

WPXENERGY.

WPX Energy Production, LLC
One Williams Center, MD 44-111
Tulsa, Oklahoma 74101-3102

May 19, 2016

Bureau of Land Management (4 copies)
Assistant Field Manager, Minerals
Mr. David J. Mankiewicz
c/o Ms. Cynthia Marquez, Land Law Examiner
6251 College Blvd., Suite A
Farmington, New Mexico 87402

Re: West Lybrook Unit, NMNM 135216X
San Juan County, New Mexico
OPERATOR SUBMISSION FOR APPROVAL OF THE
INITIAL PARTICIPATING AREA OF THE WEST LYBROOK UNIT
MANCOS FORMATION

Dear Mr. Mankiewicz:

Pursuant to the West Lybrook Unit Agreement, approved and made effective on December 1, 2015, WPX Energy Production, LLC ("WPX"), as Unit Operator, seeks approval of the West Lybrook Unit Initial fully expanded Participating Area. Pursuant to the provisions of the Unit Agreement for the Development and Operation of the West Lybrook Unit, for the Mancos Formation, WPX Energy Production, LLC, as Unit Operator, hereby respectfully requests approval of the fully expanded Participating Area (covering 12,807.24 acres) located in San Juan County, NM, based upon Geologic Inference. The Unit Area is more particularly described in the attachments hereto and made a part hereof. The Effective Date of the Participating Area is December 1, 2015.

The West Lybrook Unit lies in the southern part of the San Juan Basin in an area referred to as the Chaco Slope. Well control through the unit area indicates that the Mancos interval is relatively uniform throughout the unit. The thickness of porous Gallup sands within the interval varies from 70-120' with thickness increasing to the southwest. The structure is dipping down to the southeast and up to the southwest. No large faults have been identified in the area.

Onsite mudlogging geologists, remote geosteering geologists, and WPX operations geologists worked as a team to use cuttings, gamma ray logs, and mass spectrometry to interpret tops as the bit descended toward the target formation and then interpreted positions within the target interval throughout the lateral. Multiple reports per day were delivered confirming the interpreted placement of the wellbore within the zone. All six of the horizontal wells in West Lybrook Unit were landed in the subject interval and are interpreted to have stayed in target during the drilling of the horizontal portion of the wellbore.

**SCHEDULE I
NMNM 135216X**

INITIAL PARTICIPATING AREA FOR THE FULLY EXPANDED WEST LYBROOK UNIT - MANCOS FORMATION
SAN JUAN COUNTY, NEW MEXICO

TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON-COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GW PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES * PARTICIPATION FACTOR
Tract 1.1	NMNM-23741		T23N R8W			1,240.92			Tract 1.1			0.09689209
			Sec 17: All						WORKING INTEREST			
			Sec 19: Lots 1, 2, 3, 4, E/2, NE/4NW/4, E/2SW/4						WPX Energy Production, LLC	100.000000%	84.375000%	
									ROYALTY		12.500000%	
									ORRI		3.125000%	
										100.000000%	100.000000%	
Tract 1.2	NMNM-23741		T23N R8W			40.00			Tract 1.2			0.00312323
			Sec 19: SE/4NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	84.375000%	
									ROYALTY		12.500000%	
									ORRI		3.125000%	
										100.000000%	100.000000%	
Tract 2.1	NMNM-25830		T23N R8W			599.35			Tract 2.1			0.04679777
			Sec 18: Lots 1, 2, 3, E/2, E/2W/2						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	86.200000%	
									ROYALTY		12.500000%	
									ORRI		1.300000%	
										100.000000%	100.000000%	
Tract 2.2	NMNM-25830		T23N R8W			40.17			Tract 2.2			0.00313653
			Sec 18: Lot 4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	86.889000%	
									ROYALTY		12.500000%	
									ORRI		0.611000%	
										100.000000%	100.000000%	
Tract 3.1	NMNM-036949		T23N R9W			1,720.00			Tract 3.1			0.13429904
			Sec 24: W/2						WORKING INTEREST			
			Sec 25: All						Elm Ridge Exploration Co., LLC	6.250000%	5.156250%	
			Sec 26: E/2E/2, E/2W/2						WPX Energy Production, LLC	93.750000%	76.531250%	
			Sec 35: N/2, SW/4						ROYALTY		12.500000%	
									ORRI		5.812500%	
										100.000000%	100.000000%	
Tract 3.2	NMNM-036949		T23N R9W			40.00			Tract 3.2			0.00312323
			Sec 24: NW/4NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	75.000000%	
									ROYALTY		12.500000%	
									ORRI		12.500000%	
										100.000000%	100.000000%	
Tract 4	NMNM-57164		T23N R9W			1,280.00			Tract 4			0.09994947
			Sec 15: SW/4						WORKING INTEREST			
			Sec 24: E/2						WPX Energy Production, LLC	100.000000%	79.500000%	
			Sec 26: W/2E/2, W/2W/2						ROYALTY		12.500000%	
			Sec 34: N/2, SE/4						ORRI		8.000000%	
										100.000000%	100.000000%	

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TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON-COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES * PARTICIPATION FACTOR
Tract 5.1	NMNM-109399		T23N R8W			167.16			Tract 5.1			0.01305201
			Sec. 6 Lots 10, 11, 5/2SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	78.972154%	
									ROYALTY		12.500000%	
									ORRI		8.527846%	
										100.000000%	100.000000%	
Tract 5.2	NMNM-109399		T23N R8W			320.00			Tract 5.2			0.02498587
			Sec. 8 E/2						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	79.070842%	
									ROYALTY		12.500000%	
									ORRI		8.429158%	
										100.000000%	100.000000%	
Tract 6	NMNM-118731		T23N R9W			1,120.00			Tract 6			0.08745054
			Sec. 27 W/2, SE/4						WORKING INTEREST			
			Sec. 28 E/2						XTO Energy Inc.	100.000000%	87.500000%	
			Sec. 33 E/2						ROYALTY		12.500000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 7	NMNM-121961		T23N R9W			320.00			Tract 7			0.02498587
			Sec. 15 NW/4						WORKING INTEREST			
			Sec. 27 NE/4						WPX Energy Production, LLC	100.000000%	87.500000%	
									ROYALTY		12.500000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 8.1	NMNM-136066		T23N R9W			160.00			Tract 8.1			0.01249293
			Sec. 34 SW/4						WORKING INTEREST			
									Coleman Oil & Gas, Inc.	0.512523%	0.448458%	
									DJ Simmons, Inc.	0.128131%	0.112115%	
									Elm Ridge Exploration Co., LLC	0.860879%	0.753269%	
									Logos Resources, LLC	0.480490%	0.420429%	
									XTO Energy Inc.	8.969156%	7.848012%	
									WPX Energy Production LLC	89.048821%	77.917717%	
									ROYALTY		12.500000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 8.2	NMNM-136067		T23N R9W			160.00			Tract 8.2			0.01249293
			Sec. 35 SE/4						WORKING INTEREST			
									Coleman Oil & Gas, Inc.	0.512523%	0.448458%	
									DJ Simmons, Inc.	0.128131%	0.112115%	
									Elm Ridge Exploration Co., LLC	0.860879%	0.753269%	
									Logos Resources, LLC	0.480490%	0.420429%	
									XTO Energy Inc.	8.969156%	7.848012%	
									WPX Energy Production LLC	89.048821%	77.917717%	
									ROYALTY		12.500000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	

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Tract 9	NO-G-0107-1490	791-26	T23N R9W Sec. 13: SE/4					160.00	Tract 9			0.01249293
	Heirs of Hun-Wop-Pi								WORKING INTEREST			
									DJ Simmons Inc.	10.000000%	8.000000%	
									WPX Energy Production, LLC	90.000000%	71.000000%	
									ROYALTY		20.000000%	
									ORRI		1.000000%	
										100.000000%	100.000000%	
Tract 10	NO-G-1310-1841	791-25	T23N R9W Sec. 13: NE/4					160.00	Tract 10			0.01249293
	Heirs of Nah-Don-E-Pah								WORKING INTEREST			
									Coleman Oil & Gas, Inc.	20.000000%	16.000000%	
									Lagos Resources, LLC	37.500000%	29.625000%	
									WPX Energy Production, LLC	42.500000%	33.625000%	
									ROYALTY		20.000000%	
									ORRI		0.750000%	
										100.000000%	100.000000%	
Tract 11	NO-G-1312-1846	791-46	T23N R9W Sec. 14: NW/4					160.00	Tract 11			0.01249293
	Heirs of Navjo Jim								WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 12	NO-G-1312-1856	791-30	T23N R9W Sec. 13: NW/4					160.00	Tract 12			0.01249293
	Heirs of Es-Ska-Hup-Pah								WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 13	NO-G-1312-1857	791-52	T23N R9W Sec. 23: SE/4					160.00	Tract 13			0.01249293
	Heirs of Es-Pah								WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 14	NO-G-1312-1858	791-48	T23N R9W Sec. 15: NE/4					160.00	Tract 14			0.01249293
	Heirs of Glen-E-Yat								WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 15	NO-G-1312-1860	791-49	T23N R9W Sec. 15: SE/4					160.00	Tract 15			0.01249293
	Heirs of Es-Ska-Ti-Ele-Guthle								WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	

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TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON- COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES = PARTICIPATION FACTOR
Tract 16	NO-G-1312-1861	791-41	T23N R8W					160.00	Tract 16			0.01249293
	Heirs of Sun-Sup-PI		Sec. 7: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 17	NO-G-1312-1862	791-51	T23N R9W					160.00	Tract 17			0.01249293
	Heirs of Es-Nus-Pah		Sec. 23: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 18	NO-G-1312-1863	791-53	T23N R9W					160.00	Tract 18			0.01249293
	Heirs of Biz-De-Pah		Sec. 23: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 19	NO-G-1401-1864	791-39	T23N R8W					160.22	Tract 19			0.01251013
	Heirs of Yah-Des-Pah		Sec. 7: Lots 1, 2, E/2NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 20	NO-G-1401-1865	791-42	T23N R8W					160.00	Tract 20			0.01249293
	Heirs of Nah-Glen-Nes-Pah		Sec. 7: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 21	NO-G-1401-1867	791-38	T23N R8W					159.42	Tract 21			0.01244767
	Heirs of Nah-Ta-Slup-PI		Sec. 7: Lots 3, 4, E/2SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 22	NO-G-1401-1870	791-35	T23N R9W					160.00	Tract 22			0.01249293
	Heirs of Tah-e-Yah		Sec. 12: NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	

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TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON-COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES * PARTICIPATION FACTOR
Tract 23	NO-G-1401-1871	791-33	T23N R9W					160.00	Tract 23			0.01249293
	Heirs of Nah-Ti-Yaz-Za		Sec. 11: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 24	NO-G-1401-1872	791-50	T23N R9W					160.00	Tract 24			0.01249293
	Heirs of Nut-Cla		Sec. 23: NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 25	NO-G-1401-1877	791-57	T23N R9W					160.00	Tract 25			0.01249293
	Heirs of My-Yau-A-Gustine		Sec. 22: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 26	NO-G-1401-1878	791-31	T23N R9W					160.00	Tract 26			0.01249293
	Heirs of Es-Kil-Pah-E		Sec. 13: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 27	NO-G-1401-1880	791-28	T23N R9W					160.00	Tract 27			0.01249293
	Heirs of Be-Tog-Gah-Et-Sosa		Sec. 14: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 28	NO-G-1402-1885	791-44	T23N R8W					160.00	Tract 28			0.01249293
	Heirs of Nah-Clen-De-Pah		Sec. 8 NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 29	NO-G-1402-1888	791-66	T23N R9W					160.00	Tract 29			0.01249293
	Heirs of Pah-Ah		Sec. 11: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	

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TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON- COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES * PARTICIPATION FACTOR
Tract 30	NO-G-1402-1890	791-58	T23N R9W					160.00	Tract 30			0.01249293
	Heirs of Et-Sun-Et-Clod		Sec. 22: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 31	NO-G-1402-1891	791-34	T23N R9W					160.00	Tract 31			0.01249293
	Heirs of Ah-Ka-Ne-Pah		Sec. 12: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 32	NO-G-1403-1908	791-43	T23N R8W					160.00	Tract 32			0.01249293
	Heirs of Es-Sun-Teal		Sec. 8 SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 33	NO-G-1403-1938	791-244	T23N R9W					160.00	Tract 33			0.01249293
	Heirs of Es-Snah-Pah		Sec. 33: NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 34	NO-G-1403-1939	791-63	T23N R9W					160.00	Tract 34			0.01249293
	Heirs of E-Nah-E-Guthle		Sec. 21: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 35	NO-G-1403-1942	791-40	T23N R9W					160.00	Tract 35			0.01249293
	Heirs of Sosa		Sec. 12: NE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 36	NO-G-1403-1944	791-27	T23N R9W					160.00	Tract 36			0.01249293
	Heirs of Ah-Des-Pi-Ah		Sec. 12: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	

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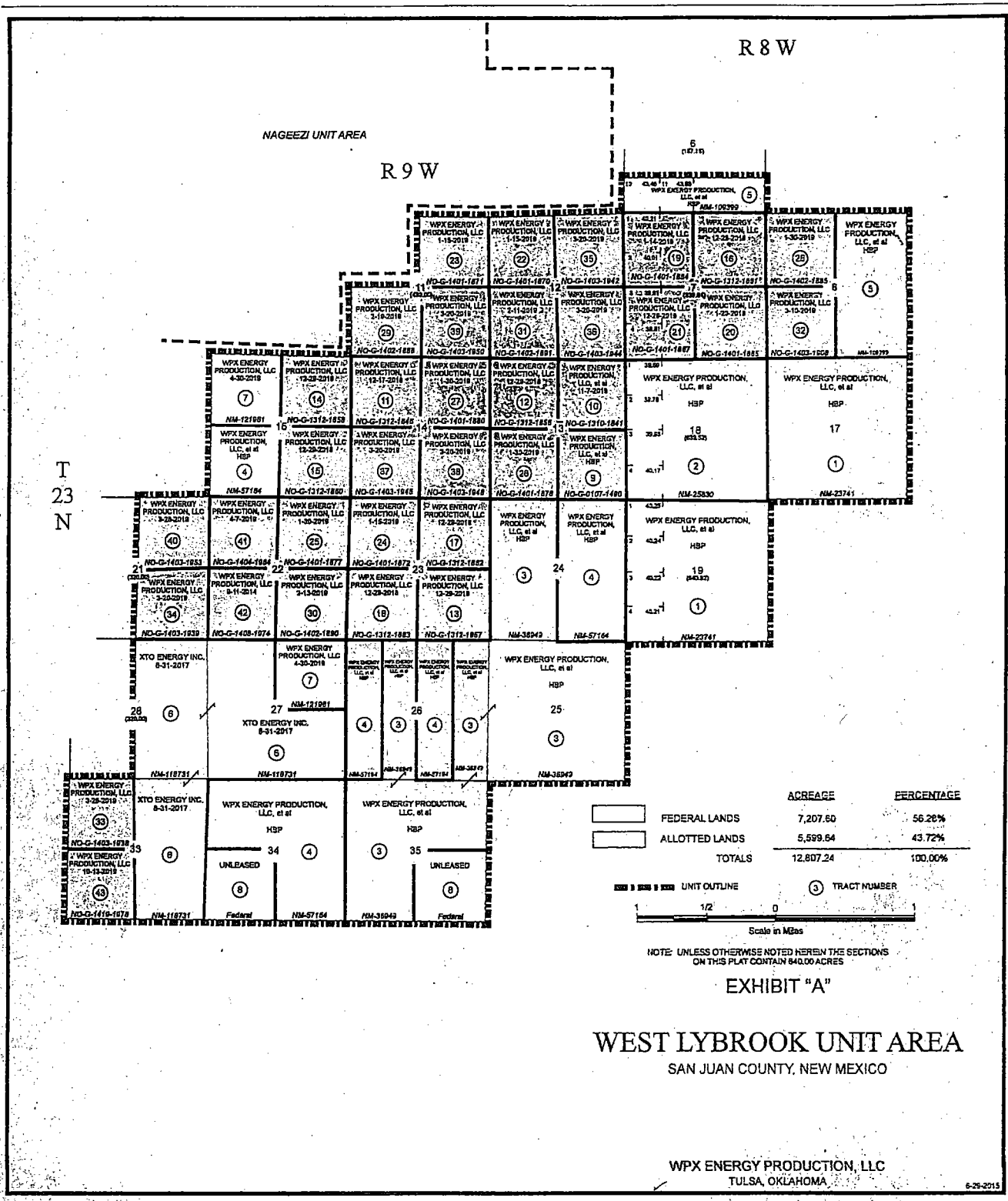
TRACTS	SERIAL NUMBER	ALLOTMENT NUMBER	DESCRIPTION	NON-COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES	TRACT OWNERSHIP	GWI PERCENTAGE	NRI PERCENTAGE	TRACT ACRES / UNIT ACRES = PARTICIPATION FACTOR
Tract 37	NO-G-1403-1945	791-47	T23N R9W					160.00	Tract 37			0.01249293
	Heirs of Pah		Sec. 14: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 38	NO-G-1403-1948	791-29	T23N R9W					160.00	Tract 38			0.01249293
	Heirs of Et-Sun-Sa-le		Sec. 14: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 39	NO-G-1403-1950	791-32	T23N R9W					160.00	Tract 39			0.01249293
	Heirs of Cle-Hah-Pah		Sec. 11: SE/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	80.000000%	
									ROYALTY		20.000000%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 40	NO-G-1403-1953	791-61	T23N R9W					160.00	Tract 40			0.01249293
	Heirs of Mose Morgan or Nah-Ti-Sa-Zine		Sec. 21: NE/4						WORKING INTEREST			
									Coleman Oil & Gas, Inc.	20.000000%	16.000000%	
									WPX Energy Production, LLC	80.000000%	63.250000%	
									ROYALTY		20.000000%	
									ORRI		0.750000%	
										100.000000%	100.000000%	
Tract 41	NO-G-1404-1964	791-59	T23N R9W					160.00	Tract 41			0.01249293
	Heirs of Tale		Sec. 22: NW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	83.333333%	
									ROYALTY		16.666667%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 42	NO-G-1408-1974	791-60	T23N R9W					160.00	Tract 42			0.01249293
	Heirs of Es-Sho-E		Sec. 22: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	83.333333%	
									ROYALTY		16.666667%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Tract 43	NO-G-1419-1978	791-245	T23N R9W					160.00	Tract 43			0.01249293
	Heirs of Es-Skin-Pah		Sec. 33: SW/4						WORKING INTEREST			
									WPX Energy Production, LLC	100.000000%	83.333333%	
									ROYALTY		16.666667%	
									ORRI		0.000000%	
										100.000000%	100.000000%	
Total Unit Acres = 12,807.24						7,207.60		5,599.64	12,807.24 Total Unit Acres			
				NON-COMMITTED ACRES	FEE ACRES	FEDERAL ACRES	STATE ACRES	BIA ACRES				
									56.277543%			
									43.722457%			

West Lybrook Unit, NMNM 135216X

Working Interest Owners Contact Sheet

1	Coleman Oil & Gas, Inc. Mr. Mike Palmer P.O. Box 3337 Farmington, NM 87499	4	Logos Resources, LLC Mr. Austin Akers 4001 North Butler Ave, Building 7101 Farmington, NM 87401
2	DJ Simmons, Inc. Mr. Chris Lopez 1009 Ridgeway Place Farmington, NM 87401	5	XTO Energy, Inc. Mr. Jackson Dean 810 Houston Street Fort Worth, TX 76102
3	Elm Ridge Exploration Co., LLC Mr. James Clark 1225 Greenville Ave, Suite 950 Dallas, TX 75243	6	WPX Energy Production, LLC Mr. Brennan West One Williams Center, Suite 25-125 Tulsa, OK 74172

SCHEDULE I	
NMNM 135216X	
INITIAL PARTICIPATING AREA FOR THE	
FULLY EXPANDED WEST LYBROOK UNIT	
MANCOS FORMATION	
SAN JUAN COUNTY, NM	
RECAPITULATION	
of	
WORKING INTERESTS	
WORKING INTEREST OWNERS	GWI
Coleman Oil & Gas, Inc.	0.00512523
DJ Simmons, Inc.	0.00128131
Elm Ridge Exploration Co., LLC	0.00860879
Logos Resources, LLC	0.00480490
XTO Energy Inc.	0.08969156
WPX Energy Production LLC	0.89048821
TOTAL GWI	1.00000000



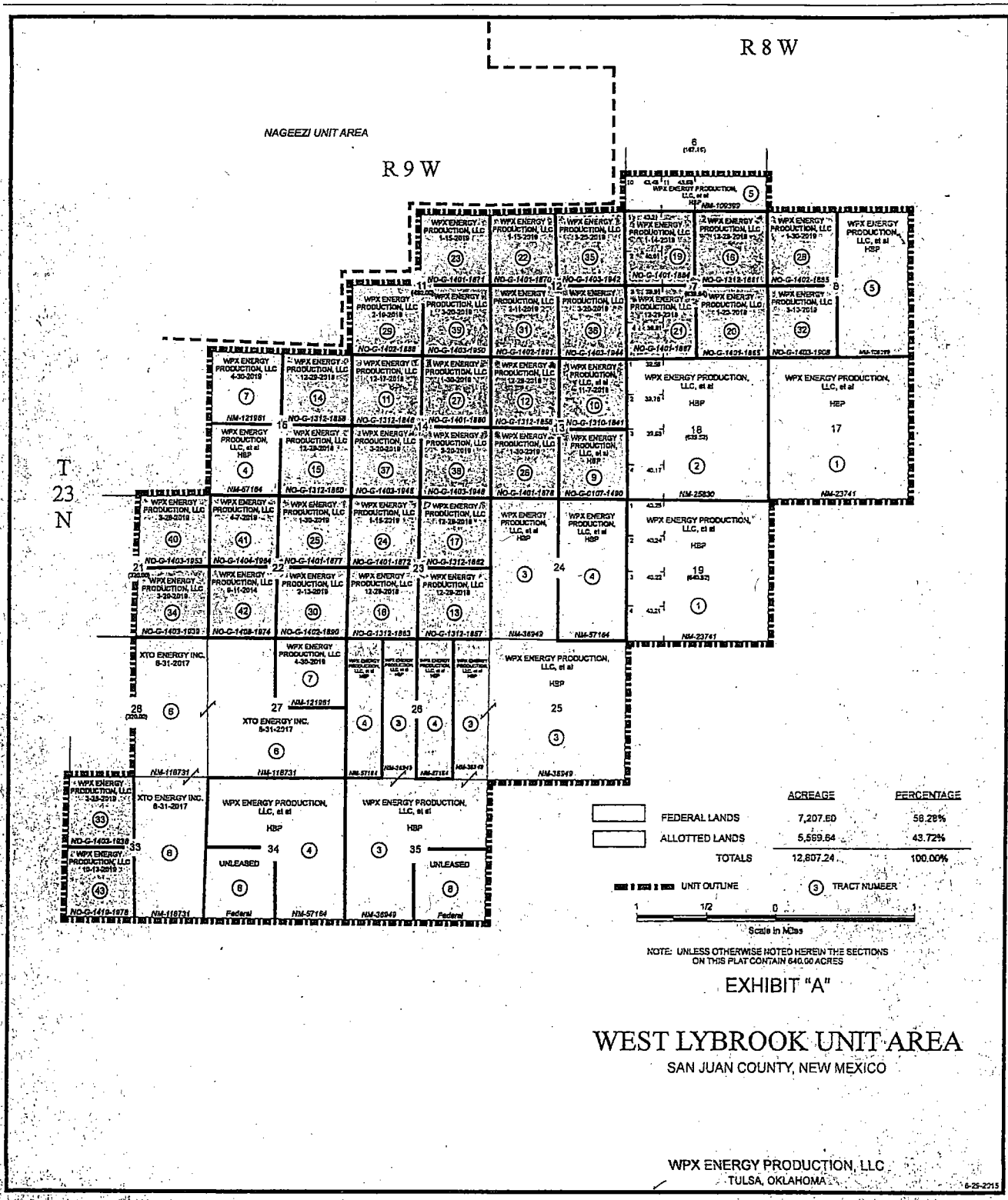
SCHEDULE I
NMNM 135216X
 INITIAL PARTICIPATING AREA FOR THE
 FULLY EXPANDED WEST LYBROOK UNIT
 MANCOS FORMATION
 SAN JUAN COUNTY, NM

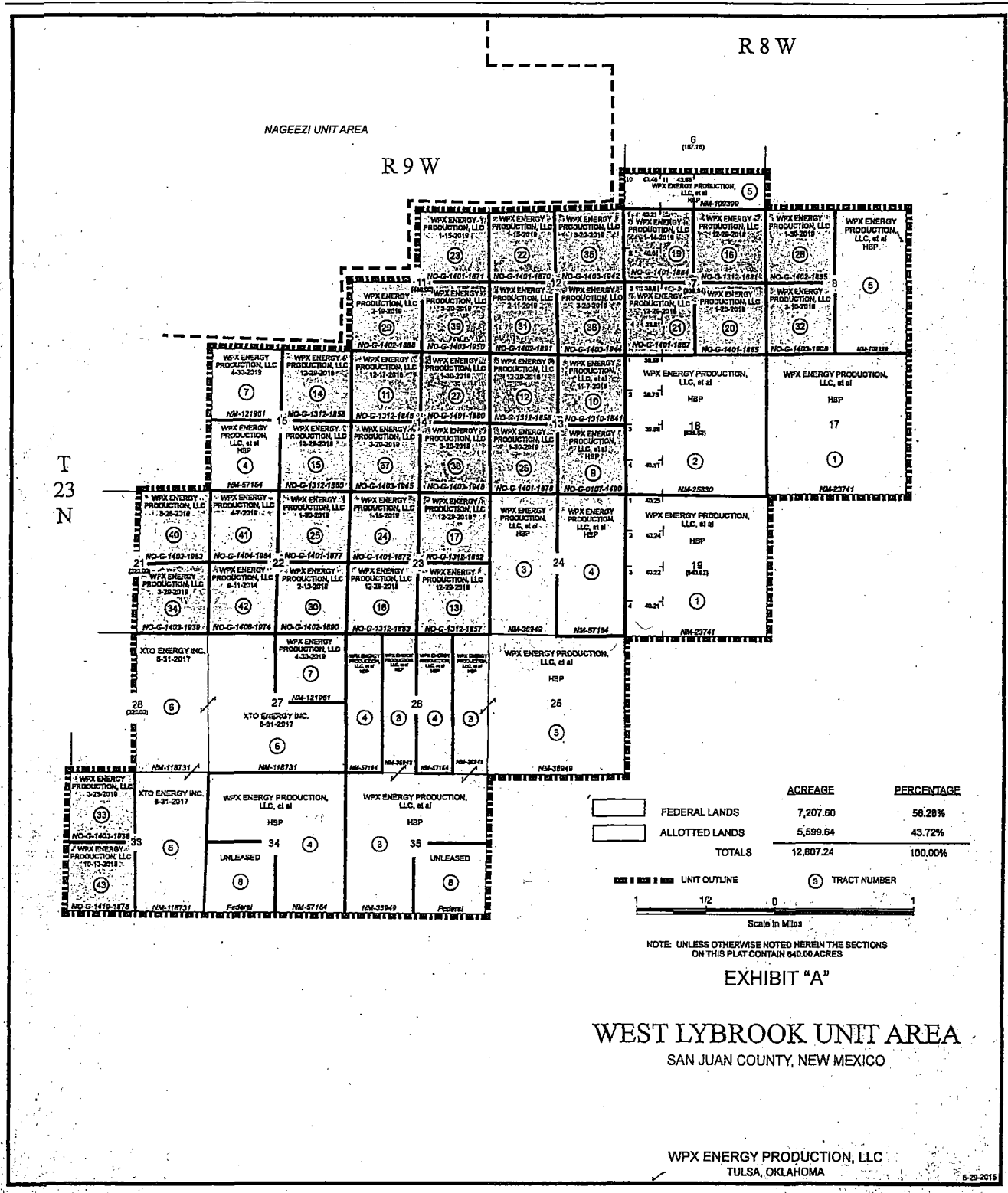
RECAPITULATION OF UNIT PARTICIPATING AREA ACREAGE

Description of lands in the Initial Mancos Participating Area:

TWP	RNG	SEC	LEGAL	FEDERAL ACRES	BIA ACRES
23N	8W	6	Lots 10, 11, S/2SE/4	167.16	
23N	8W	7	NE/4		160.00
23N	8W	7	Lots 1, 2, E/2NW/4		160.22
23N	8W	7	SE/4		160.00
23N	8W	7	Lots 3, 4, E/2SW/4		159.42
23N	8W	8	E/2	320.00	
23N	8W	8	NW/4		160.00
23N	8W	8	SW/4		160.00
23N	8W	17	ALL	640.00	
23N	8W	18	Lots 1, 2, 3, E/2, E/2W/2	599.38	
23N	8W	18	Lot 4	40.14	
23N	8W	19	Lots 1, 2, 3, 4, E/2, NE/4NW/4, E/2SE/4	600.92	
23N	8W	19	SE/4NW/4	40.00	
23N	9W	11	NE/4		160.00
23N	9W	11	SW/4		160.00
23N	9W	11	SE/4		160.00
23N	9W	12	NE/4		160.00
23N	9W	12	NW/4		160.00
23N	9W	12	SW/4		160.00
23N	9W	12	SE/4		160.00
23N	9W	13	NE/4		160.00
23N	9W	13	NW/4		160.00
23N	9W	13	SW/4		160.00
23N	9W	13	SE/4		160.00
23N	9W	14	NE/4		160.00
23N	9W	14	NW/4		160.00
23N	9W	14	SW/4		160.00
23N	9W	14	SE/4		160.00
23N	9W	15	NE/4		160.00
23N	9W	15	NW/4	160.00	
23N	9W	15	SW/4	160.00	
23N	9W	15	SE/4		160.00
23N	9W	21	NE/4		160.00
23N	9W	21	SE/4		160.00
23N	9W	22	NE/4		160.00
23N	9W	22	NW/4		160.00
23N	9W	22	SW/4		160.00
23N	9W	22	SE/4		160.00
23N	9W	23	NE/4		160.00
23N	9W	23	NW/4		160.00
23N	9W	23	SW/4		160.00
23N	9W	23	SE/4		160.00
23N	9W	24	E/2	320.00	
23N	9W	24	NE/4NW/4; S/2NW/4; SW/4	280.00	
23N	9W	24	NW/4NW/4	40.00	
23N	9W	25	ALL	640.00	
23N	9W	26	E/2E/2, E/2W/2	320.00	
23N	9W	26	W/2E/2, W/2W/2	320.00	
23N	9W	27	NE/4	160.00	
23N	9W	27	W/2, SE/4	480.00	
23N	9W	28	E/2	320.00	
23N	9W	33	E/2	320.00	
23N	9W	33	NW/4		160.00
23N	9W	33	SW/4		160.00
23N	9W	34	N/2, SE/4	480.00	
23N	9W	34	SW/4	160.00	
23N	9W	35	N/2, SW/4	480.00	
23N	9W	35	SE/4	160.00	
Total Unit Acres = 12,807.24				7,207.60	5,599.64
				FEDERAL ACRES	BIA ACRES
				56.277543%	43.722457%

SCHEDULE I	
NMMN 135216X	
INITIAL PARTICIPATING AREA FOR THE	
FULLY EXPANDED WEST LYBROOK UNIT	
MANCOS FORMATION	
SAN JUAN COUNTY, NM	
RECAPITULATION	
of	
WORKING INTERESTS	
WORKING INTEREST OWNERS	GWI
Coleman Oil & Gas, Inc.	0.00512523
DJ Simmons, Inc.	0.00128131
Elm Ridge Exploration Co., LLC	0.00860879
Logos Resources, LLC	0.00480490
XTO Energy Inc.	0.08969156
WPX Energy Production LLC	0.89048821
TOTAL GWI	1.00000000





WEST LYBROOK UNIT

Mancos Formation, San Juan County, NM

Geologic Exhibits

Mancos Structure Map

Pool Map

West Lybrook Strike A-A (8.5x11)

West Lybrook Strike A-A (11x17)

West Lybrook Dip B-B (8.5x11)

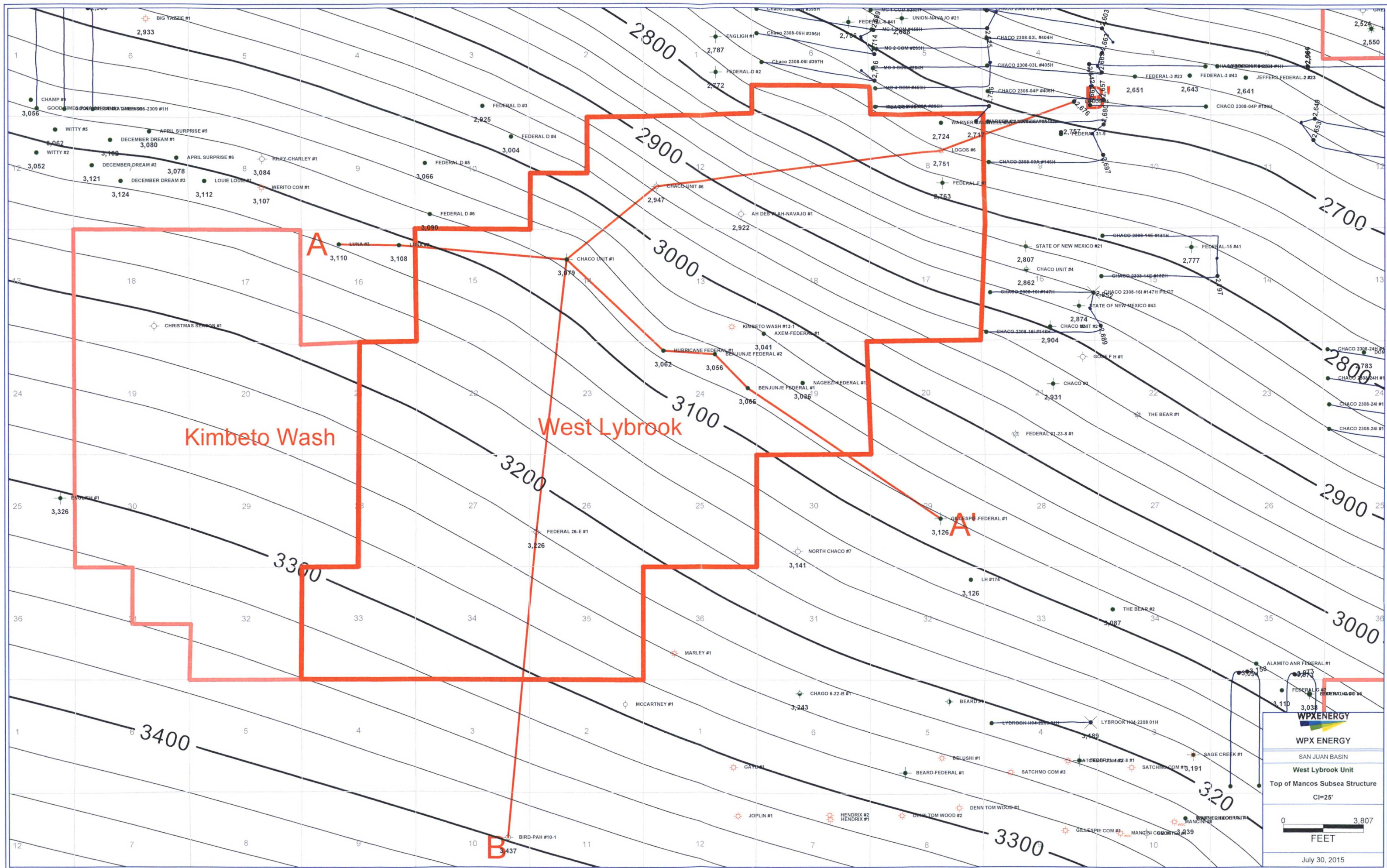
West Lybrook Dip B-B (11x17)

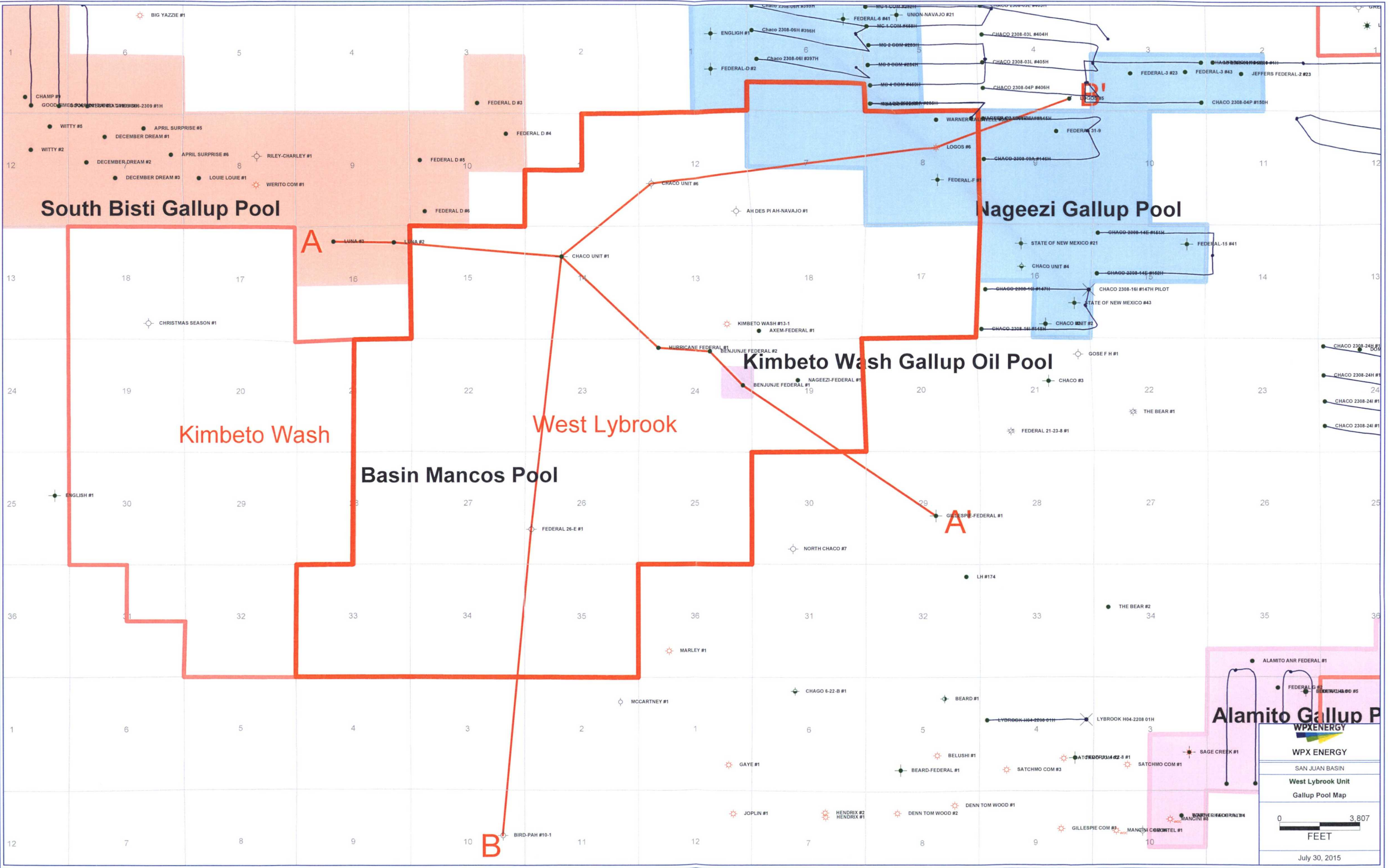
West Lybrook Type Log

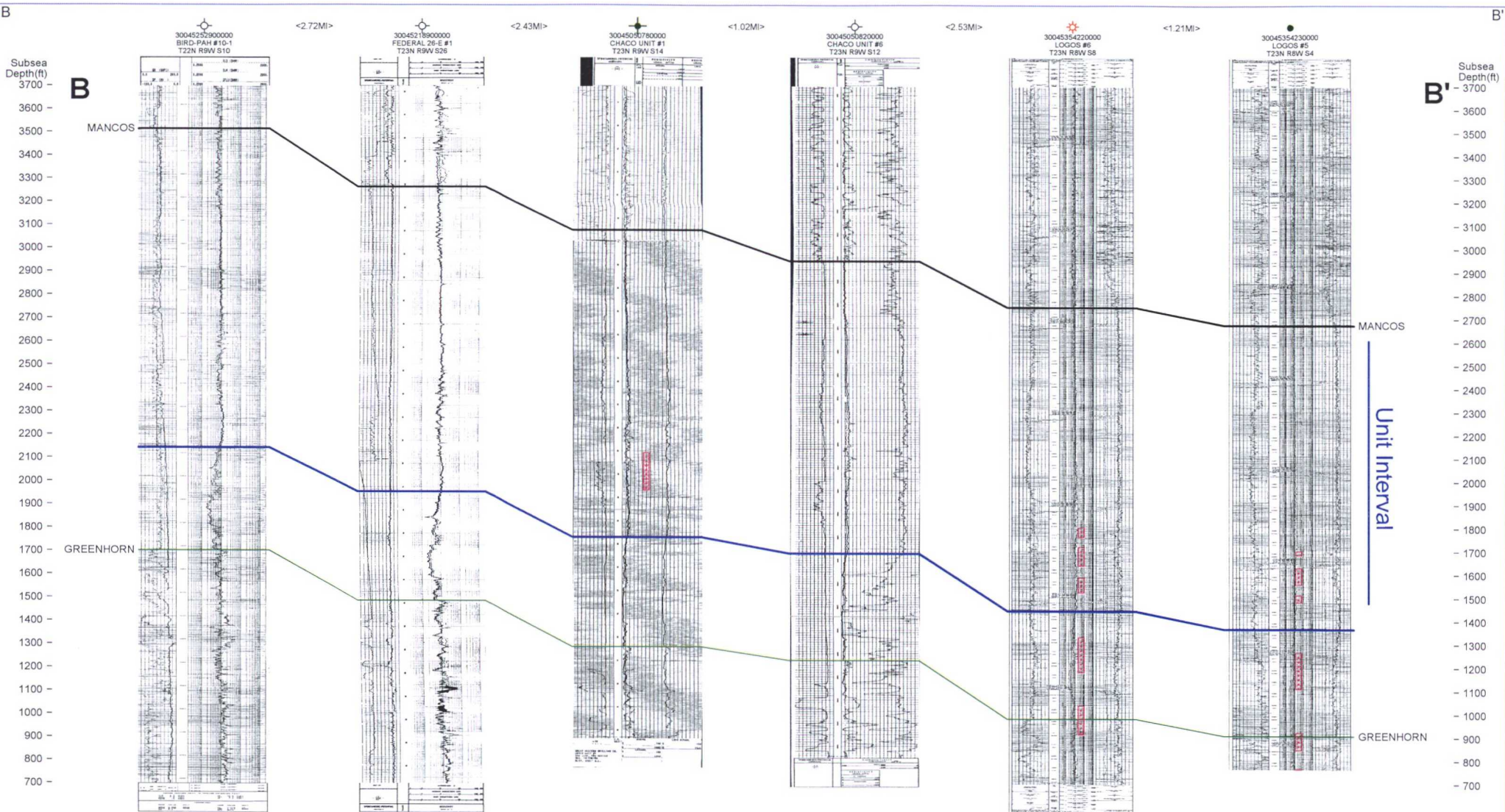
West Lybrook Wellbore Landing & Placement

Initial Unit Participating Area

Submission dated 2016-05-19

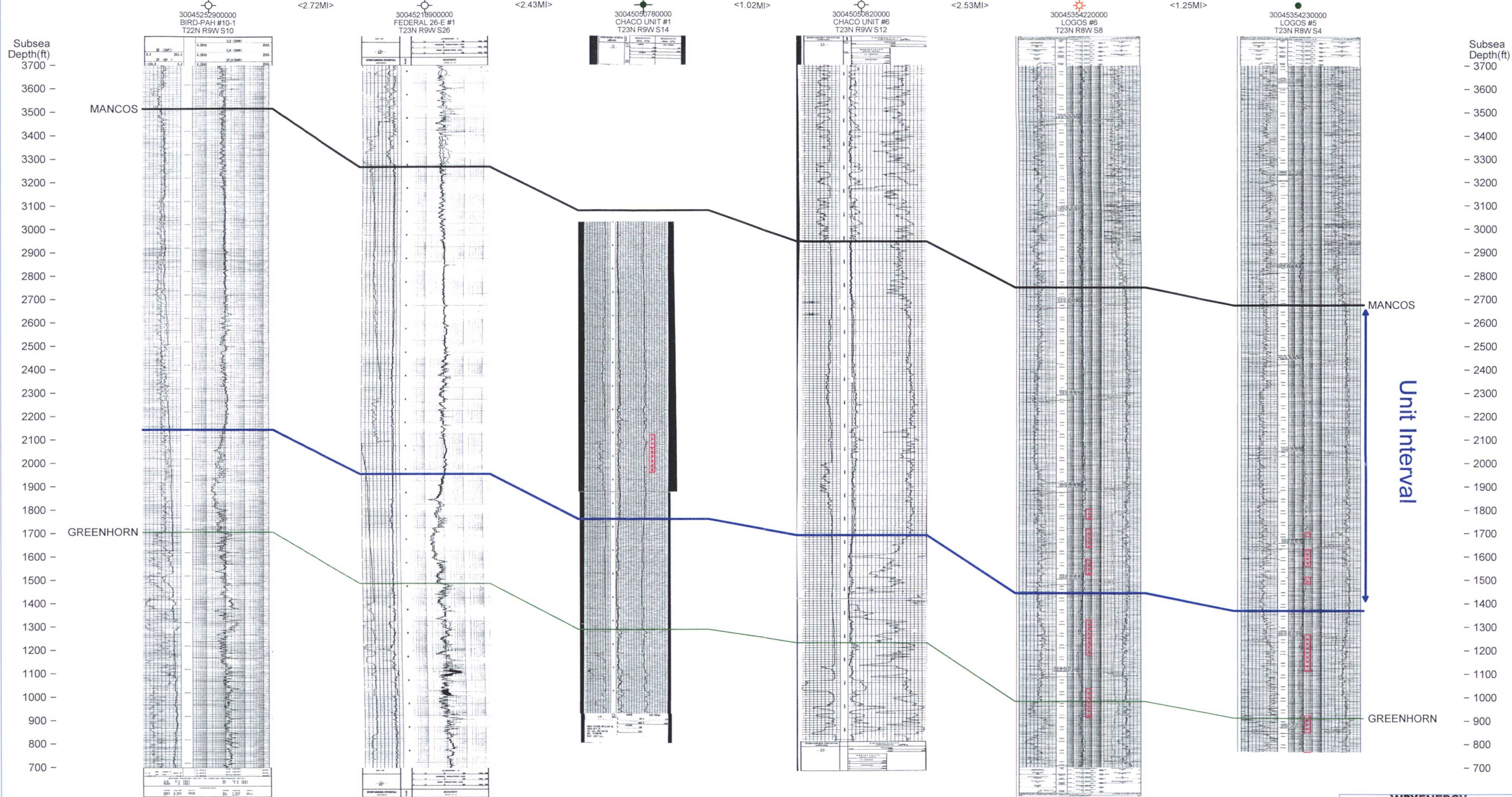






WPX
San Juan Basin
Mancos/Gallup
Dip Cross Section B-B
Structural Cross Section
By SCS
March 8, 2015 10:00 PM

B



B'



WPX

San Juan Basin

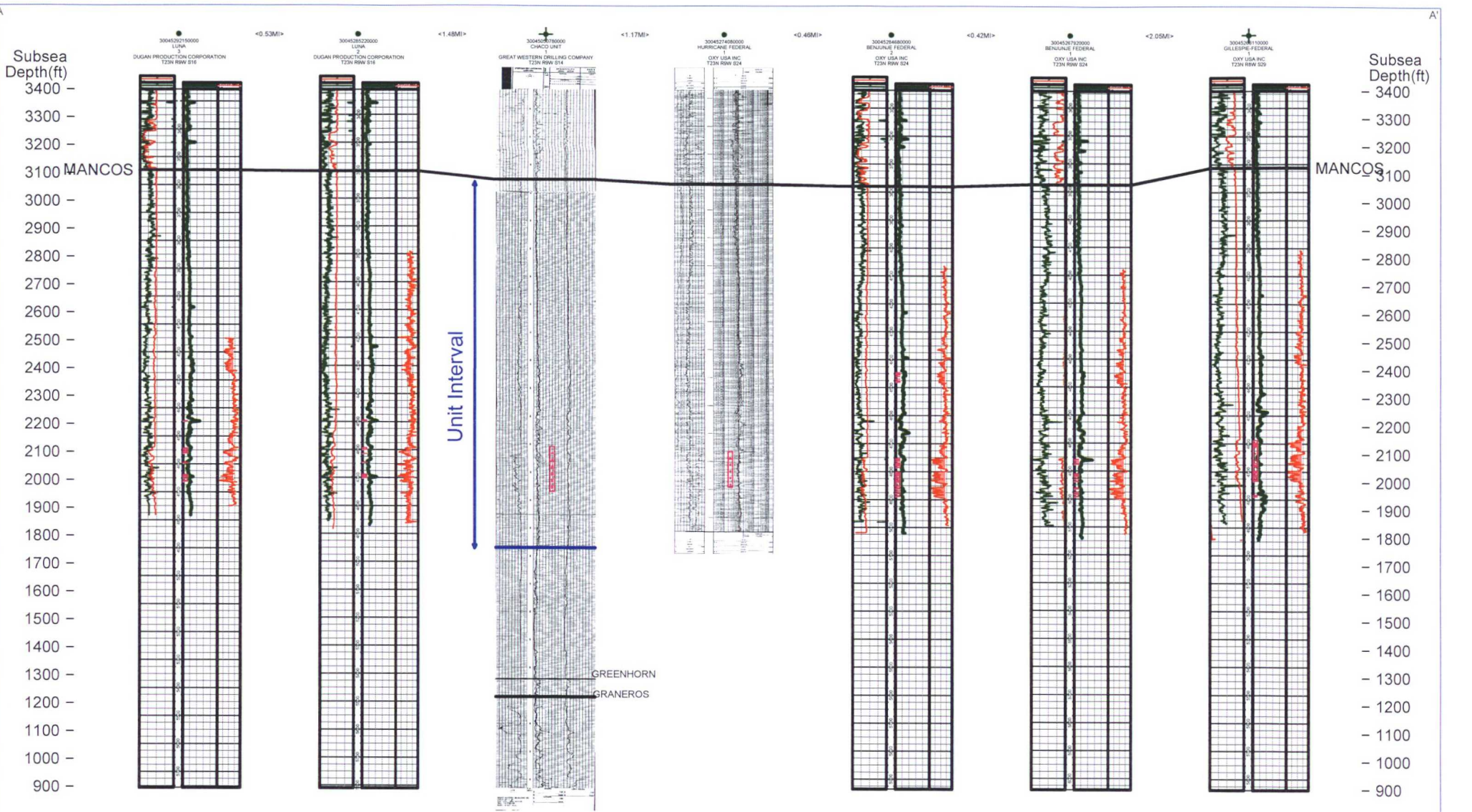
Mancos/Gallup

Dip Cross Section B-B

Structural Cross Section

By: SCS

July 30, 2015 10:53 AM



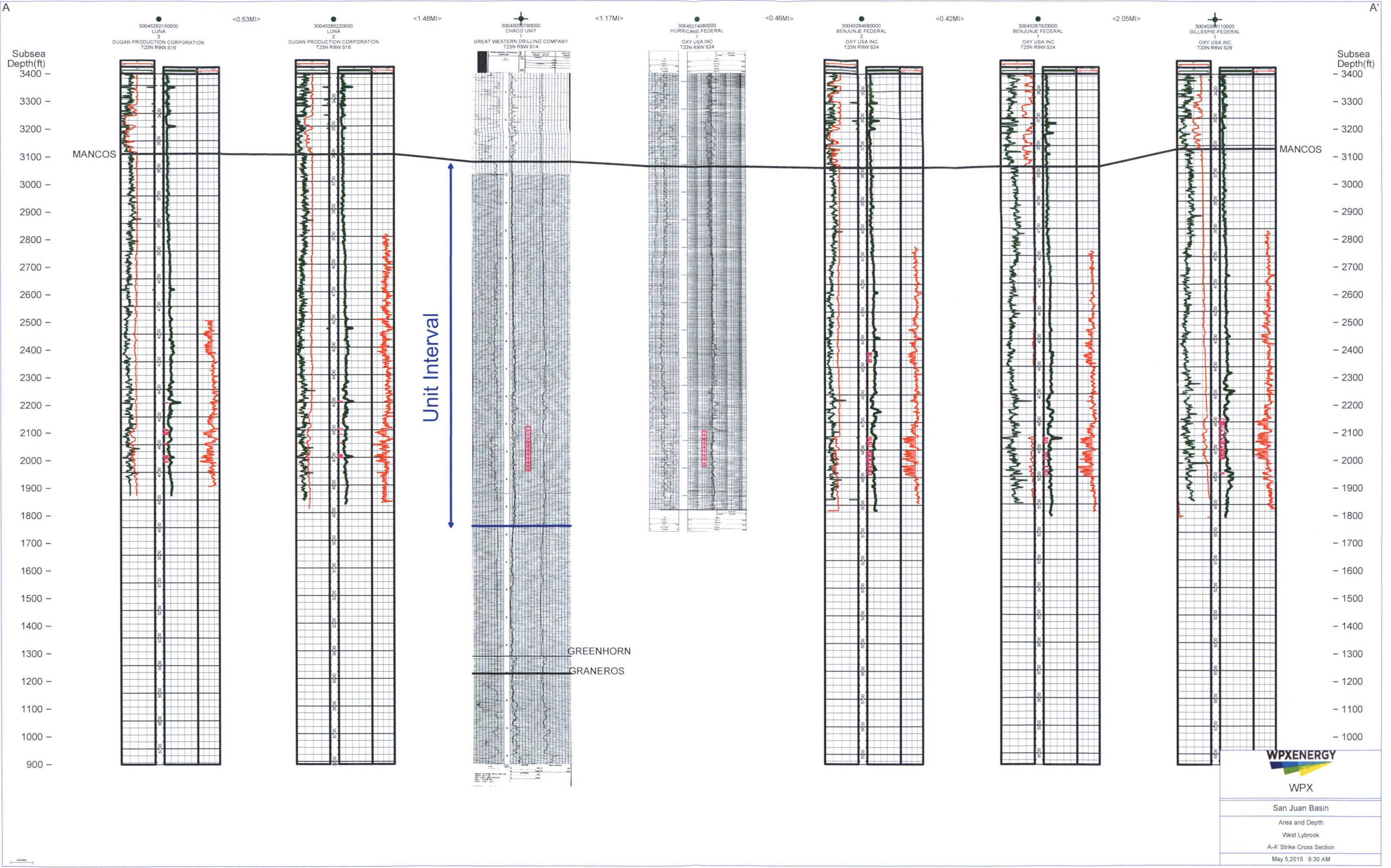
WPX

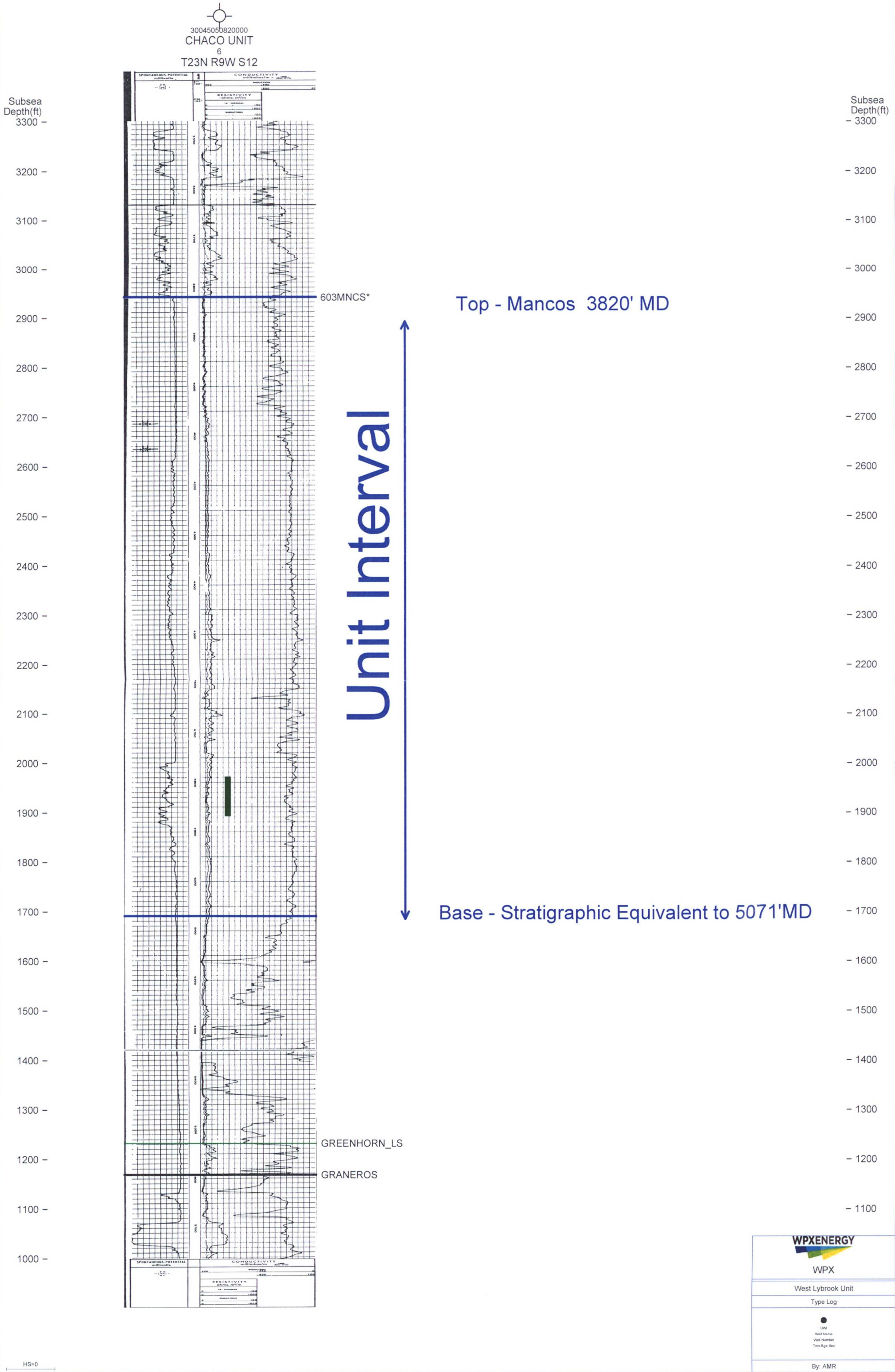
San Juan Basin

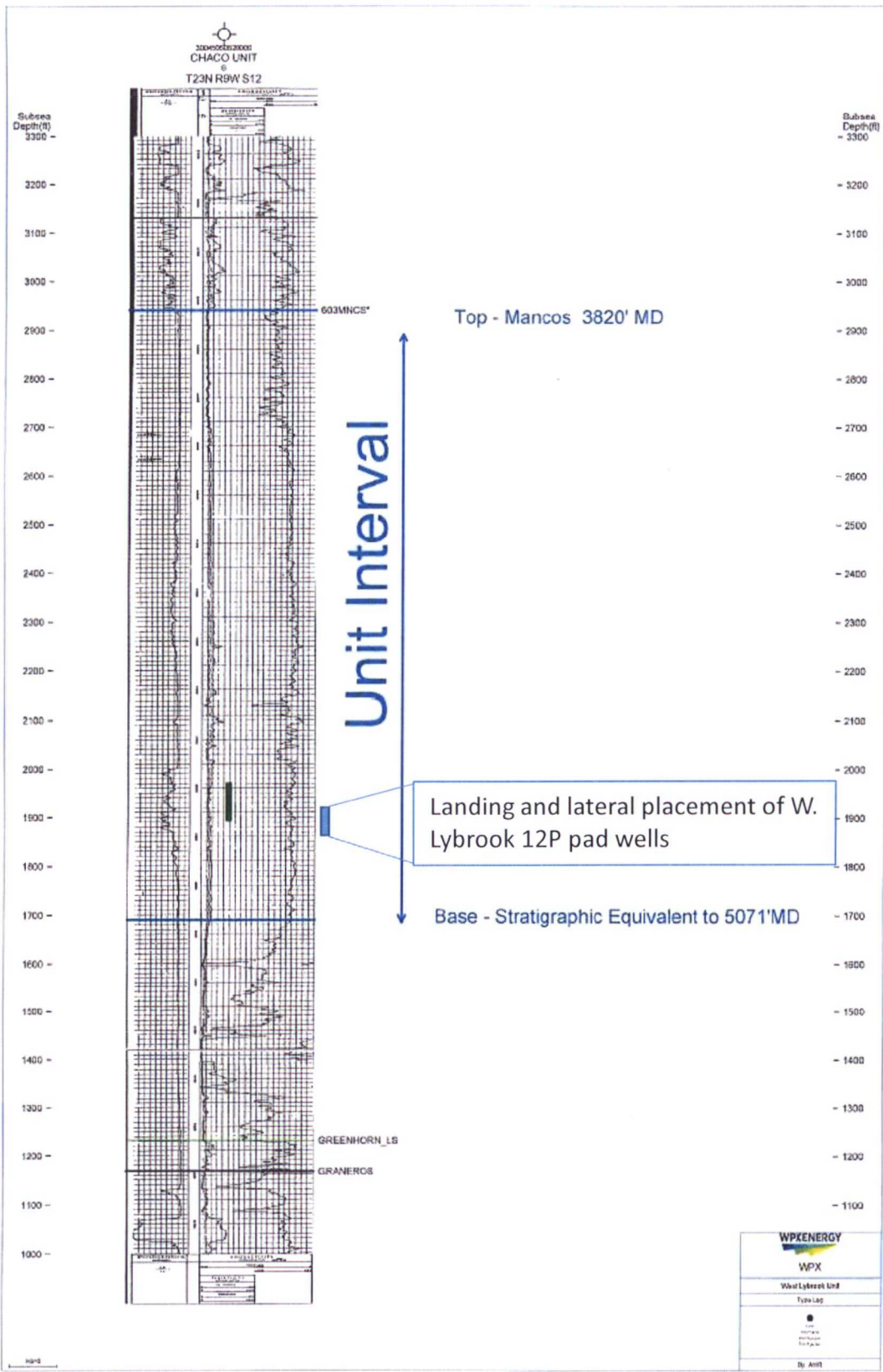
Area and Depth
West Lybrook

A-A' Strike Cross Section

May 4, 2015 5:26 PM







3004505820000
CHACO UNIT
6
T23N R9W S12

Exhibit "C"

Subsea
Depth(ft)
3300 -

Subsea
Depth(ft)
- 3300

3200 -

- 3200

3100 -

- 3100

3000 -

- 3000

2900 -

- 2900

2800 -

- 2800

2700 -

- 2700

2600 -

- 2600

2500 -

- 2500

2400 -

- 2400

2300 -

- 2300

2200 -

- 2200

2100 -

- 2100

2000 -

- 2000

1900 -

- 1900

1800 -

- 1800

1700 -

- 1700

1600 -

- 1600

1500 -

- 1500

1400 -

- 1400

1300 -

- 1300

1200 -

- 1200

1100 -

- 1100

1000 -

603MNCS*

Top - Mancos 3820' MD

Unit Interval

Base - Stratigraphic Equivalent to 5071' MD

GREENHORN_LS

GRANEROS

WPXENERGY

WPX

West Lybrook Unit

Type Log

Log

Well Name

Well Number

Tool Rig Set

By: AMR

BLM Assistant Field Manager, Minerals
FIMO, Director
May 19, 2016

The unitized interval for West Lybrook is the following:

All oil and gas from the top of the Mancos formation at a measured depth of 3,820 feet down to the stratigraphic equivalent at a depth of 5,071 feet as encountered in the Federal Davis Oil Company Chaco #6 well in Section 12, Township 23 North, Range 9 West, N.M.P.M. (API #30-045-05082).

WPX completed the drilling of six horizontal wells (identified below) in the West Lybrook Unit Area on May 1, 2016 in compliance with the Approved Plan of Development through the Mancos Formation. Production is anticipated to begin within the next six weeks.

No.:	Well Name:	API #:	County:	State:	Operator:
1	W LYBROOK UT #707H GL	30-045-35739	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC
2	W LYBROOK UT #708H GL	30-045-35740	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC
3	W LYBROOK UT #709H GL	30-045-35741	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC
4	W LYBROOK UT #747H GL	30-045-35742	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC
5	W LYBROOK UT #748H GL	30-045-35743	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC
6	W LYBROOK UT #749H GL	30-045-35744	SAN JUAN	NM	WPX ENERGY PRODUCTION LLC

This submission includes the following information covering the West Lybrook Unit, Mancos Formation, Initial Participating Area, for your review:

- Schedule I
 - Description of the Participating Area, showing the percentages of ownership in the tracts, and the percentages of unitized substances allocated to each unitized tract;
- Recapitulation of Unit Participating Area Acreage (by Legal Descriptions);
- Recapitulation of Working Interests;
- Exhibit "A" Map of Unit Area;
- Geologic Exhibits

If the proposed Participating Area, set forth herein meets with your approval, please indicate such approval in the space provided on the attached signature page and return your executed reply for our files. If you have any questions regarding this submission, please do not hesitate in contacting WPX Landman, Brennan West (539) 573-2878 or me.

Respectfully yours,



Mark Beach
Division Order Team Lead
(539) 573-4684

Copies of this submission package is being provided to the parties identified on the Working Interest Owners Contact Sheet.

BLM Assistant Field Manager, Minerals
May 19, 2016

APPROVED


Authorized Officer, Minerals
Bureau of Land Management

DATE

5/26/2016

The foregoing is the approval for the West Lybrook Unit, Mancos Formation, Initial Fully Expanded Participating Area, NMNM 135216X, submission dated May 19, 2016.

West Lybrook Unit, NMNM 135216X

Working Interest Owners Contact Sheet

1	Coleman Oil & Gas, Inc. Mr. Mike Palmer P.O. Box 3337 Farmington, NM 87499	4	Logos Resources, LLC Mr. Austin Akers 4001 North Butler Ave, Building 7101 Farmington, NM 87401
2	DJ Simmons, Inc. Mr. Chris Lopez 1009 Ridgeway Place Farmington, NM 87401	5	XTO Energy Inc. Mr. Jackson Dean 810 Houston Street Fort Worth, TX 76102
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