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March 6, 2014

Bureau of Land Management
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292

State of New Mexico
Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, New Mexico 87504

RE: Southeast Monument (SEMU) Unit
I-SEC. No. 321, Serial No. NMNM-071041X
2014 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 100197

Gentlemen:

ConocoPhillips Company, as Unit Operator of the Southeast Monument (SEMU) Unit, hereby submits for your approval, our 2014 Plan of Development.

Items are included as follows: Planned 2014 operations; previous year operations; current status of all wells within the unit; production graphs for each productive reservoir. Also attached are three current maps, each showing respectively the units: structural and geologic interpretations; participating area boundaries; wells, flow-lines, and roads.

It is understood that approval of this plan does not approve the work covered by the plan. Individual approval is still required for such items as APDs/ROWs/etc.

Any modifications or additions to this Plan of Development will be filed as supplements to the plan.

Sincerely,

Thomas J. Scarbrough, CPL
Staff Landman

2014 Planned Operations:

Drilling

Well Name	Location	Est. Spud Date	Objective Formation
SEMU #184	T20S-R37E, Sec 15 Unit A	11/1/2014	Blaine/Tubb/Drinkard
SEMU #185	T20S-R37E, Sec 14 Unit C	11/12/2014	Blaine/Tubb/Drinkard
SEMU #186	T20S-R37E, Sec 14 Unit G	11/23/2014	Blaine/Tubb/Drinkard
SEMU #243	T20S-R38E, Sec 19 Unit O	6/29/2014	Grayburg
SEMU #244	T20S-R38E, Sec 19 Unit O	6/16/2014	Grayburg
SEMU #245	T20S-R38E, Sec 19 Unit J	7/5/2014	Grayburg
SEMU #246	T20S-R38E, Sec 19 Unit J	6/23/2014	Grayburg
SEMU #247	T20S-R37E, Sec 24 Unit H	7/17/2014	Grayburg
SEMU #249	T20S-R38E, Sec 19 Unit E	7/23/2014	Grayburg
SEMU #250	T20S-R38E, Sec 19 Unit F	7/11/2014	Grayburg
SEMU #251	T20S-R38E, Sec 19 Unit B	8/5/2014	Grayburg
SEMU #253	T20S-R38E, Sec 19 Unit D	7/30/2014	Grayburg
SEMU #266	T20S-R38E, Sec 19 Unit I	8/11/2014	Grayburg

Re-Completions and Plug Backs

Well Name	API #	Locations	Original Zone	Objective Zone
SEMU #128	30-025-34313	T20S-R37E-Sec 24 Unit I	Tubb	Grayburg
SEMU #122	30-025-30429	T20S-R37E-Sec 23 Unit D	Tubb	Grayburg
SEMU #123	30-025-31178	T20S-R37E-Sec 25 Unit F	Blaine	Grayburg
SEMU #154	30-025-35383	T20S-R37E-Sec 25 Unit C	P&A	Grayburg

Conversion

Well Name	API #	Locations	Original Zone	Objective Zone
SEMU #021	30-025-07816	T20S-R38E-Sec 19 Unit O	Tubb	Grayburg - WI
SEMU #059	30-025-07834	T20S-R38E-Sec 20 Unit M	Blinberry/Tubb/Drinkard	Grayburg - WI
SEMU #125	30-025-34126	T20S-R38E-Sec 18 Unit M	Tubb	Grayburg - WI
SEMU #126	30-025-34127	T20S-R38E-Sec 19 Unit M	Tubb	Grayburg - WI
SEMU #157	30-025-35538	T20S-R38E-Sec 30 Unit A	Tubb/Drinkard	Grayburg - WI

Abandonment

Well Name	API #	Location	Status
SEMU #128	30-025-34313	T20S-R37E-Sec 24 Unit I	Analyzing
SEMU #134	30-025-07816	T20S-R38E-Sec 30 Unit M	Producing

Other surface disturbing operations

Well Name	API # or Formation	Location	Operation
SEMU #062	30-025-07835	T20S-R38E-Sec 20 Unit K	Final Reclamation
SEMU #128	30-025-34313	T20S-R37E-Sec 24 Unit I	Final Reclamation
SEMU #248	Grayburg	T20S-R38E, Sec 19 Unit L	Stake Well
SEMU #281	Grayburg	T20S-R38E, Sec 19 Unit H	Stake Well
SEMU #282	Grayburg	T20S-R37E, Sec 24 Unit A	Stake Well
SEMU #283	Grayburg	T20S-R37E, Sec 13 Unit I	Stake Well
SEMU #284	Grayburg	T20S-R37E, Sec 24 Unit G	Stake Well
SEMU #285	Grayburg	T20S-R37E, Sec 24 Unit O	Stake Well
SEMU #286	Grayburg	T20S-R37E, Sec 25 Unit A	Stake Well
SEMU #287	Grayburg	T20S-R37E, Sec 25 Unit G	Stake Well
SEMU #289	Grayburg	T20S-R37E, Sec 25 Unit J	Stake Well
SEMU Permian South Header	N/A – Facility	T20S-R38E, Sec 30 Unit C	Convert to a Satellite Battery

Previous Year Operations (2013):

Drilling

None

Re-Completions and Plug Backs

Well Name	API #	Completion Date	Plugged back Zone	New Zone	Production Test		
					Oil, BOPD	Gas, Mcfd	Water, BWPd
SEMU #136	30-025-34667	06/05/2013	Tubb	Grayburg	15	40	345
SEMU #146	30-025-34977	06/13/2013	Tubb	Grayburg	16	70	180
SEMU #156	30-025-35537	05/14/2013	Tubb	Grayburg	21	55	170
SEMU #158	30-025-35539	05/07/2013	Tubb/Drinkard	Grayburg	30	320	120

Conversion

None

Abandonment

Well Name	API	Location	P&A Date
SEMU #062	30-025-07835	T20S-R38E-Sec 20 Unit K	07/12/2013

Other surface disturbing operations

Well Name	API # or Formation	Location	Operation
SEMU #062	30-025-07835	T20S-R38E, Sec 20 Unit K	Final Reclamation
SEMU #095 Spill Site	30-025-24918	T20S-R37E, Sec 24	Water Spill Remediation
SEMU #243	Grayburg	T20S-R38E, Sec 19 Unit O	Stake Well
SEMU #244	Grayburg	T20S-R38E, Sec 19 Unit O	Stake Well
SEMU #245	Grayburg	T20S-R38E, Sec 19 Unit J	Stake Well
SEMU #246	Grayburg	T20S-R38E, Sec 19 Unit J	Stake Well
SEMU #247	Grayburg	T20S-R37E, Sec 24 Unit H	Stake Well
SEMU #249	Grayburg	T20S-R38E, Sec 19 Unit E	Stake Well

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SEMU #250	Grayburg	T20S-R38E, Sec 19 Unit F	Stake Well
SEMU #251	Grayburg	T20S-R38E, Sec 19 Unit B	Stake Well
SEMU #252	Grayburg	T20S-R38E, Sec 19 Unit N	Stake Well
SEMU #253	Grayburg	T20S-R38E, Sec 18 Unit D	Stake Well
SEMU #254	Grayburg	T20S-R38E, Sec 30 Unit H	Stake Well
SEMU #255	Grayburg	T20S-R38E, Sec 30 Unit G	Stake Well
SEMU #256	Grayburg	T20S-R37E, Sec 24 Unit O	Stake Well
SEMU #262	Grayburg	T20S-R37E, Sec 25 Unit B	Stake Well
SEMU #263	Grayburg	T20S-R38E, Sec 19 Unit L	Stake Well
SEMU #264	Grayburg	T20S-R38E, Sec 19 Unit M	Stake Well
SEMU #265	Grayburg	T20S-R38E, Sec 19 Unit N	Stake Well
SEMU #266	Grayburg	T20S-R38E, Sec 19 Unit I	Stake Well
SEMU #267	Grayburg	T20S-R38E, Sec 30 Unit A	Stake Well
SEMU #268	Grayburg	T20S-R38E, Sec 30 Unit H	Stake Well
SEMU #269	Grayburg	T20S-R38E, Sec 30 Unit G	Stake Well
SEMU #270	Grayburg	T20S-R38E, Sec 30 Unit B	Stake Well
SEMU #271	Grayburg	T20S-R38E, Sec 30 Unit C	Stake Well
SEMU #272	Grayburg	T20S-R37E, Sec 13 Unit P	Stake Well
SEMU #273	Grayburg	T20S-R37E, Sec 25 Unit H	Stake Well
SEMU #274	Grayburg	T20S-R38E, Sec 30 Unit L	Stake Well
SEMU #275	Grayburg	T20S-R38E, Sec 30 Unit J	Stake Well
SEMU #276	Grayburg	T20S-R38E, Sec 30 Unit J	Stake Well
SEMU #277	Grayburg	T20S-R38E, Sec 30 Unit I	Stake Well
SEMU #278	Grayburg	T20S-R38E, Sec 20 Unit N	Stake Well
SEMU #279	Grayburg	T20S-R38E, Sec 20 Unit N	Stake Well
SEMU #280	Grayburg	T20S-R38E, Sec 29 Unit C	Stake Well
SEMU #288	Grayburg	T20S-R38E, Sec 30 Unit E	Stake Well

Carry-overs:

The following planned reworks are being carried over from ConocoPhillips 2013 Plan of Development within SEMU.

Well Name	Location	Est. Spud Date	Target
SEMU #184	T20S-R37E, Sec 15 Unit A	11/1/2014	Blinebry/Tubb/Drinkard
SEMU #185	T20S-R37E, Sec 14 Unit C	11/12/2014	Blinebry/Tubb/Drinkard
SEMU #186	T20S-R37E, Sec 14 Unit G	11/23/2014	Blinebry/Tubb/Drinkard

Status of all Wells within the Unit:

WELL NAME	WELL NO.	API	TWN	RNG	SEC	UL	PA Y/N	FORMATION CODE	PRODUCTION STATUS
SEMU	1	300250785900	20S	38E	30	H	N	452TUBB	P&A
SEMU TUBB	2	300250624100	20S	37E	23	E	Y	452TUBB	P&A
SEMU PENN	3	300250624200	20S	37E	23	K	Y	409PSLV	P&A
SEMU DK WEIR	4	300250624400	20S	37E	23	G	N	452DRKD	P&A
SEMU PENN	6	300250624500	20S	37E	23	A	N	409PSLV	P&A
SEMU-SKAGGS B	7	300250624600	20S	37E	23	F	Y	453GRBG	P&A
SEMU	8	300250624700	20S	37E	23	C	N	452BLBR	P&A
SEMU PENN	9	300250624300	20S	37E	23	O	N	309DVNN	P&A
SEMU MCKEE	10	300250784900	20S	38E	29	F	Y	452BLBR	PUMPING
SEMU MCKEE	10	300250784900	20S	38E	29	F	N	452TUBB	PUMPING
SEMU MCKEE	10	300250784900	20S	38E	29	F	N	452DRKD	PUMPING
SEMU MCKEE	11	300250784600	20S	38E	29	D	N	452TUBB	PUMPING
SEMU MCKEE	11	300250784600	20S	38E	29	D	N	452DRKD	PUMPING
SEMU MCKEE	13	300250782900	20S	38E	20	N	Y	202MCKE	P&A
SEMU PERMIAN	14	300250625600	20S	37E	24	I	Y	453GRBG	P&A
SEMU PERMIAN	15	300250781000	20S	38E	19	L	Y	453GRBG	PUMPING
SEMU PERMIAN	16	300250786300	20S	38E	30	F	Y	453GRBG	P&A
SEMU PERMIAN	17	300250781100	20S	38E	19	N	Y	453GRBG	PUMPING
SEMU PERMIAN	18	300250781200	20S	38E	19	N	Y	453GRBG	ACTIVE SERV

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SEMU PERMIAN	19	300250786200	20S	38E	30	B	Y	453GRBG	PUMPING
SEMU PERMIAN	20	300250781300	20S	38E	19	B	Y	453GRBG	ACTIVE SERV
SEMU BURGER	21	300250781600	20S	38E	19	O	N	452TUBB	PUMPING
SEMU PERMIAN	22	300250786000	20S	38E	30	D	Y	453GRBG	PUMPING
SEMU PERMIAN	23	300250786100	20S	38E	30	D	Y	453YSRQ	PUMPING
SEMU PERMIAN	24	300250624900	20S	37E	24	P	Y	453GRBG	PUMPING
SEMU PERMIAN	25	300250626200	20S	37E	25	P	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	26	300250786400	20S	37E	24	P	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	27	300250781400	20S	38E	19	F	Y	453GRBG	PUMPING
SEMU PERMIAN	28	300250781500	20S	38E	19	E	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	29	300250625000	20S	37E	24	H	Y	453GRBG	PUMPING
SEMU PERMIAN	30	300250625700	20S	37E	25	H	Y	453GRBG	P&A
SEMU PERMIAN	31	300250781700	20S	38E	19	C	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	32	300250781800	20S	38E	19	J	Y	453GRBG	P&A
SEMU PERMIAN	33	300250781900	20S	38E	19	D	Y	453GRBG	PUMPING
SEMU PERMIAN	34	300250782000	20S	38E	19	J	Y	453GRBG	PUMPING
SEMU PERMIAN	35	300250625100	20S	37E	24	G	Y	453GRBG	P&A
SEMU PERMIAN	36	300250625300	20S	37E	24	A	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	37	300250625200	20S	37E	24	J	Y	453GRBG	PUMPING
SEMU PERMIAN	38	300250625400	20S	37E	24	B	Y	453GRBG	PUMPING
SEMU PERMIAN	39	300250782300	20S	38E	19	H	Y	453GRBG	PUMPING
SEMU PERMIAN	40	300250782100	20S	37E	19	I	Y	453GRBG	P&A
SEMU EUMONT	41	300250608300	20S	37E	13	p	N	453YSRQ	P&A
SEMU EUMONT	42	300250608900	20S	37E	13	N	Y	453YSRQ	PUMPING
SEMU PERMIAN	43	300250608500	20S	37E	13	L	Y	453GRBG	PUMPING
SEMU PERMIAN	44	300250608500	20S	37E	13	M	Y	453GRBG	P&A
SEMU PERMIAN	45	300250608800	20S	37E	13	O	Y	453GRBG	P&A
SEMU EUMONT	46	300250609700	20S	37E	14	I	Y	453YSRQ	P&A
SEMU PERMIAN	47	300250609800	20S	37E	14	P	Y	453GRBG	P&A
SEMU PERMIAN	48	300250609900	20S	37E	14	H	Y	453GRBG	P&A

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SEMU PERMIAN	49	3002507828	20S	38E	20	E	N	453GRBG	P&A
SEMU MCKEE	50	300250783200	20S	38E	20	L	N	452BLBR	PUMPING
SEMU MCKEE	50	300250783200	20S	38E	20	L	N	452TUBB	PUMPING
SEMU MCKEE	51	300250782400	20S	38E	19	H	N	452TUBB	PUMPING
SEMU EUMONT	52	3002506258	20S	37E	25	F	Y	453YSRQ	P&A
SEMU MCKEE	53	300250783300	20S	38E	20	E	Y	202MCKE	P&A
SEMU EUMONT	54	300250625900	20S	37E	25	K	Y	453YSRQ	P&A
SEMU EUMONT	55	300250626000	20S	37E	25	J	Y	453YSRQ	P&A
SEMU EUMONT	56	3002512582	20S	37E	25	I	Y	453YSRQ	P&A
SEMU MCKEE	57	300250782500	20S	37E	19	I	Y	202MCKE	P&A
SEMU ABO	58	300250784800	20S	38E	29	C	N	452ABO	P&A
SEMU MCKEE	59	300250783400	20S	38E	20	M	Y	452BLBR	PUMPING
SEMU MCKEE	59	300250783400	20S	38E	20	M	N	452TUBB	PUMPING
SEMU MCKEE	60	300250785700	20S	38E	20	E	N	452DRKD	PUMPING
SEMU BRITT	61	300250611400	20S	37E	15	P	N	452BLBR	P&A
SEMU MCKEE	62	300250783500	20S	38E	20	K	N	453YSRQ	P&A
SEMU MCKEE	63	300250782600	20S	38E	19	G	Y	453YSRQ	P&A
SEMU EUMONT	64	300250626700	20S	37E	26	G	Y	453YSRQ	P&A
SEMU EUMONT	65	300250626800	20S	37E	26	L	Y	453YSRQ	P&A
SEMU EUMONT	66	300250609600	20S	37E	14	L	Y	453YSRQ	P&A
SEMU EUMONT	67	300250624800	20S	37E	24	K	Y	453GRBG	PUMPING
SEMU EUMONT	68	300250623900	20S	37E	23	J	Y	453YSRQ	PUMPING
SEMU EUMONT	69	300250625500	20S	37E	24	F	Y	453YSRQ	P&A
SEMU TUBB	70	300250611500	20S	35E	15	I	N	452DRKD	PUMPING
SEMU TUBB	70	300250611500	20S	35E	15	I	N	452TUBB	PUMPING
SEMU BURGER B	71	300250779700	20S	38E	18	O	Y	452DRKD	P&A
SEMU ABO	72	300251276000	20S	38E	19	B	N	452ABO	P&A
SEMU PERMIAN	73	300250782200	20S	38E	19	B	Y	453GRBG	PUMPING
SEMU PERMIAN	74	300250780100	20S	38E	18	N	Y	453GRBG	PUMPING
SEMU PERMIAN	75	300250780000	-0S	38E	18	O	Y	453GRBG	PUMPING

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SEMU PERMIAN	76	300250779900	20S	38E	18	M	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	77	300250779800	20S	38E	18	L	Y	453GRBG	PUMPING
SEMU PERMIAN	78	300250608600	20S	37E	13	I	Y	453GRBG	ACTIVE SERV
SEMU PERMIAN	79	300250608200	20S	37E	13	G	Y	453GRBG	P&A
SEMU PERMIAN	80	300250608700	20S	37E	13	J	Y	453GRBG	PUMPING
SEMU BURGER	81	300252050000	20S	38E	19	P	Y	453YSRQ	PUMPING
SEMU BLINEBRY	82	300250626100	20S	37E	25	I	Y	452DRKD	INACTIVE
SEMU TUBB	83	300252065300	20S	37E	13	G	N	452TUBB	P&A
SEMU EUMONT	84	300252065400	20S	37E	22	A	Y	453YSRQ	PUMPING
SEMU TUBB	85	300252065500	20S	37E	15	H	Y	452TUBB	P&A
SEMU BLINEBRY	86	300252065600	20S	37E	14	D	N	452BLBR	PUMPING
SEMU SKAGGS B	87	300252123200	20S	37E	14	M	N	452BLBR	PUMPING
SEMU TUBB	88	300252186000	20S	37E	14	F	Y	452BLBR	PUMPING
SEMU TUBB	88	300252186000	20S	37E	14	F	Y	452TUBB	PUMPING
SEMU PERMIAN	89	300252191800	20S	37E	13	P	Y	453GRBG	PUMPING
SEMU EUMONT	90	300252283700	20S	37E	22	P	Y	453YSRQ	P&A
SEMU EUMONT	91	300252474300	20S	37E	26	C	Y	453YSRQ	PUMPING
SEMU EUMONT	92	300252475900	20S	37E	14	C	Y	453YSRQ	P&A
SEMU EUMONT	93	300252476000	20S	37E	23	B	Y	453YSRQ	P&A
SEMU EUMONT	94	300252476500	20S	37E	23	E	Y	453YSRQ	P&A
SEMU SWD	95	300252491800	20S	37E	23	J	N	453SADR	ACTIVE SERV
SEMU TUBB	96	300252510000	20S	37E	23	I	Y	452DRKD	P&A
SEMU TUBB	96	300252510000	20S	37E	23	I	Y	452TUBB	P&A
SEMU SKAGGS B	97	300252541900	20S	37E	23	K	Y	452DRKD	PUMPING
SEMU SKAGGS B	97	300252541900	20S	37E	23	K	N	452TUBB	PUMPING
SEMU EUMONT	98	300252565600	20S	37E	14	G	Y	453YSRQ	P&A
SEMU BLINEBRY	99	300252603200	20S	38E	29	F	Y	453SADR	P&A
SEMU TUBB A	100	300252618200	20S	38E	20	N	Y	452BLBR	PUMPING
SEMU TUBB A	100	300252618200	20S	38E	20	N	Y	452TUBB	PUMPING
SEMU BLINEBRY	101	300252618300	20S	38E	29	D	Y	453YSRQ	P&A

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SEMU BLINEBRY	103	300252627700	20S	38E	29	E	Y	452BLBR	PUMPING
SEMU TUBB A	104	300252626800	20S	38E	20	K	Y	452BLBR	PUMPING
SEMU TUBB A	104	300252626800	20S	38E	20	K	Y	452TUBB	PUMPING
SEMU TUBB A	104	300252626800	20S	38E	20	K	N	452DRKD	PUMPING
SEMU PERMIAN	107	300252633400	20S	38E	19	J	Y	453GRBG	PUMPING
SEMU BURGER B	108	300252626900	20S	38E	20	L	N	453GRBG	PUMPING
SEMU EUMONT	109	300252674500	20S	37E	14	N	Y	453YSRQ	PUMPING
SEMU EUMONT	110	300252674600	20S	37E	23	K	Y	453YSRQ	PUMPING
SEMU EUMONT	111	300252671500	20S	37E	26	K	Y	453YSRQ	PUMPING
SEMU EUMONT	112	300252663300	20S	37E	25	D	Y	453YSRQ	P&A
SEMU TUBB A	113	300252709000	20S	38E	20	E	N	452BLBR	PUMPING
SEMU TUBB A	113	300252709000	20S	38E	20	E	Y	452TUBB	PUMPING
SEMU	114	300252676700	20S	38E	29	C	N	404STRN	P&A
SEMU	115	300252664100	20S	37E	23	L	N	452BLBR	PUMPING
SEMU	115	300252664100	20S	37E	23	L	N	452TUBB	PUMPING
SEMU EUMONT	116	300252667200	20S	37E	24	D	Y	453YSRQ	PUMPING
SEMU EUMONT	117	300252671400	20S	37E	24	L	Y	453YSRQ	PUMPING
SEMU EUMONT	118	300252679700	20S	37E	27	H	Y	453YSRQ	P&A
SEMU SKAGGS B	120	300252728900	20S	37E	14	B	N	452BLBR	PUMPING
SEMU BURGER B	121	300252908900	20S	38E	18	N	N	453YSRQ	P&A
SEMU TUBB	122	300253042900	20S	37E	23	D	Y	452TUBB	PUMPING
SEMU SKAGGS B	123	300253117800	20S	37E	22	H	N	452BLBR	PUMPING
SEMU BURGER B	125	300253412600	20S	38E	18	M	Y	452TBDK	PUMPING
SEMU BURGER B	126	300253412700	20S	38E	19	M	Y	452TBDK	PUMPING
SEMU PERMIAN	127	300253389500	20S	37E	25	B	Y	453GRBG	PUMPING
SEMU PERMIAN	128	300253431300	20S	37E	24	I	Y	453GRBG	TA
SEMU PERMIAN	128	300253431300	20S	37E	24	I	Y	452TBDK	PUMPING
SEMU DRINKARD WEIR	133	300253437700	20S	37E	14	O	N	452DRKD	P&A
SEMU	134	300253438200	20S	38E	30	L	Y	404STRN	PUMPING
SEMU	134	300253438200	20S	38E	30	L	Y	452TBDK	PUMPING

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SEMU	135	300253466600	20S	37E	25	J	Y	404STRN	P&A
SEMU	136	300253466700	20S	37E	25	L	Y	453GRBG	PUMPING
SEMU	139	300253504300	20S	37E	25	A	Y	404STRN	PUMPING
SEMU BURGER	141	300253492100	20S	38E	19	D	Y	453YSRQ	PUMPING
SEMU	145	300253497600	20S	37E	25	E	Y	452TBDK	PUMPING
SEMU	146	300253497700	20S	37E	25	F	N	453GRBG	PUMPING
SEMU	147	300253497800	20S	37E	26	I	Y	452TBDK	P&A
SEMU	149	300253516900	20S	38E	30	E	Y	404STRN	PUMPING
SEMU	150	300253511500	20S	38E	30	K	Y	452TBDK	PUMPING
SEMU	151	300253533800	20S	37E	25	I	Y	453GRBG	PUMPING
SEMU	152	300253544300	20S	38E	19	G	Y	453GRBG	PUMPING
SEMU BURGER	153	300253543400	20S	38E	19	M		453YSRQ	PUMPING
SEMU	154	300253538300	20S	38E	30	J	N	452TBDK	P&A
SEMU	156	300253553700	20S	37E	25	C	Y	453GRBG	PUMPING
SEMU	157	300253553800	20S	38E	30	A	Y	452TBDK	PUMPING
SEMU	158	300253553900	20S	37E	24	M	Y	453GRBG	PUMPING
SEMU	159	300253555900	20S	38E	30	I	N	453YSRQ	P&A
SEMU	160	300253558300	20S	37E	14	K	Y	409PSLV	PUMPING
SEMU	161	300253582300	20S	37E	24	D	N	452TBDK	PUMPING
SEMU	162	300253577400	20S	37E	23	C	N	452DRKD	PUMPING
SEMU	162	300253577400	20S	37E	23	C	N	452TUBB	PUMPING
SEMU	165	300253583500	20S	37E	14	C	M	452DRKD	PUMPING
SEMU	167	300253593800	20S	37E	25	G	Y	404STRN	PUMPING
SEMU	171	300253592700	20S	37E	27	P	Y	453YSRQ	P&A
SEMU	174	300253810500	20S	37E	14	E	N	452BLBR	PUMPING
SEMU	174	300253810500	20S	37E	14	E	N	452DRKD	PUMPING
SEMU	174	300253810500	20S	37E	14	E	Y	452TUBB	PUMPING
SEMU	175	300253918700	20S	37E	23	H	N	452BLBR	PUMPING
SEMU	175	300253918700	20S	37E	23	H	N	452TUBB	PUMPING
SEMU	176	300253850200	20S	37E	23	M	N	452BLBR	P&A

SEMU	176	300253850200	20S	37E	23	M	N	452TUBB	P&A
SEMU	179	300253918800	20S	37E	23	N	N	452BLBR	PUMPING
SEMU	179	300253918800	20S	37E	23	N	N	452TUBB	PUMPING
SEMU	180	300253918900	20S	37E	13	L	N	452BLBR	PUMPING
SEMU	180	300253918900	20S	37E	13	L	N	452TUBB	PUMPING
SEMU	180	300253918900	20S	37E	13	L	N	452DRKD	PUMPING

Production Graphs:

See Attachments

Map of structural and geologic interpretations:

See Attachments

Map of Participating Area boundaries:

See Attachments

Map of Wells, flow-lines, and roads:

See Attachments

SEMU is comprised of seven distinct participating areas, as set forth in the table below. A map of each participating area, along with a reservoir performance graph for each participating area is attached hereto.

Effective November 1, 2012, the Drinkard PA C (NM71041C), Tubb PA F (NM71041F), Drinkard A PA I (NM71041I), Blinebry A PA J (NM71041J) and Tubb-Drinkard B PA L (NM71041L) were consolidated into the Consolidated Blinebry-Tubb_Drinkard PA A (NM71041M).

Also Effective November 1, 2012, the Blinebry PA G (NM71941G) and Tubb A PA H (NM71041H) were consolidated into the Consolidated Blinebry-Tubb-Drinkard PA B (NM71041N).

UNIT	PA EXP	EFF DATE	BLM REFERENCE	MMS REFERENCE
SEMU	Consolidated Blinebry-Tubb-Drinkard PA A	11/01/2012	NMNM-071041M	AFS-891000321O
SEMU	Consolidated Blinebry-Tubb-Drinkard PA B	11/01/2012	NMNM-071041N	AFS-891000321P
SEMU	Eumont 7th PA Expansion	1/19/1998	NMNM-071041E	AFS-892000321A
SEMU	Strawn 1st PA Expansion	1/22/2001	NMNM-071041K	AFS-892000321L
SEMU	Grayburg-San Andres 18th PA Expansion	1/1/1960	NMNM-071041A	AFS-892000321E
SEMU	Pennsylvanian 2nd PA Expansion	11/1/2001	NMNM-071041B	AFS-892000321B
SEMU	Simpson-McKee 4th PA Expansion	1/1/1960	NMNM-071041D	AFS-892000321C

The working interest owners have been provided a copy of this 2014 Plan of Development. ConocoPhillips Company and the working interest owners believe that all current SEMU obligations have been satisfied.

In accordance with Article 10 of the Southeast Monument (SEMU) Unit Agreement, please signify your approval of the 2014 Plan of Development by executing in the signature block below. Please return one approved copy to the undersigned.

Should you have any questions or comments in this regard, please contact me at 281-206-5352.

Bureau of Land Management

Date

New Mexico Oil Conservation Division

Date

The foregoing approvals are for the 2014 Plan of Development for the Southeast Monument (SEMU) Unit, I SEC- No. 321, Lea County, New Mexico.

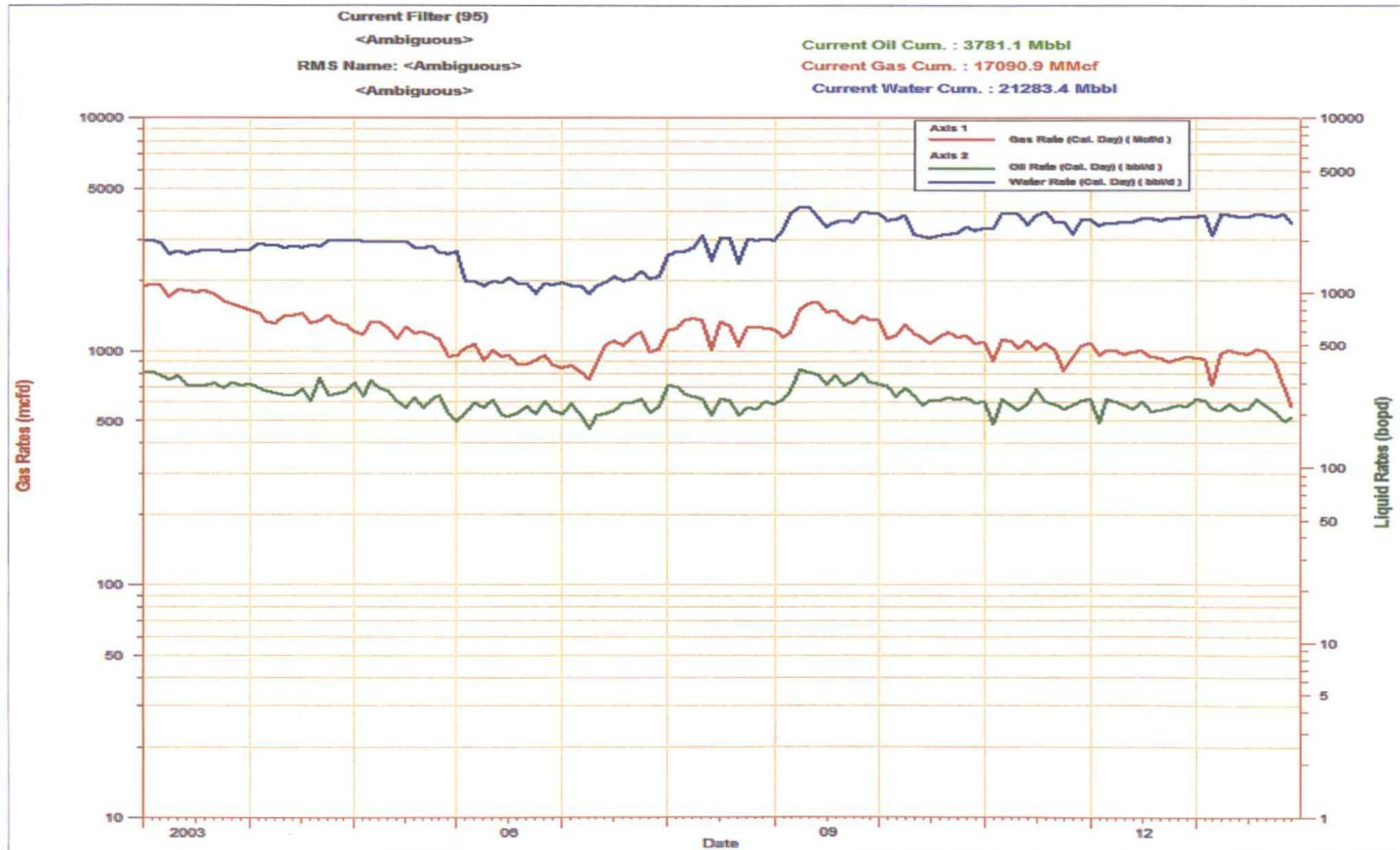
Cc: Chevron North America Exploration and Production
Attn: Land Dept.
11111 S. Wilcrest, Room N-1111
Houston, Texas 77099

XTO Energy
Attention: Steve Cobb
810 Houston Street
Fort Worth, TX 76102

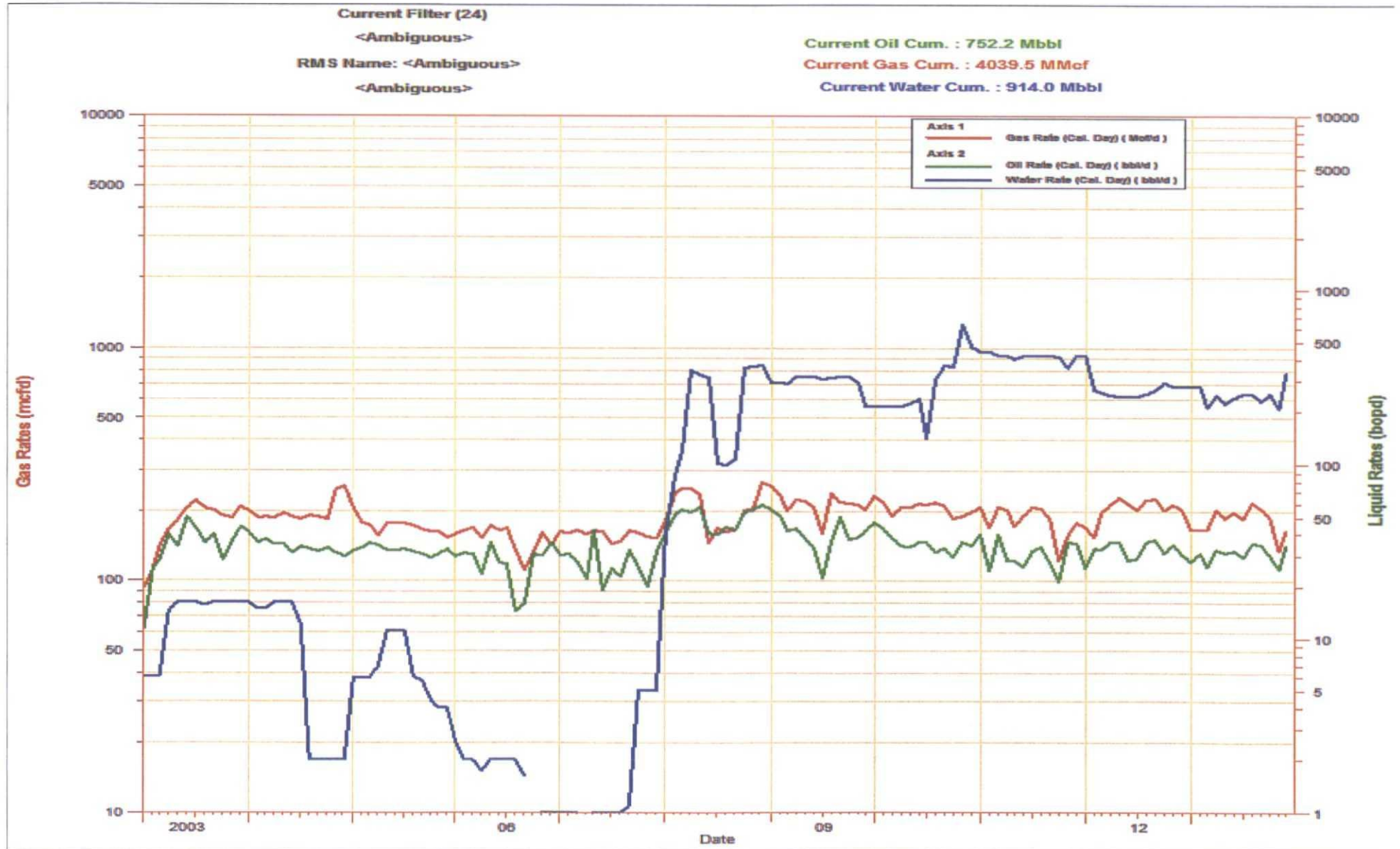
Apache Corporation
Attn: Michelle Hanson
303 Veterans Airpark Land
Suite 3000
Midland, TX 79705

Penroc Oil Corporation
1515 Calle Sur
Hobbs, NM 88240

SEMU Blinebry-Tubb-Drinkard PA A



SEMU Blinebry-Tubb-Drinkard PA B



SEMU Eumont PA

RMS_FORMATION_NAME: 7 RIVERS, EUMONT, YATES/7R/QN(17)

<Ambiguous>

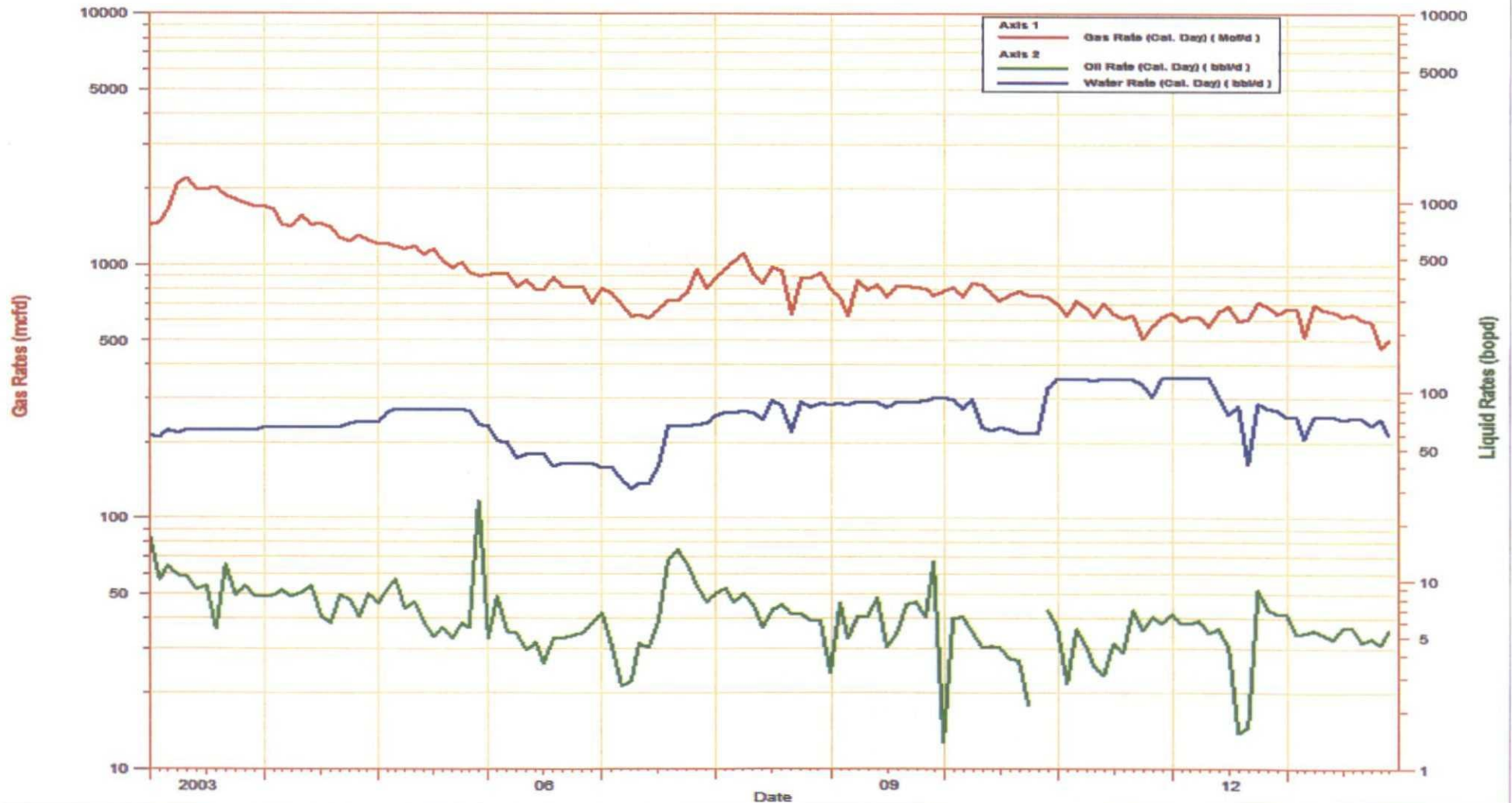
RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 101.3 Mbbl

Current Gas Cum. : 11047.4 MMcf

Current Water Cum. : 435.6 Mbbl



SEMU Strawn PA

RMS_FORMATION_NAME: STRAWN, STRAWN:NORTH(7)

<Ambiguous>

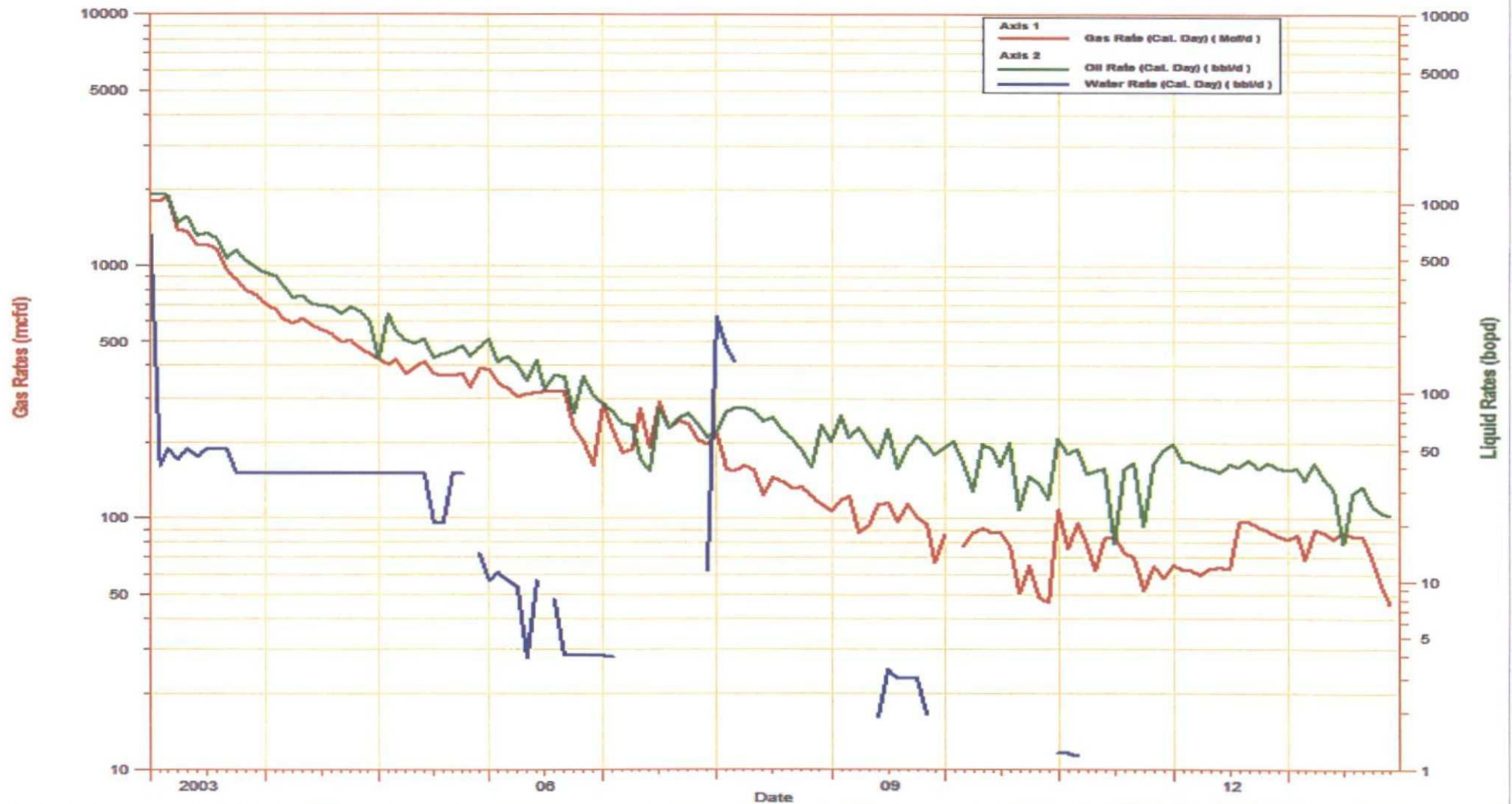
RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 1686.5 Mbbl

Current Gas Cum. : 2411.9 MMcf

Current Water Cum. : 517.3 Mbbl



SEMU Grayburg-San Andres PA

Completions Selected (34) in Zoomed Area

<Ambiguous>

RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 2460.3 Mbbl

Current Gas Cum. : 2570.5 MMcf

Current Water Cum. : 15852.8 Mbbl



SEMU Pennsylvanian PA

Well ID: 1994069 API - 300253558300S01

SEMU 160

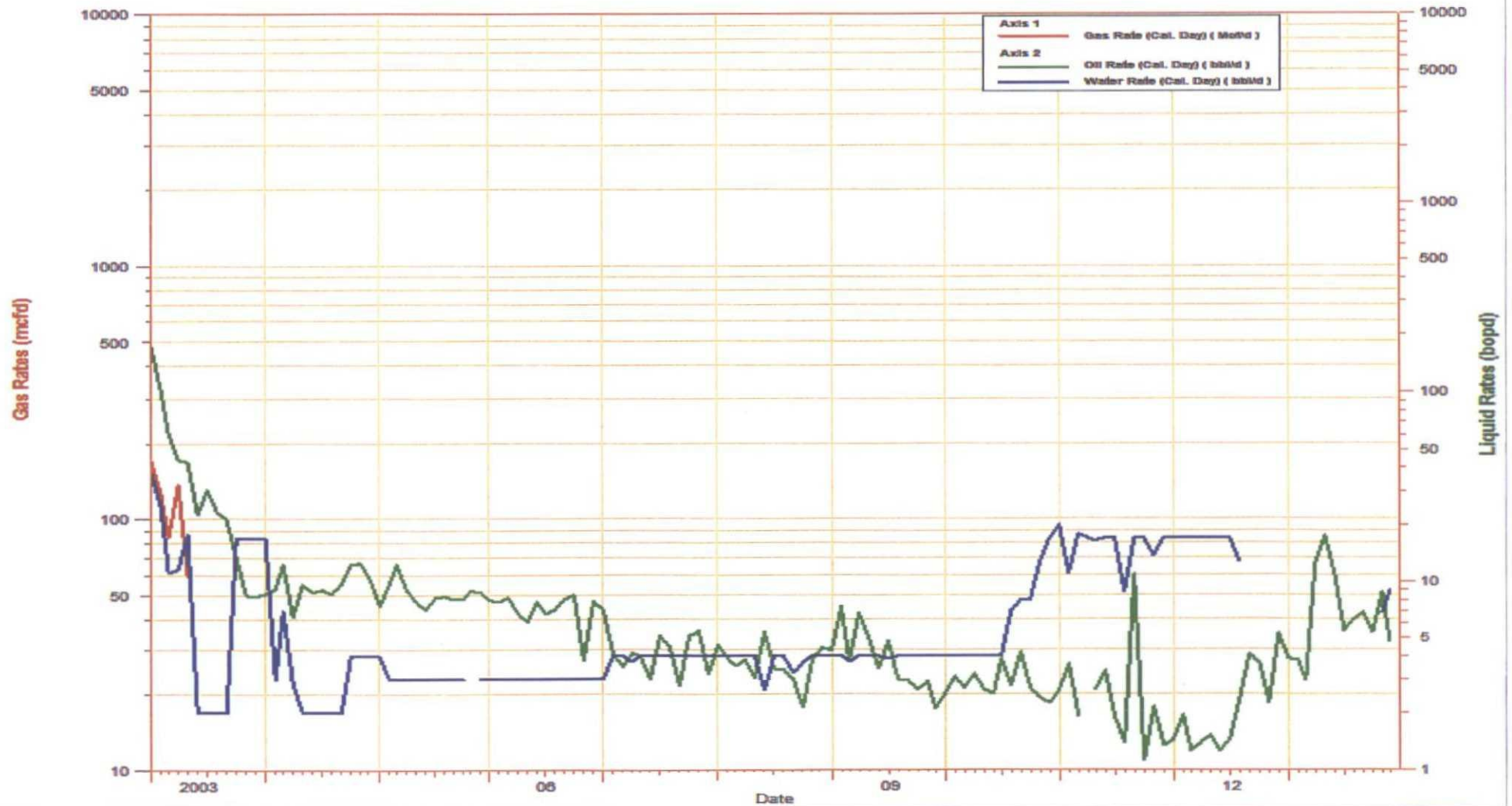
RMS Name: 709135 CO311 #160

WEIR::PENN

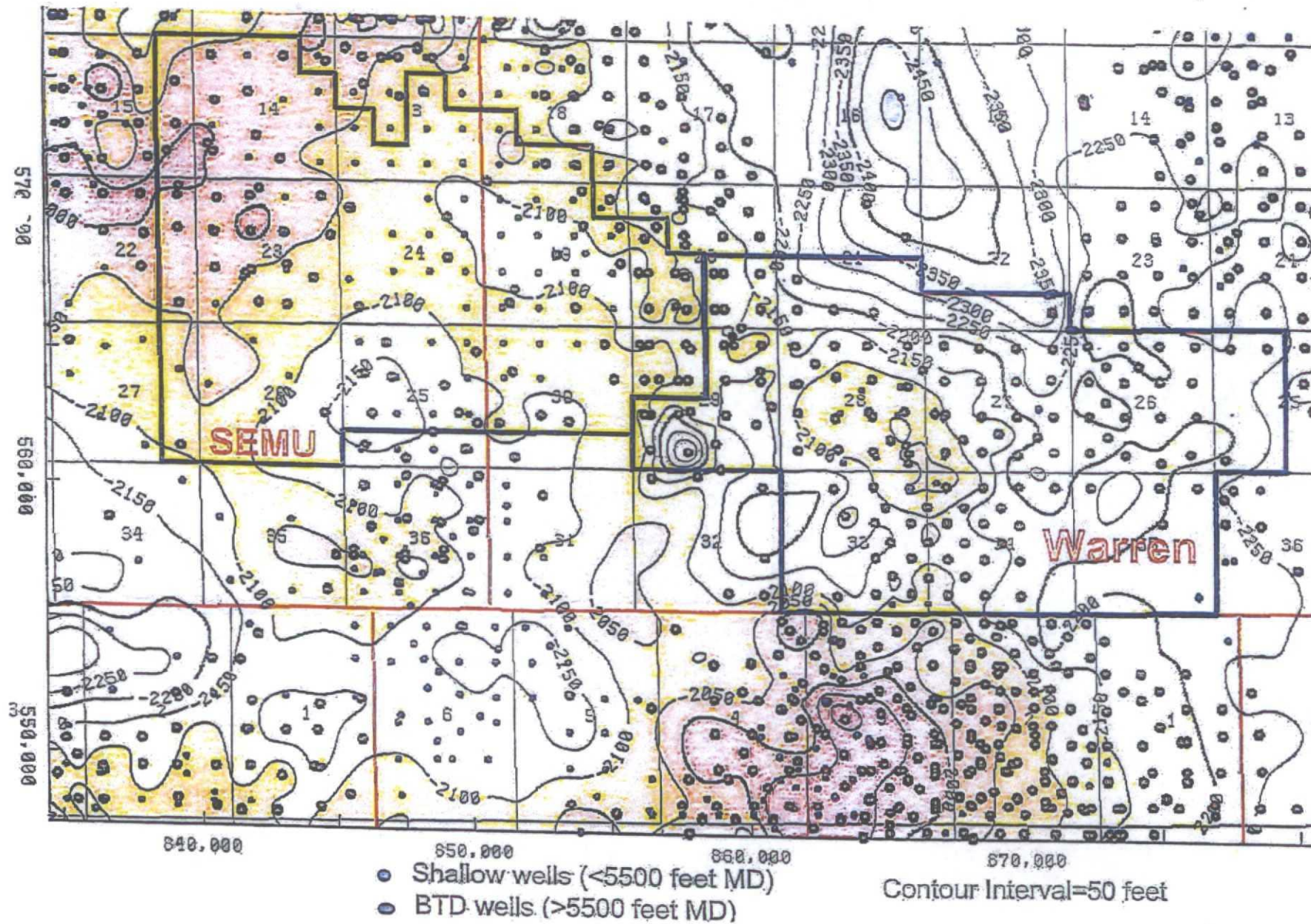
Current Oil Cum. : 145.8 Mbbl

Current Gas Cum. : 72.5 MMcf

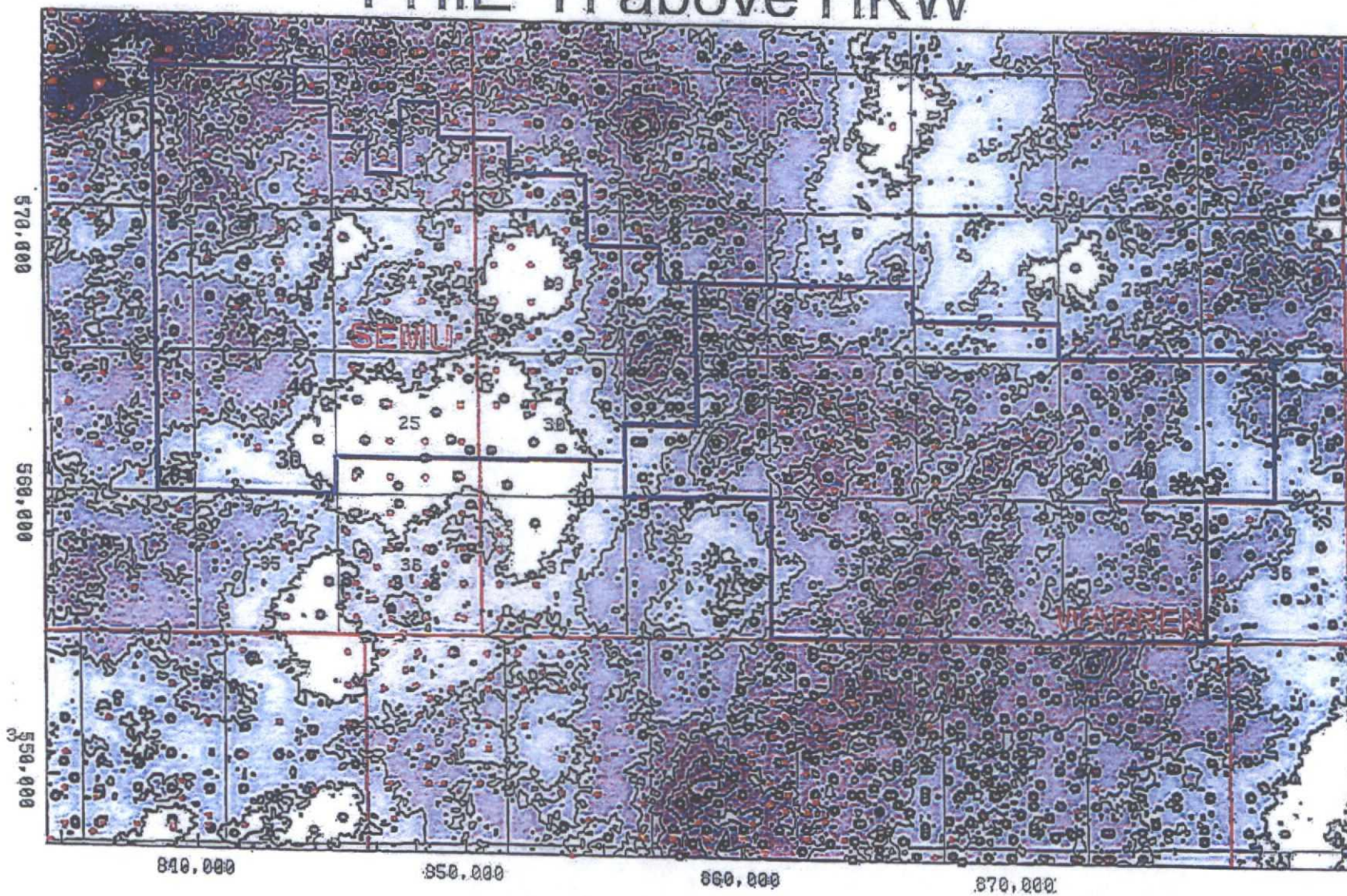
Current Water Cum. : 64.6 Mbbl



Top Blinebry Structure Map



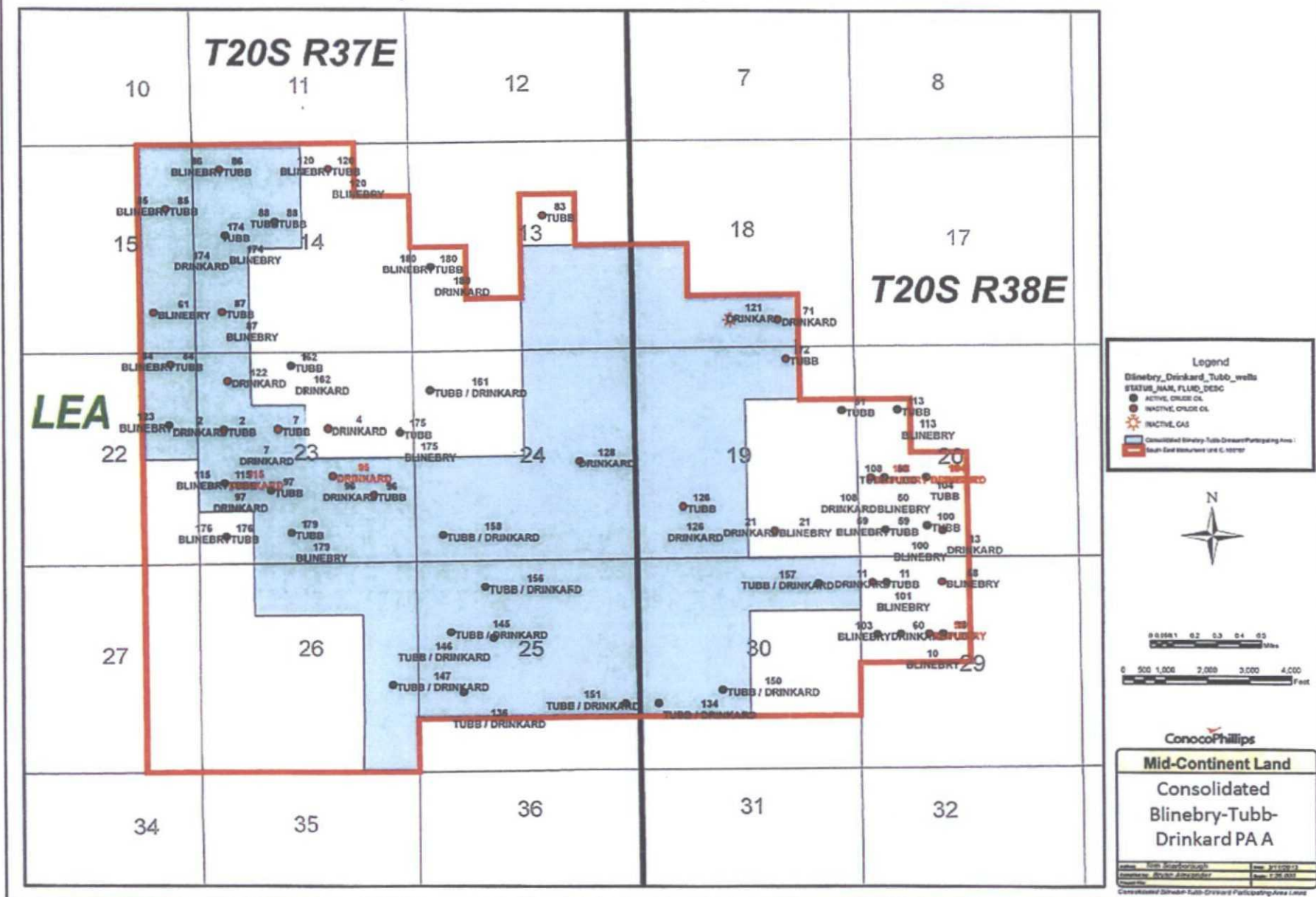
PHIE H above HKW



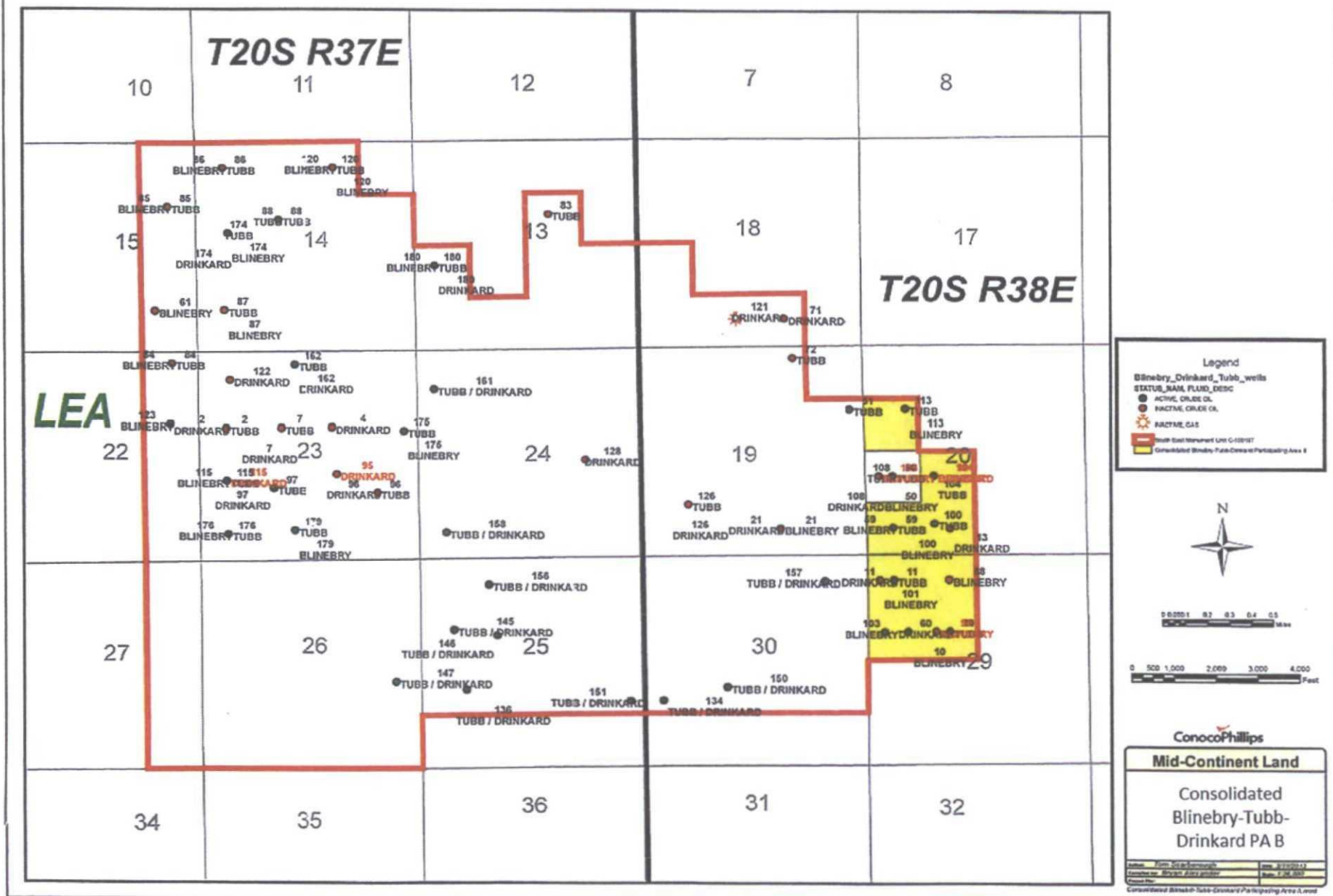
- Shallow wells (<5500 feet MD)
- BTD wells (>5500 feet MD)

Contour Interval=10 feet

Consolidated Blinebry-Tubb-Drinkard PA A, effective 11/1/2012



Consolidated Blinebry-Tubb-Drinkard PA B, 11/1/2012



T20S R37E

**Eumont 7th P.A. Exp.
effective 01/19/1998**

Legend

- Eumont Wells**
- CRUDE OIL
 - GAS
 - Eumont Active Wells
 - Eumont P.A.
 - South East Monument Unit C-100197
- Unit Tract No.**
- 1 - NM 62667
 - 2 - LC-031621(p)
 - 3 - LC-031620(a)
 - 4 - NM 0557686
 - 5 - NM 90161
 - 6 - LC-031696(a)
 - 7 - NM 2511
 - 8 - LC-031670(a)
 - 9 - LC-031670(b)
 - 10 - LC-031695(a)

LEA 22

T20S R38E



0 0.1 0.2 0.4 0.6 0.8 Miles

0 500 1,000 2,000 3,000 4,000 Feet

ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Andrew Macgregor-Davies Date: 7/2/2013
Reviewed by: S. Ashworth Date: 7/26/2013
Project: Southeast Monument Unit C-100197

10

11

12

7

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14

13

18

17

84

23

24

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90

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25

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27

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36

31

32

92 YATES / SEVEN RIVERS / QUEEN

98 YATES / SEVEN RIVERS / QUEEN

46 YATES / SEVEN RIVERS / QUEEN

109 YATES / SEVEN RIVERS / QUEEN

42 YATES / SEVEN RIVERS / QUEEN

116 YATES / SEVEN RIVERS / QUEEN

141 YATES / SEVEN RIVERS / QUEEN

84 YATES / SEVEN RIVERS / QUEEN

69 YATES / SEVEN RIVERS / QUEEN

63 YATES / SEVEN RIVERS / QUEEN

68 YATES / SEVEN RIVERS / QUEEN

67 YATES / SEVEN RIVERS / QUEEN

153 YATES / SEVEN RIVERS / QUEEN

81 YATES / SEVEN RIVERS / QUEEN

90 YATES / SEVEN RIVERS / QUEEN

117 YATES / SEVEN RIVERS / QUEEN

91 YATES / SEVEN RIVERS / QUEEN

112 YATES / SEVEN RIVERS / QUEEN

118 YATES / SEVEN RIVERS / QUEEN

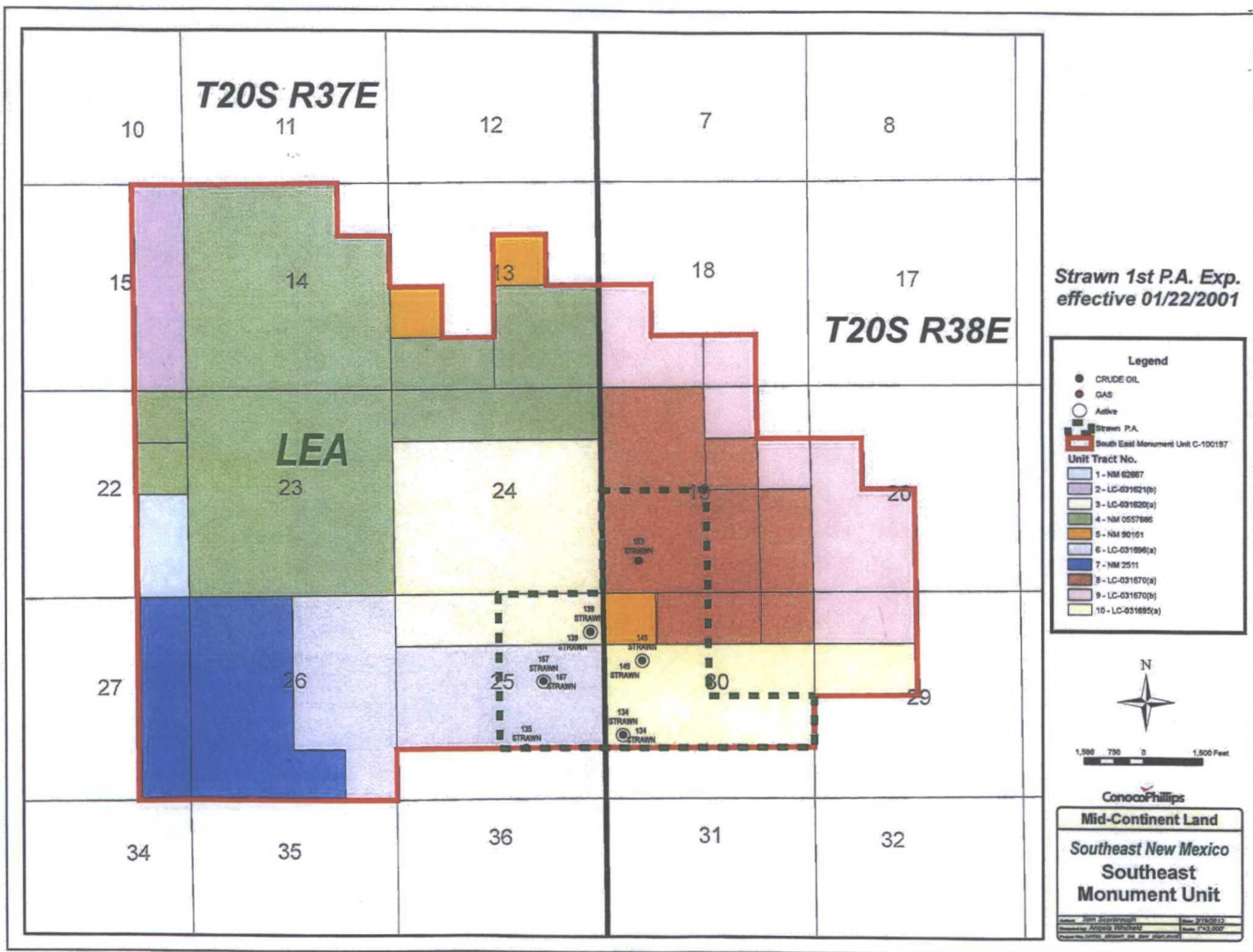
64 YATES / SEVEN RIVERS / QUEEN

54 YATES / SEVEN RIVERS / QUEEN

55 YATES / SEVEN RIVERS / QUEEN

111 YATES / SEVEN RIVERS / QUEEN

29 MCNEE / SD /



T20S R37E

T20S R38E

LEA

● Crude Oil
○ Active Wells
■ Grayburg - San Andres (Permian) P.A.
■ South East Monument Unit C-100197

Unit Tract No.

1 - NM 62667
2 - LC-031621(b)
3 - LC-031620(a)
4 - NM 655766
5 - NM 90161
6 - LC-031696(a)
7 - NM 2511
8 - LC-031670(e)
9 - LC-031670(b)
10 - LC-031695(a)



0.0 0.1 0.2 0.3 0.4 0.5 0.6 Miles

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Ashlee Manning-Dyke	Date: 2/28/2013
Created by: B. Alexander	Pages: 1,26,000

T20S R37E

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T20S R38E

**Pennsylvanian 2nd P.A. Exp.
effective 11/01/2001**

LEA

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Legend

- CRUDE OIL
- GAS
- Active Wells
- Pennsylvanian P.A.
- South East Monument Unit C-100197
- Unit Tract No.**
- 1 - NM 62667
- 2 - LC-031621(b)
- 3 - LC-031620(a)
- 4 - NM 5557686
- 5 - NM 90161
- 6 - LC-031696(a)
- 7 - NM 2511
- 8 - LC-031670(a)
- 9 - LC-031670(b)
- 10 - LC-031695(a)



1,400 700 0 1,400 Feet

ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Tom Scarborough Date: 5/19/2013
Reviewer: Angela Whitfield Scale: 1"=3,000'
Project: C-100197 Pennsylvania 2nd P.A. Exp. effective 11/01/2001

T20S R37E

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T20S R38E

Simpson - McKee 4th P.A. Exp.
effective 01/01/1960

LEA

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Legend

- CRUDE OIL
- GAS
- Simpson McKee P.A.
- South East Monument Unit C-100197

Unit Tract No.

- 1 - NM 62657
- 2 - LC-031621(b)
- 3 - LC-031620(a)
- 4 - NM 055768C
- 5 - NM 90161
- 6 - LC-031096(a)
- 7 - NM 2511
- 8 - LC-031670(a)
- 9 - LC-031670(b)
- 10 - LC-031695(a)



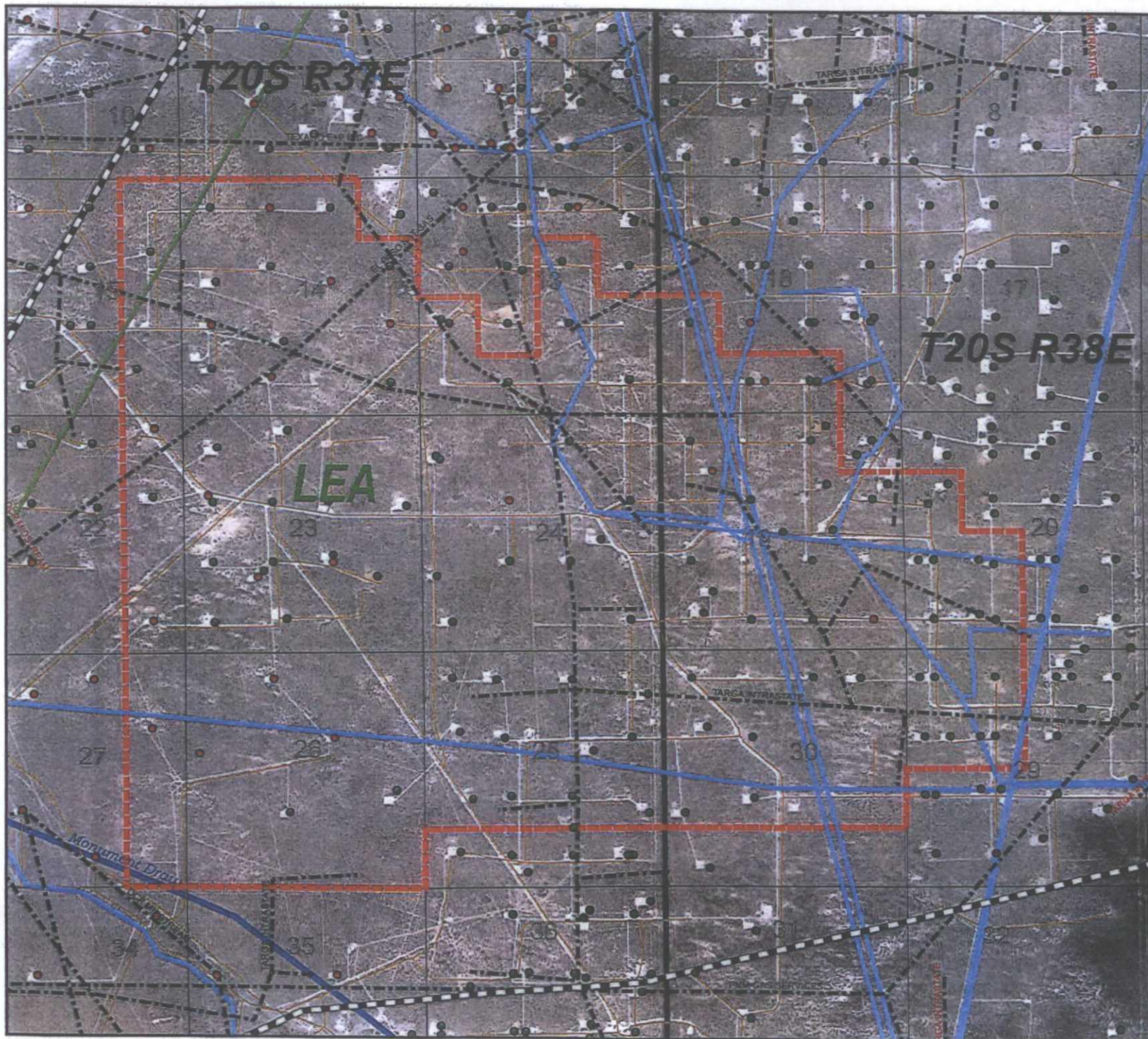
1,400 700 0 1,400 Feet

ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Tom Scarborough Date: 2/12/2013
Reviewed: Amanda Johnson Date: 1/23/2014
Drawn: Amanda Johnson Date: 1/23/2014



Legend

P2000_PROD OIL & GAS

- CRUDE OIL
- GAS
- Highway
- Major Road
- Local Road
- Miner Road
- South East Monument Unit C-100197
- GCP Pipelines
- Pipelines by IHS
- L48 Pipelines Pennwell Oil
- CDMT
- C
- L



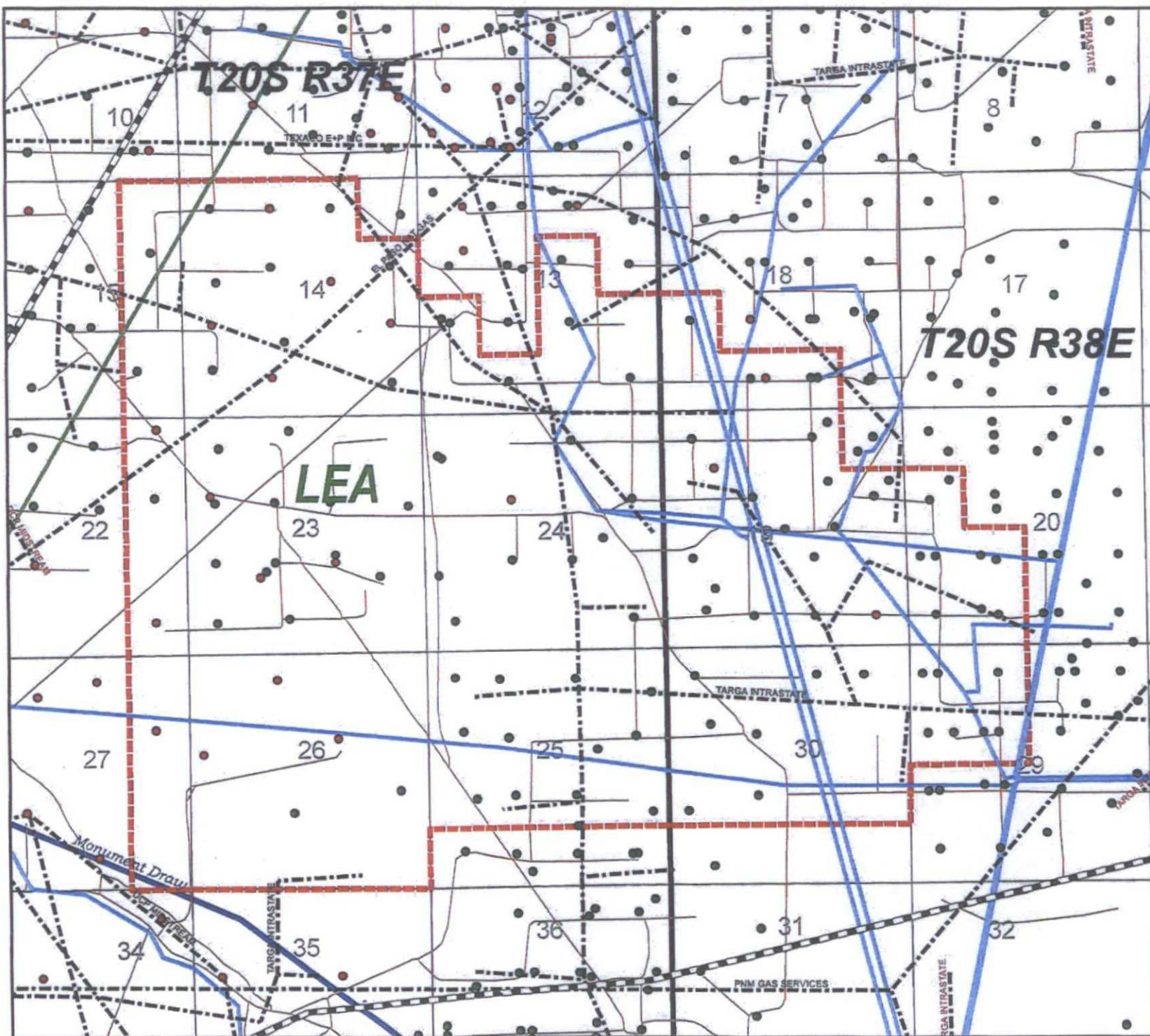
1,400 700 0 1,400 Feet

ConocoPhillips

Mid-Continent Land

Southeast New Mexico
Southeast
Monument Unit

Author: Ashley Mayhew-Dolan	Date: 2/5/2013
Compiled by: Ashley Mayhew-Dolan	Scale: 1" = 36,000'
Project files: center, left, main, div, plan, road	



Legend

P2000_PROD OIL & GAS

- CRUDE OIL
- GAS
- Highway
- Major Road
- Local Road
- Minor Road
- ▭ South East Monument Unit C-100197
- CCP Pipelines
- Pipelines by IHS
- L48 Pipelines Pennwell Oil
- CNDTY
- C
- L



1,400 700 0 1,400 Feet

ConocoPhillips

Mid-Continent Land

Southeast New Mexico
Southeast
Monument Unit

Author: Ashley Manning-Dyke Date: 3/5/2013
Created by: Ashley Manning-Dyke Scale: 1"=3,000'
Product file: sepmu_0401_mdm_dcm_0101.mxd