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SECRETARY, BOARD OF
OIL, GAS & MINING

BEFORE THE BOARD OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH

IN THE MATTER OF THE REQUEST FOR AGENCY ACTION OF BERRY PETROLEUM COMPANY FOR AN ORDER OF THE BOARD SUSPENDING THE STATEWIDE WELL SITING RULE, APPROVING ENHANCED AND SECONDARY RECOVERY OPERATIONS, AUTHORIZING UNDERGROUND INJECTION, AND GRANTING AUTHORITY TO USE EXISTING PRODUCTION WELLS AS INJECTION WELLS IN A PILOT WATERFLOOD PROJECT IN THE GREEN RIVER FORMATION IN THE E½ OF SECTION 21, TOWNSHIP 5 SOUTH, RANGE 4 WEST, USM, DUCHESNE COUNTY, UTAH.	**MOTION FOR LEAVE TO FILE LATE EXHIBITS** **Docket No. 2011-006** **Cause No. 246-02**

BERRY PETROLEUM COMPANY, by and through its attorneys, Holland & Hart LLP, pursuant to Utah Admin. Code R641-105-400, hereby requests the Board of Oil, Gas, and Mining enter an order permitting the late filing of the following exhibits:

EXHIBIT "A" – Location Map.

EXHIBIT "B" – AOI Section 21, T5S-R4W.

EXHIBIT "C" – Pilot Project Area.

EXHIBIT "D" – Diagrammatic Cross Section I.

EXHIBIT "E" – Diagrammatic Cross Section II.

EXHIBIT "F" – Stratigraphic Column.

EXHIBIT "G" – Log Identification Map.

EXHIBIT "H" – Douglas Creek Net Sand.

EXHIBIT "I" – Type Log Ute Tribal 1-21-54.

EXHIBIT "J" – Cross Section A-A'.

EXHIBIT "K" – Cross Section B-B'.

EXHIBIT "L" – Cross Section C-C'.

EXHIBIT "M" – Recovery Estimates.

The hearing on this matter is scheduled for April 27, 2011. At this time, there are no adverse parties or any parties that have made an appearance in this matter.

DATED this 7th day of April, 2011.

HOLLAND & HART LLP

Mark L. Burghardt
Attorneys for Berry Petroleum Company

CERTIFICATE OF SERVICE

The undersigned hereby certifies that on this 7th day of April, 2011, a true and correct copy of the foregoing **MOTION FOR LEAVE TO FILE LATE EXHIBITS** was mailed, postage prepaid, to the following:

John R. Baza, Director
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 300
Salt Lake City, UT 84116

Michael S. Johnson
Assistant Attorney General
Utah Board of Oil, Gas & Mining
1594 West North Temple, Suite 300
Salt Lake City, UT 84116

Steven F. Alder
Assistant Attorney General
Utah Board of Oil, Gas & Mining
1594 West North Temple, Suite 300
Salt Lake City, UT 84116

Julie Ann Carter
Utah Oil, Gas and Mining
1594 W. North Temple, Ste 1210
P.O. Box 145801
Salt Lake City, UT 84114

Respectfully submitted this 7th day of April, 2011.

BERRY PETROLEUM COMPANY

By: Mark L. Burghardt

A. John Davis
Mark L. Burghardt
Holland & Hart LLP
222 South Main Street, Suite 2200
Salt Lake City, UT 84101-2001
Telephone: (801) 799-5800

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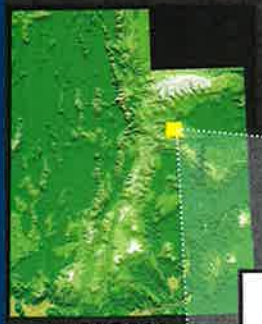
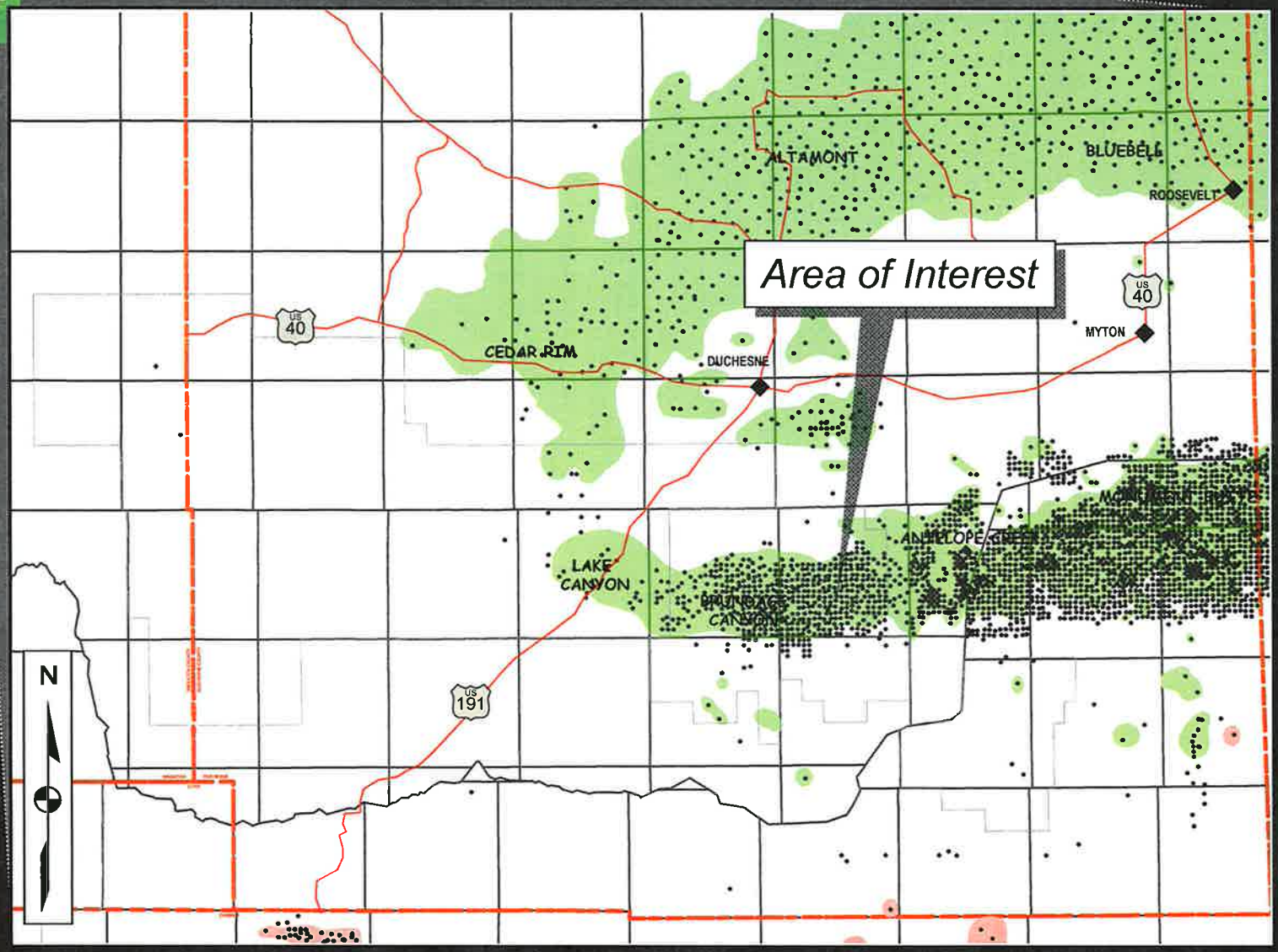
EXHIBIT A Docket # 2011-006 Cause # 246-02

Location Map

Uinta Basin, Brundage Canyon

Duchesne County, Utah





BRY LISTED NYSE

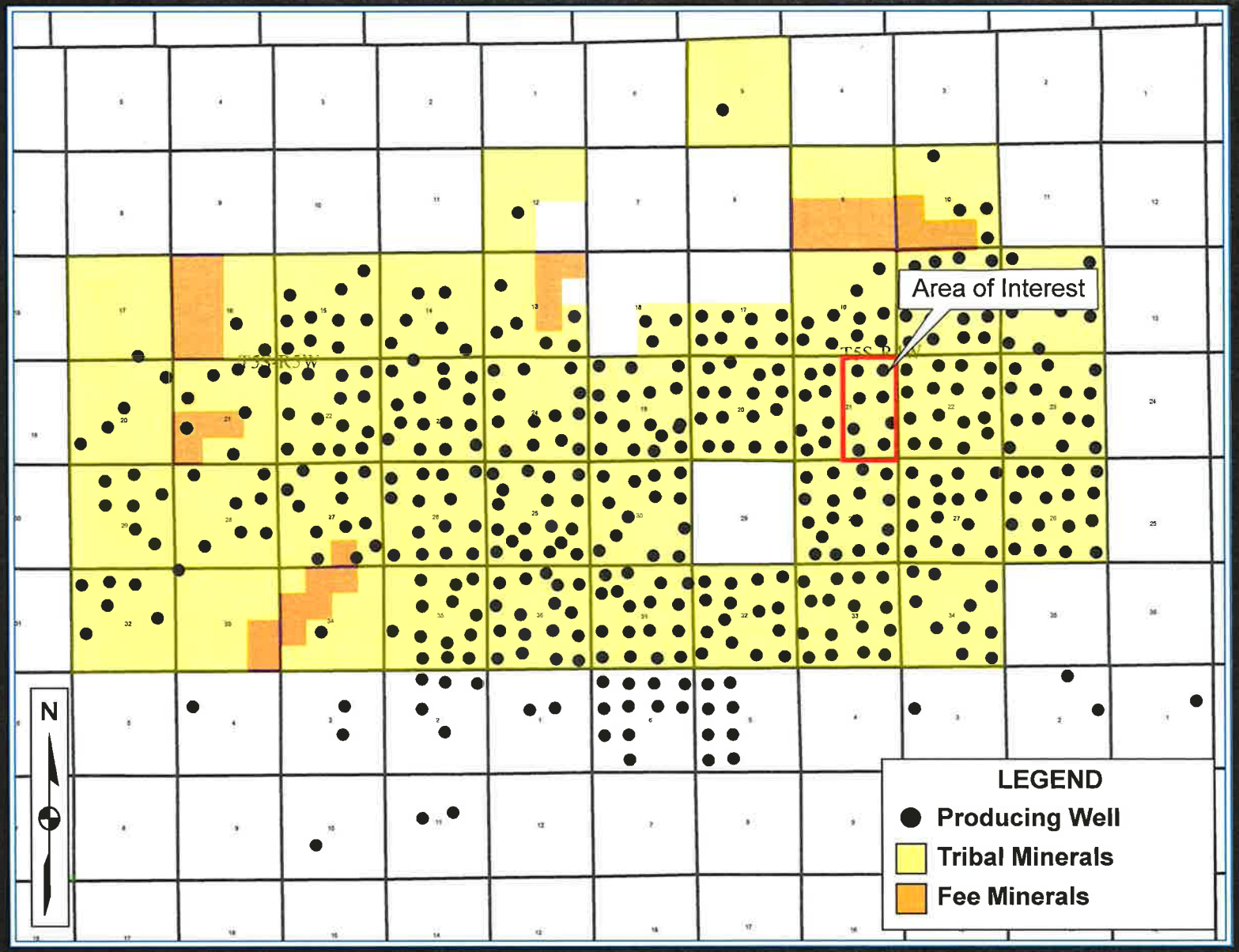
Berry Petroleum Company

EXHIBIT B Docket # 2011-006 Cause # 246-02

AOI Section 21, T5S-R4W

Uinta Basin, Brundage Canyon

Duchesne County, Utah



BRY LISTED NYSE

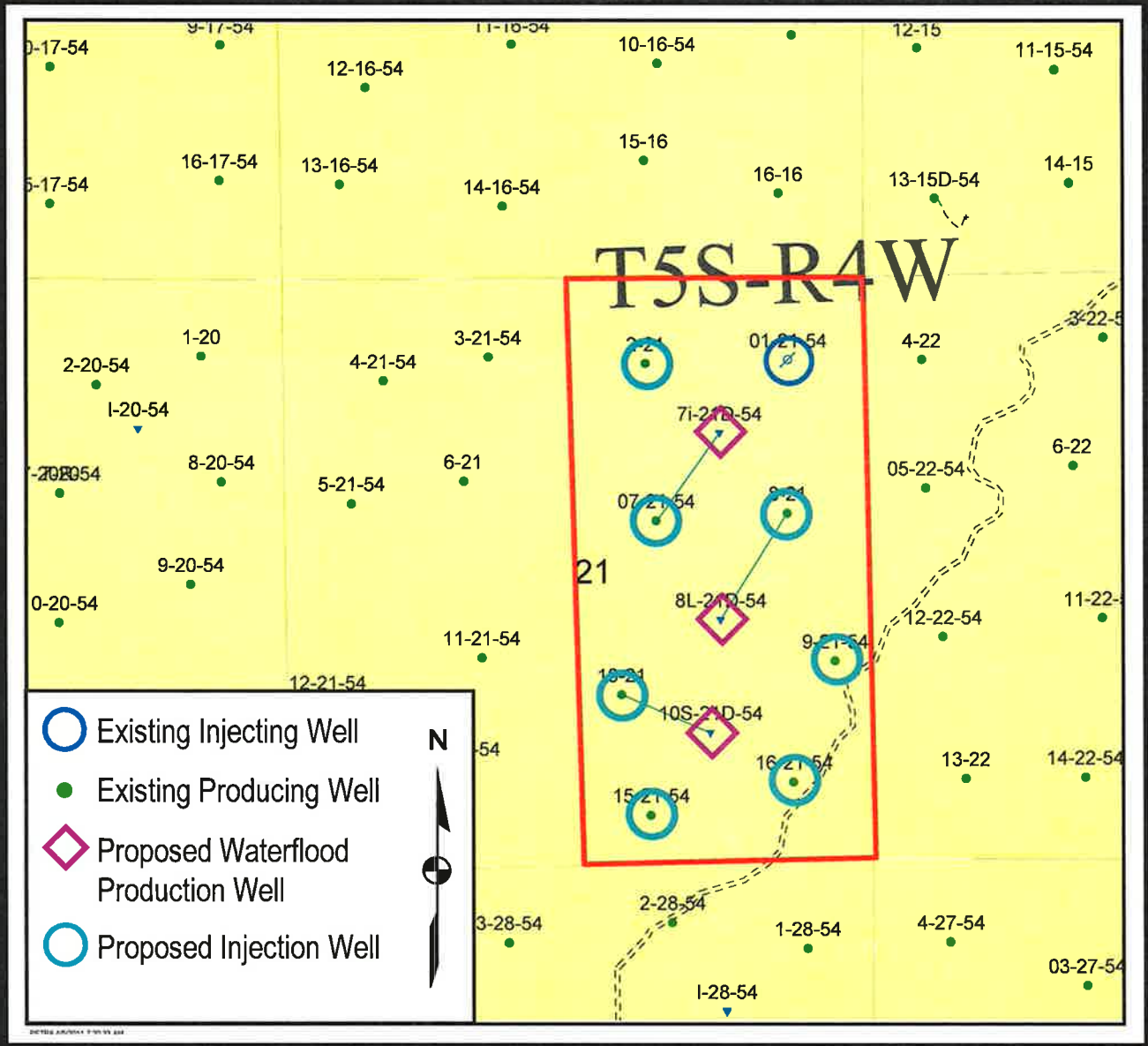
Berry Petroleum Company

EXHIBIT C Docket # 2011-006 Cause # 246-02

Section 21, T5S-R4W

Uinta Basin, Brundage Canyon

Duchesne County, Utah



Berry Petroleum Company

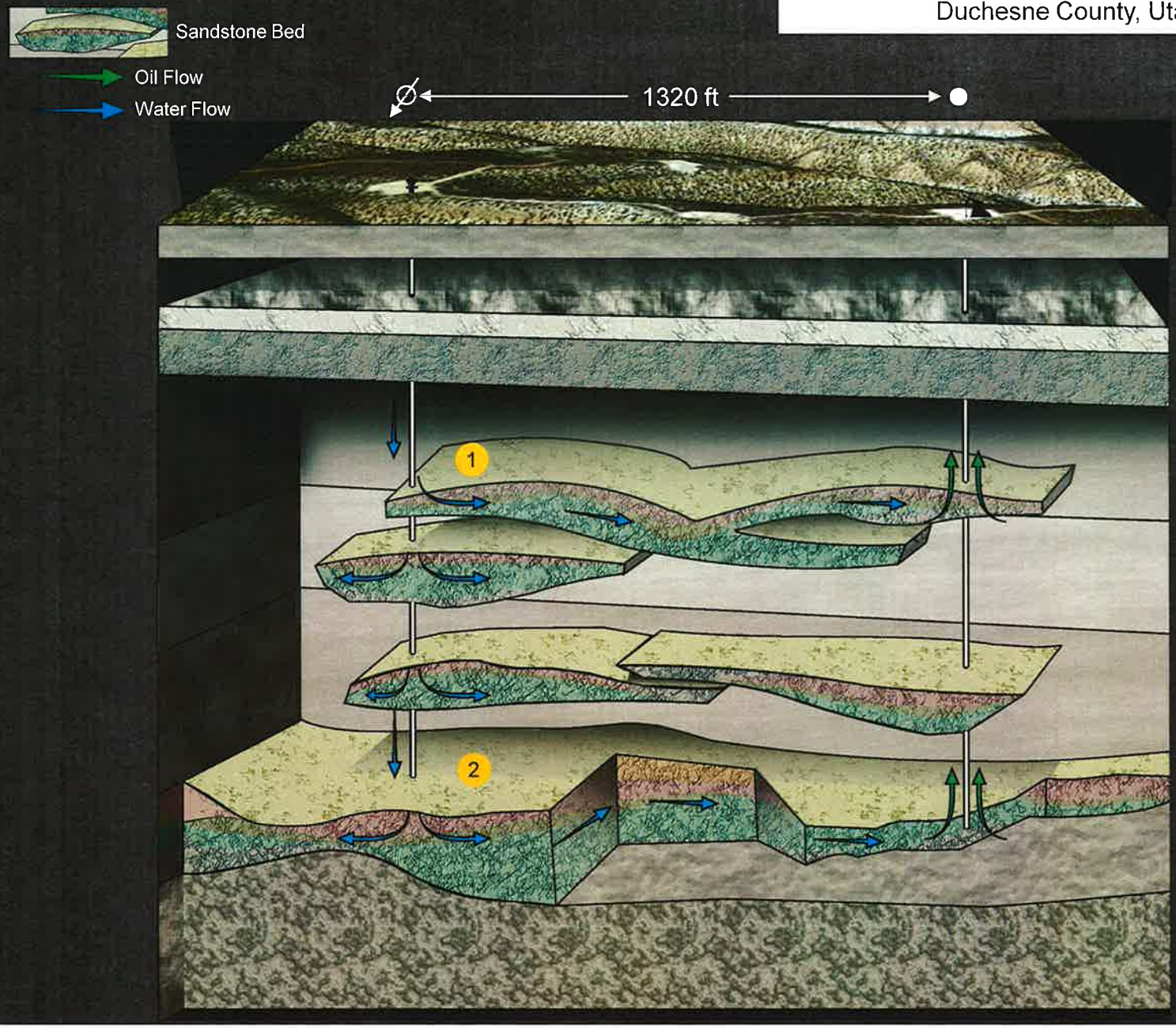
EXHIBIT D Docket # 2011-006 Cause # 246-02

Diagrammatic Cross Section

Uinta Basin, Brundage Canyon

Duchesne County, Utah

Connectivity on 40 acre spacing
*** Two connected beds**



Berry Petroleum Company

EXHIBIT E Docket # 2011-006 Cause # 246-02

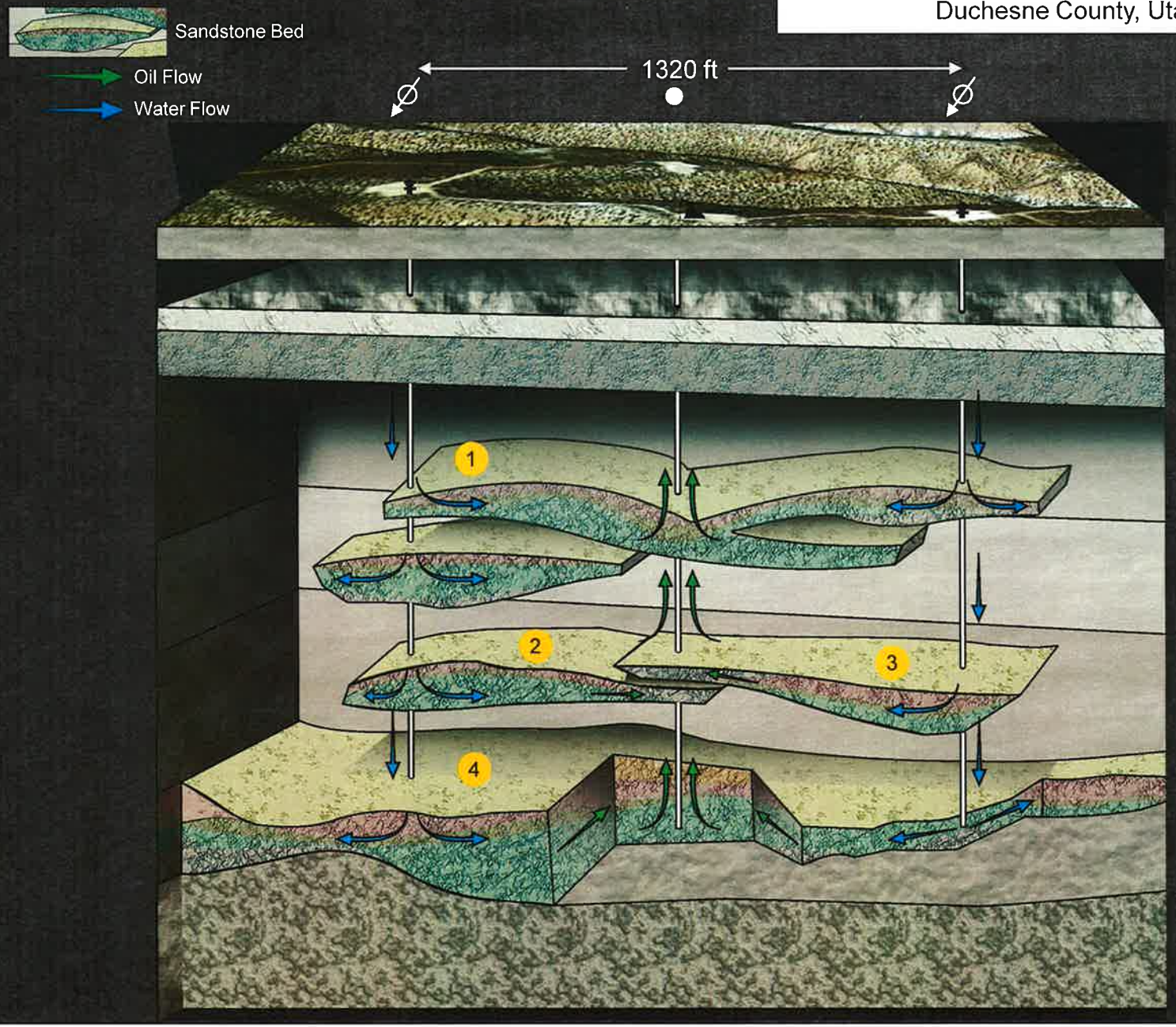
Diagrammatic Cross Section

Uinta Basin, Brundage Canyon

Duchesne County, Utah

BRY LISTED NYSE

Increased Connectivity with infill well
*** Four connected beds**



Berry Petroleum Company

EXHIBIT F Docket # 2011-006 Cause # 246-02

Stratigraphic Column

Uinta Basin, Brundage Canyon

Duchesne County, Utah

BRY LISTED NYSE

Age	Epoch	Formation	Member	Geologic Unit
TERTIARY	EOCENE	UINTA		Undifferentiated
		GREEN RIVER	UPPER GREEN RIVER	Undifferentiated
				Mahogany Shale
			MIDDLE GREEN RIVER	Garden Gulch
				Douglas Creek
				Black Shale
			LOWER GREEN RIVER	Castle Peak
				Uteland Butte
	PALEOCENE	WASATCH	COLTON	

Waterflood Targets

Figure 5. Generalized Stratigraphic Chart of the Tertiary Section

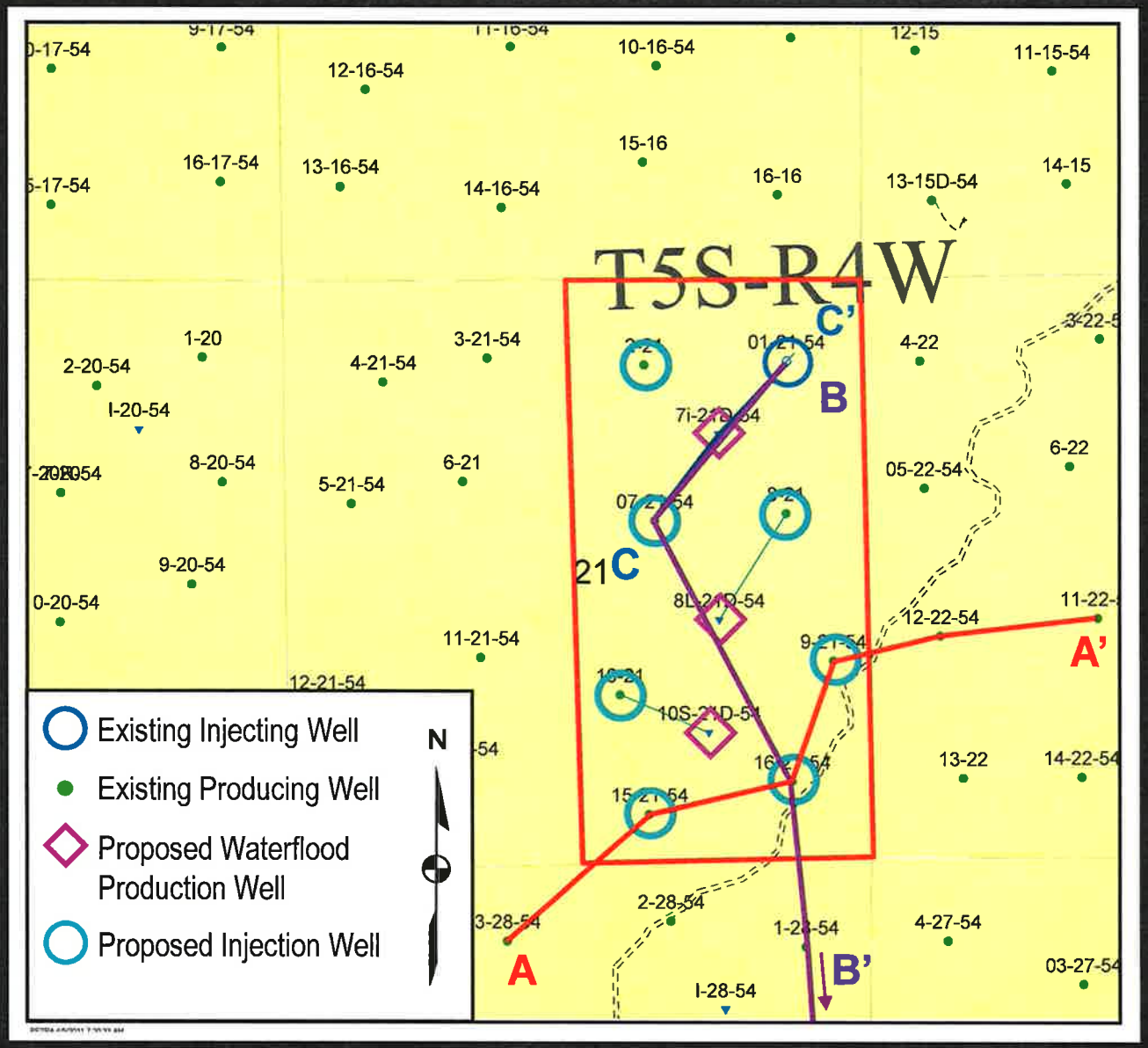
Berry Petroleum Company

EXHIBIT G Docket # 2011-006 Cause # 246-02

Section 21, T5S-R4W

Uinta Basin, Brundage Canyon

Duchesne County, Utah



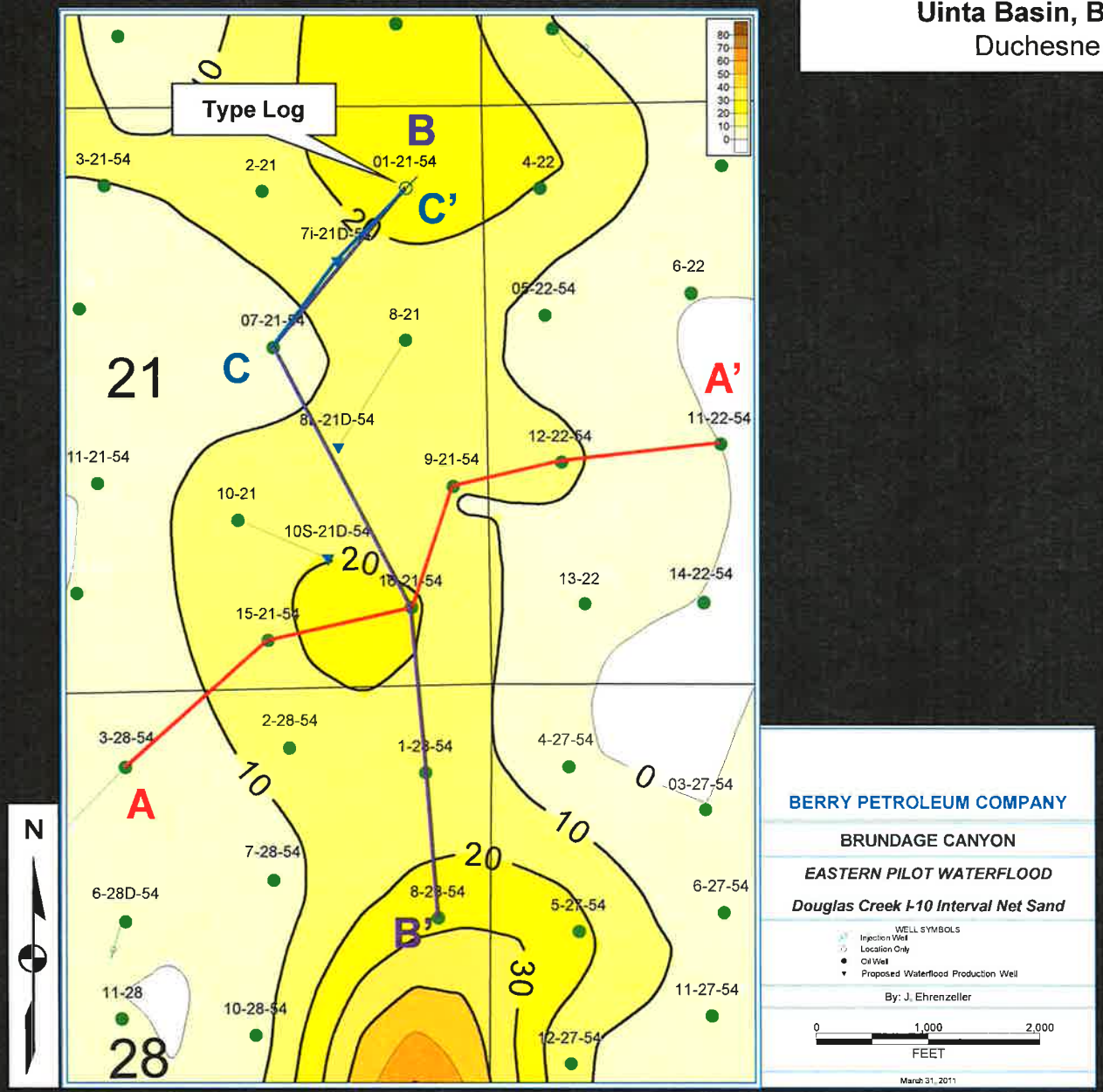
Berry Petroleum Company

EXHIBIT H Docket # 2011-006 Cause # 246-02

Douglas Creek Net Sand

Uinta Basin, Brundage Canyon

Duchesne County, Utah



BRY LISTED NYSE

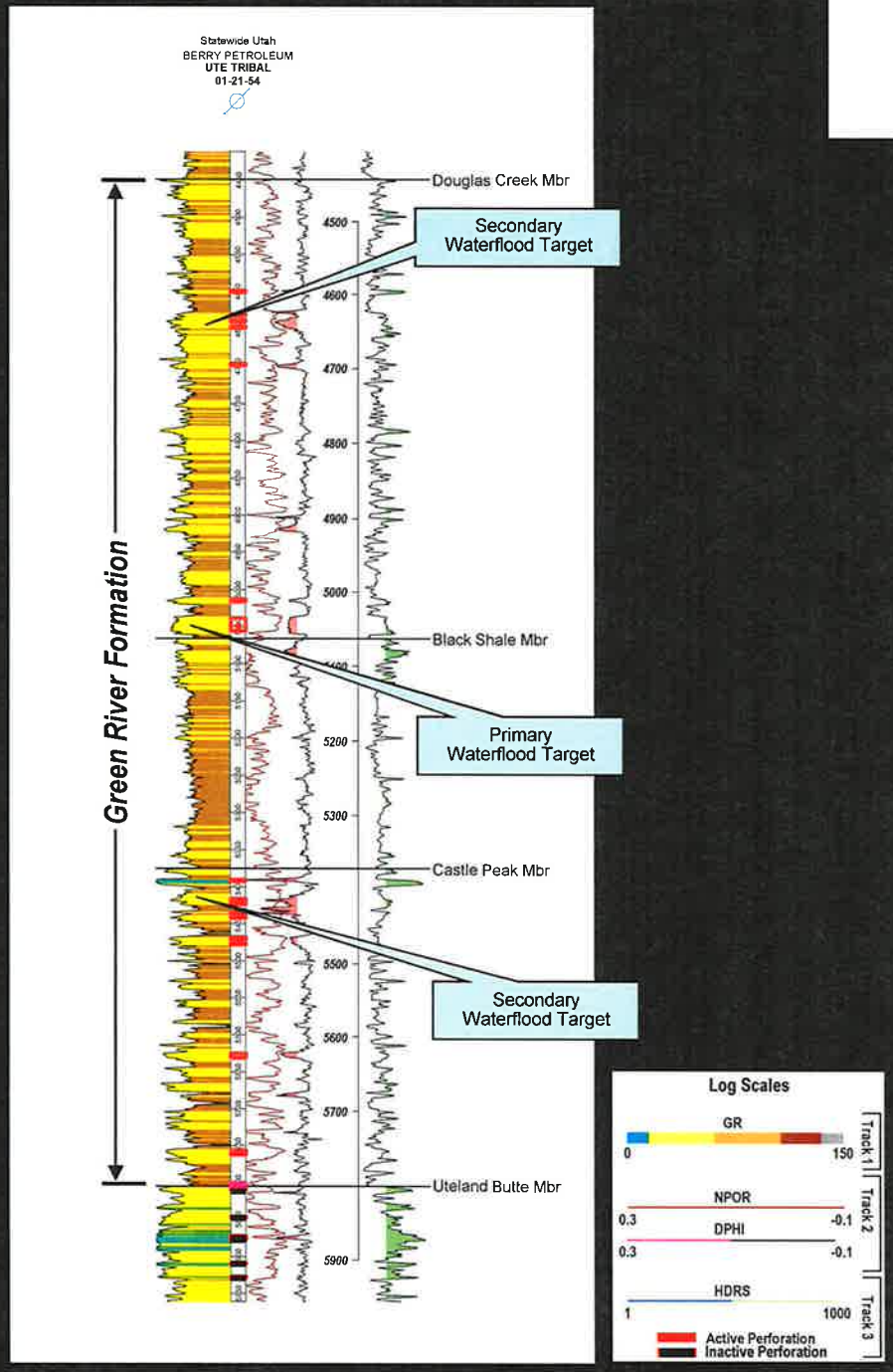
Berry Petroleum Company

EXHIBIT I Docket # 2011-006 Cause # 246-02

Type Log Ute Tribal 1-21-54

Uinta Basin, Brundage Canyon

Duchesne County, Utah



Berry Petroleum Company

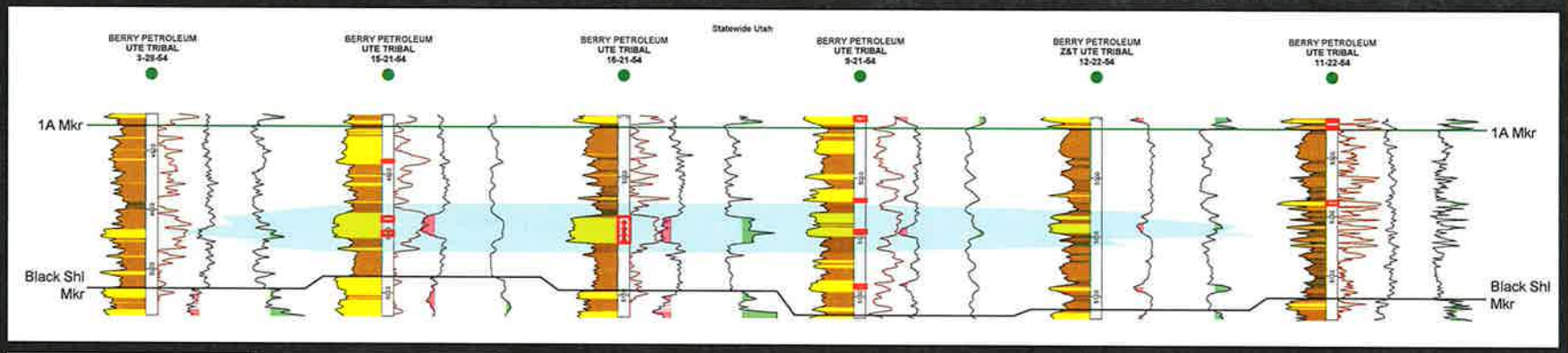
BRY LISTED NYSE

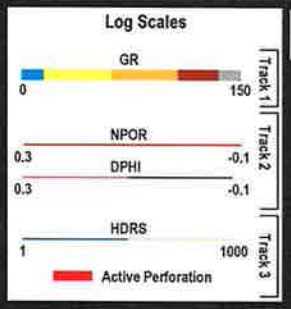
EXHIBIT J Docket # 2011-006 Cause # 246-02

Cross Section A-A'

Uinta Basin, Brundage Canyon

Duchesne County, Utah





Target Sandstone

BRY LISTED NYSE

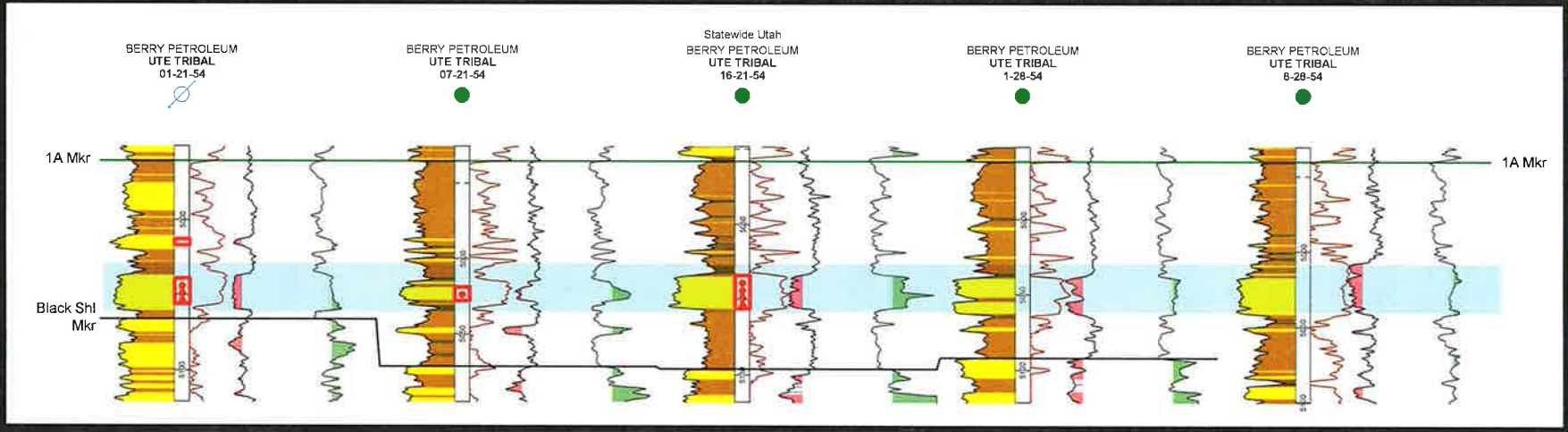
Berry Petroleum Company

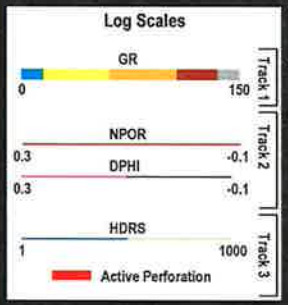
EXHIBIT K Docket # 2011-006 Cause # 246-02

Cross Section B-B'

Uinta Basin, Brundage Canyon

Duchesne County, Utah





Target Sandstone

BRY LISTED NYSE

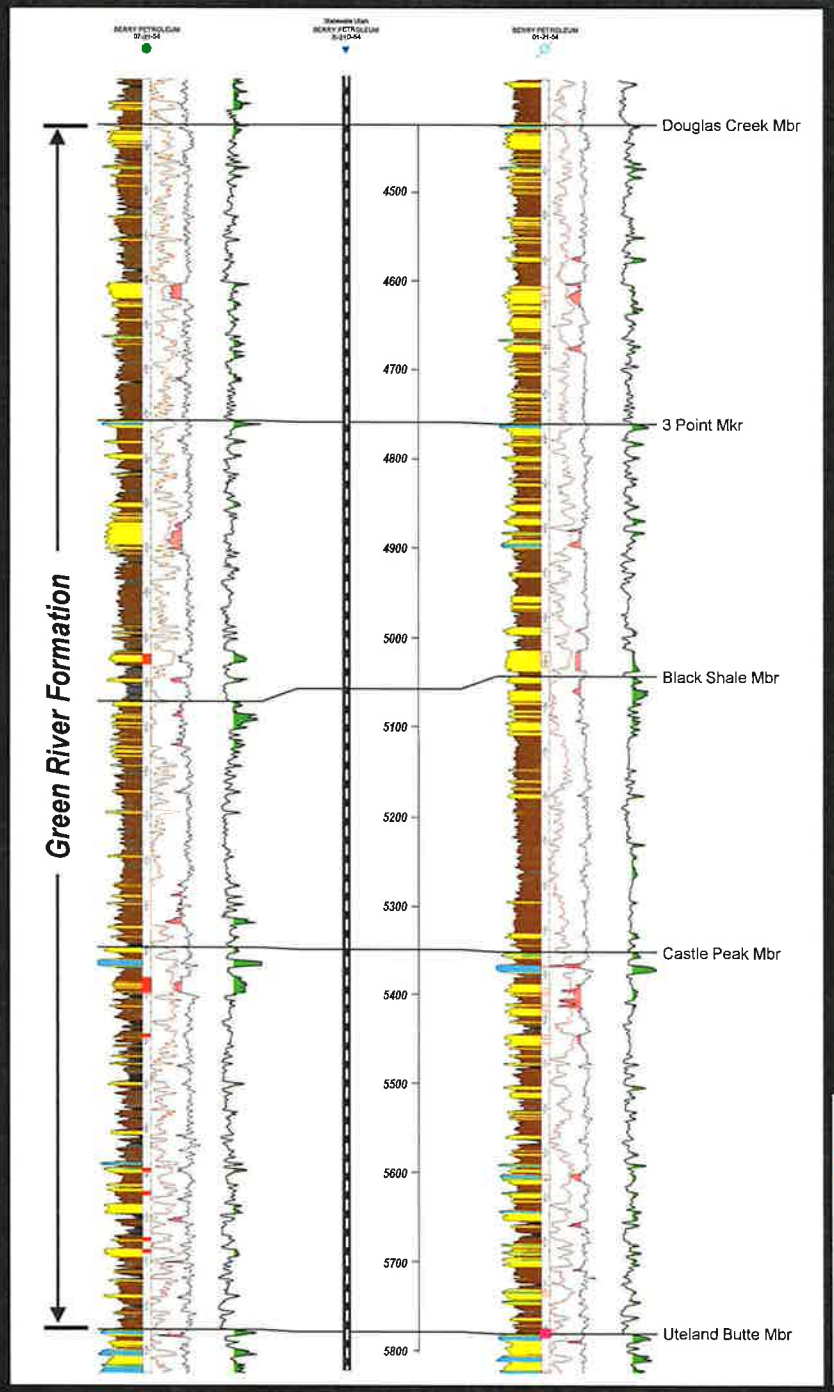
Berry Petroleum Company

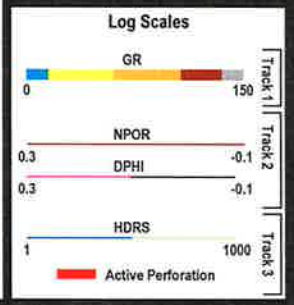
EXHIBIT L Docket # 2011-006 Cause # 246-02

Cross Section C-C'

Uinta Basin, Brundage Canyon

Duchesne County, Utah





BRY LISTED NYSE

Berry Petroleum Company

EXHIBIT M Docket # 2011-006 Cause # 246-02

Recovery Estimates

Uinta Basin, Brundage Canyon

Duchesne County, Utah

BRY LISTED NYSE

Volumetric Primary Recovery Estimate

	Douglas Creek	Castle Peak	Total
Gross Sand (ft)	181	120	301
Net Sand (ft)	42	23	65
Avg Porosity (%)	14	13	
Water Saturation (%)	45	45	
Oil FVF (bbl/STB)	1.2	1.2	
OOIP (bbl/ac-ft)	498	462	
OOIP 40ac (Mbbl)	836	425	1262
Avg EUR per Well (Mbbl)			50.8
Recovery Factor (%)			4.0

Potential Secondary Recovery Estimate

Total Net Sand (ft)	65
Water Saturation (%)	45
Primary Oil Recovery (%)	4
Irreducible Oil Saturation (%)	30
Remaining Mobile Oil (%)	21
Estimated Reservoir Connectivity	20
Recoverable Oil (%)	4.2
Recoverable Oil (bbl/ac-ft)	20.2
Recoverable Oil per 40 ac (Mbbl)	52.4

Berry Petroleum Company