BROWN
5Y 6/4	DUSKY YELLOW		10YR 4/2	DARK YELLOWISH BROWN
5Y 7/6	LIGHT OLIVE GRAY		10YR 2/2	DUSKY YELLOWISH BROWN
5Y 5/6	LIGHT LIVE BROWN		10Y 8/2	PALE GREENISH YELLOW
5Y 4/4	MODERATE OLIVE BROWN		10Y 7/4	MODERATE GREENISH YELLOW
5Y 3/2	OLIVE GRAY		10Y 6/2	PALE OLIVE
5Y 8/1	YELLOWISH GRAY		10Y 6/6	DARK GREENISH YELLOW
5Y 6/1	LIGHT OLIVE GRAY		10Y 5/4	LIGHT OLIVE
5Y 4/1	OLIVE GRAY		10Y 4/2	GRAYISH OLIVE
5Y 2/1	OLIVE BLACK		10GY 7/2	PALE YELLOWISH GREEN
5GY 7/2	GRAYISH YELLOW GREEN		10GY 6/4	MODERATE YELLOWISH GREEN
5GY 7/4	MODERATE YELLOW GREEN		10GY 5/2	GRAYISH GREEN
5GY 5/2	DUSKY YELLOW GREEN		10GY 4/4	DARK YELLOWISH GREEN
5GY 3/2	GRAYISH OLIVE GREEN		10GY 3/2	DUSKY YELLOWISH BROWN
5GY 8/1	LIGHT GREENISH GRAY		10G 8/2	VERY PALE GREEN
5GY 6/1	GREENISH GRAY		10G 6/2	PALE GREEN
5GY 4/1	DARK GREENISH GRAY		10G 4/2	GRAYISH GREEN
5G 7/2	PALE GREEN		N 9	WHITE
5G 7/4	LIGHT GREEN		N 8	VERY LIGHT GRAY
5G 6/6	BRILLIANT GREEN		N 7	LIGHT GRAY
5G 5/2	GRAYISH GREEN		N 6	MEDIUM LIGHT GRAY
5G 5/6	MODERATE GREEN		N 5	MEDIUM GRAY
5G 3/2	DUSKY GREEN		N 4	MEDIUM DARK GRAY
5G 2/1	GREENISH BLACK		N 3	DARK GRAY
5BG 5/2	GRAYISH BLUE GREEN		N 2	GRAYISH BLACK
5BG 4/6	MODERATE BLUE GREEN		N 1	BLACK