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March 12, 2013

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
2013 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 100197

Gentlemen:

Conoco Phillips Company, as Unit Operator of the Southeast Monument (SEMU) Unit, hereby submits for your approval, our 2013 Plan of Development.

Items are included as follows: Planned 2013 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

2013 Planned Operations:

Drilling

Well Name	Location	Est. Spud Date	Target
SEMU #184	T20S-R37E, Sec 15 Unit A	12/8/2013	Blinbry/Tubb/Drinkard
SEMU #185	T20S-R37E, Sec 14 Unit C	12/19/2013	Blinbry/Tubb/Drinkard
SEMU #186	T20S-R37E, Sec 14 Unit G	12/29/2013	Blinbry/Tubb/Drinkard
SEMU #247	T20S-R38E, Sec 19 Unit F	11/01/2013	Grayburg
SEMU #248	T20S-R38E, Sec 19 Unit E	11/11/2013	Grayburg
SEMU #249	T20S-R38E, Sec 19 Unit D	11/21/2013	Grayburg
SEMU #250	T20S-R38E, Sec 14 Unit C	12/01/2013	Grayburg
SEMU #254	T20S-R38E, Sec 30 Unit H	12/11/2013	Grayburg
SEMU #255	T20S-R38E, Sec 30 Unit G	12/21/2013	Grayburg

Re-Completions and Plug Backs

Well Name	API #	Locations	Original Zone	New Zone
SEMU PERMIAN #128	30-025-34313	T20S-R37E-Sec 24 Unit I	Tubb	Grayburg
SEMU TUBB B #136	30-025-34667	T20S-R37E-Sec 25 Unit L	Tubb	Grayburg
SEMU TUBB B #146	30-025-34977	T20S-R37E-Sec 25 Unit F	Tubb/Abo	Grayburg
SEMU TUBB B #156	30-025-35537	T20S-R37E-Sec 25 Unit C	Tubb	Grayburg
SEMU TUBB B #158	30-025-35539	T20S-R37E-Sec 24 Unit M	Tubb/Drinkard	Grayburg

Conversion

None

Abandonment

Well Name	API #	Location	Status
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SEMU #021	30-025-07816	T20S-R38E-Sec 19 Unit O	Producing
SEMU #062	30-025-07835	T20S-R38E-Sec 20 Unit K	Filing for P&A

Other surface disturbing operations

Well Name	API #	Location	Operation
SEMU #062	30-025-07835	T20S-R38E-Sec 20 Unit K	Final Reclamation
SEMU #176	30-025-38502	T20S-R37E-Sec 23 Unit M	Final Reclamation

Well Name	Target Formation	Location	Operation
SEMU 243	Grayburg	T20S-R38E, Sec 19 Unit N	Stake Well
SEMU 244	Grayburg	T20S-R38E, Sec 19 Unit M	Stake Well
SEMU 245	Grayburg	T20S-R38E, Sec 19 Unit K	Stake Well
SEMU 246	Grayburg	T20S-R38E, Sec 19 Unit J	Stake Well
SEMU 251	Grayburg	T20S-R38E, Sec 19 Unit C	Stake Well
SEMU 252	Grayburg	T20S-R38E, Sec 19 Unit C	Stake Well
SEMU 253	Grayburg	T20S-R38E, Sec 19 Unit C	Stake Well
SEMU 256	Grayburg	T20S-R37E, Sec 24 Unit O	Stake Well
SEMU 262	Grayburg	T20S-R37E, Sec 24 Unit O	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 19 Unit P	Stake Well
SEMU 268	Grayburg	T20S-R38E, Sec 30 Unit A	Stake Well
SEMU 269	Grayburg	T20S-R38E, Sec 30 Unit B	Stake Well
SEMU 270	Grayburg	T20S-R38E, Sec 30 Unit C	Stake Well
SEMU 271	Grayburg	T20S-R38E, Sec 30 Unit C	Stake Well

Previous Year Operations (2012):

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 #151	30-025-35338	08/01/2012	Tubb	Grayburg	70	41	230

Conversion

None

Abandonment

Well Name	API	Location	P&A Date
SEMU #147	30-025-34978	T20S-R37E-Sec 26 Unit I	01/31/2012
SEMU #176	30-025-38502	T20S-R37E-Sec 23 Unit M	11/21/2012

Other surface disturbing operations

Well Name	API #	Location	Operation
SEMU #147	30-025-34978	T20S-R37E-Sec 26 Unit P	Final Reclamation

Carry-overs:

The following planned reworks are being carried over from ConocoPhillips 2012 Plan of Development within SEMU.

Well Name	API #	Locations	Plugged back Zone	New Zone
SEMU #042	30-025-06089	T20S-R37E-Sec 13 Unit N	Penrose	Add Eumont

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SEMU #160	30-025-35583	T20S-R37E-Sec 14 Unit K	Strawn	Drinkard
SEMU #161	30-025-35823	T20S-R37E-Sec 24 Unit D	Tubb/Drinkard	GB/SA

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
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

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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
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

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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	29	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	PUMPING
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	20S	38E	18	O	Y	453GRBG	PUMPING
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

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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
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

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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
SEMU	135	300253466600	20S	37E	25	J	Y	404STRN	P&A
SEMU	136	300253466700	20S	37E	25	L	Y	452TBDK	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

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SEMU	146	300253497700	20S	37E	25	F	N	452ABO	PUMPING
SEMU	146	300253497700	20S	37E	25	F	Y	452TBDK	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	452TBDK	PUMPING
SEMU	157	300253553800	20S	38E	30	A	Y	452TBDK	PUMPING
SEMU	158	300253553900	20S	37E	24	M	Y	452TBDK	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 twelve 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.

UNIT	PA EXP	EFF DATE	BLM REFERENCE	MMS REFERENCE
SEMU	Blinebry 1st PA Expansion	6/1/1979	NMNM-071041G	AFS-892000321K
SEMU	Blinebry A PA	5/11/1998	NMNM-071041J	AFS-892000321M
SEMU	Drinkard 1st PA Expansion	1/3/1985	NMNM-071041C	AFS-892000321F
SEMU	Tubb 4th PA Expansion	10/1/1966	NMNM-071041F	AFS-892000321I
SEMU	Tubb A 1st PA Expansion	5/29/1981	NMNM-071041H	AFS-892000321H
SEMU	Tubb-Drinkard B 3rd PA Expansion	8/1/2001	NMNM-071041L	AFS-892000321N
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-07104D	AFS-892000321C

The working interest owners have been provided a copy of this 2013 Plan of Development. ConocoPhillips Company and the working interest owners believe that all current SEMU obligations have been satisfied.

In accordance with Article 5 of the Southeast Monument (SEMU) Unit Agreement, please signify your approval of the 2013 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 832-486-2338.

Bureau of Land Management

Date

New Mexico Oil Conservation Division

Date

The foregoing approvals are for the 2013 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 PA

RMS_FORMATION_NAME: BLINEBRY, BLINEBRY/TUB(10) in Zoomed Area

<Ambiguous>

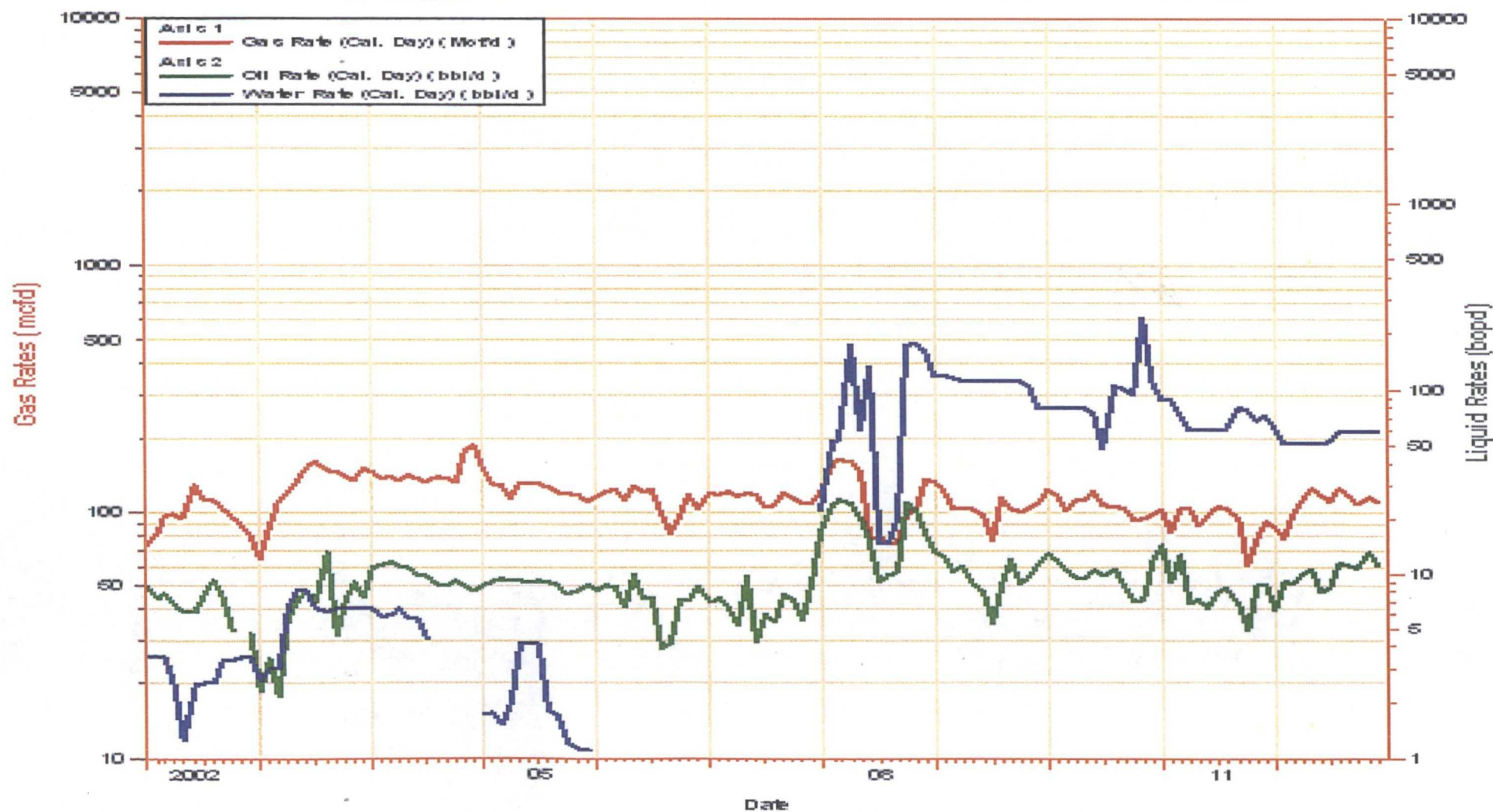
RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 545.4 Mbbl

Current Gas Cum. : 2316.6 MMcf

Current Water Cum. : 3364.5 Mbbl



SEMU Blinebry A PA

Well ID: 1892922 API - 300252186000A02

SEMU TUBBS PARTICIPATING 88 CZS

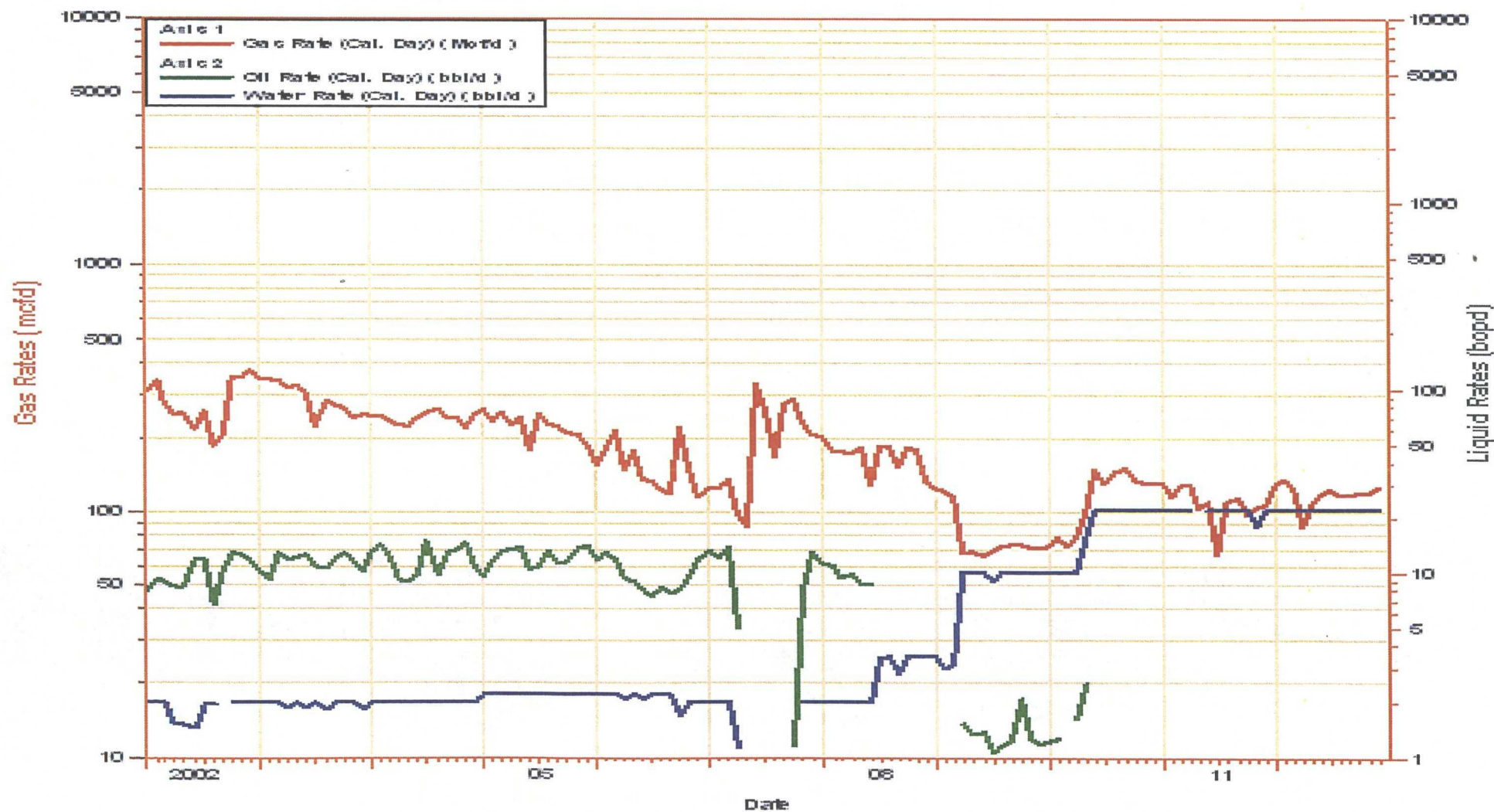
RMS Name: 704917 C0301 Well 88

WEIR EAST::BLINEBRY

Current Oil Cum. : 62.0 Mbbl

Current Gas Cum. : 1440.7 MMcf

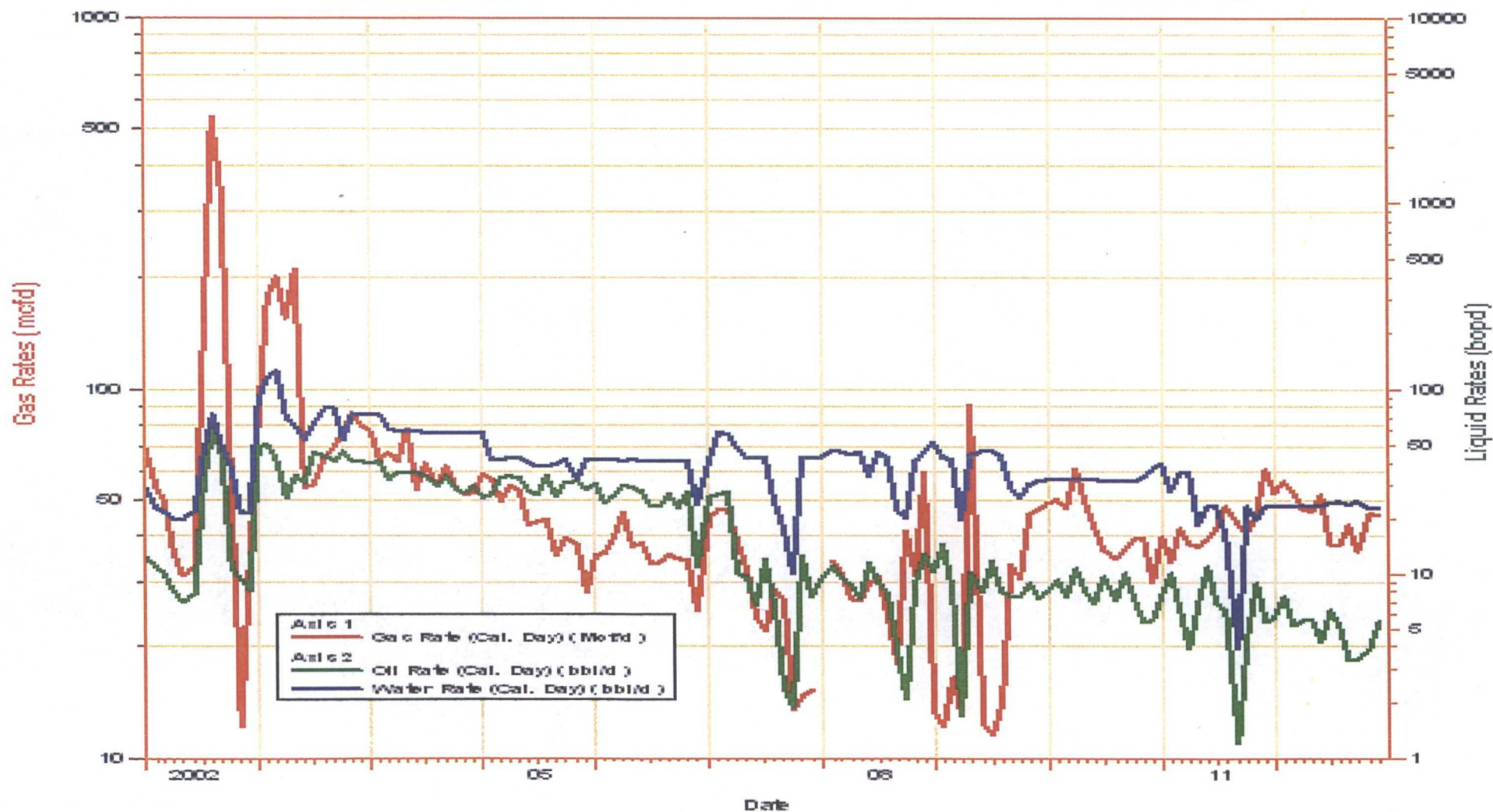
Current Water Cum. : 33.2 Mbbl



SEMU Drinkard C PA

RMS_FORMATION_NAME: DRINKARD
<Ambiguous>
RMS Name: 704898 45303 ALL WELLS
WEIR::DRINKARD

Current Oil Cum. : 297.7 Mbbl
Current Gas Cum. : 865.8 MMcf
Current Water Cum. : 1303.5 Mbbl



SEMU Tubb PA

RMS_FORMATION_NAME: BLINEBRY/TUB, TUBB, TUBB/DRINKARD(7) in Zoomed Area

<Ambiguous>

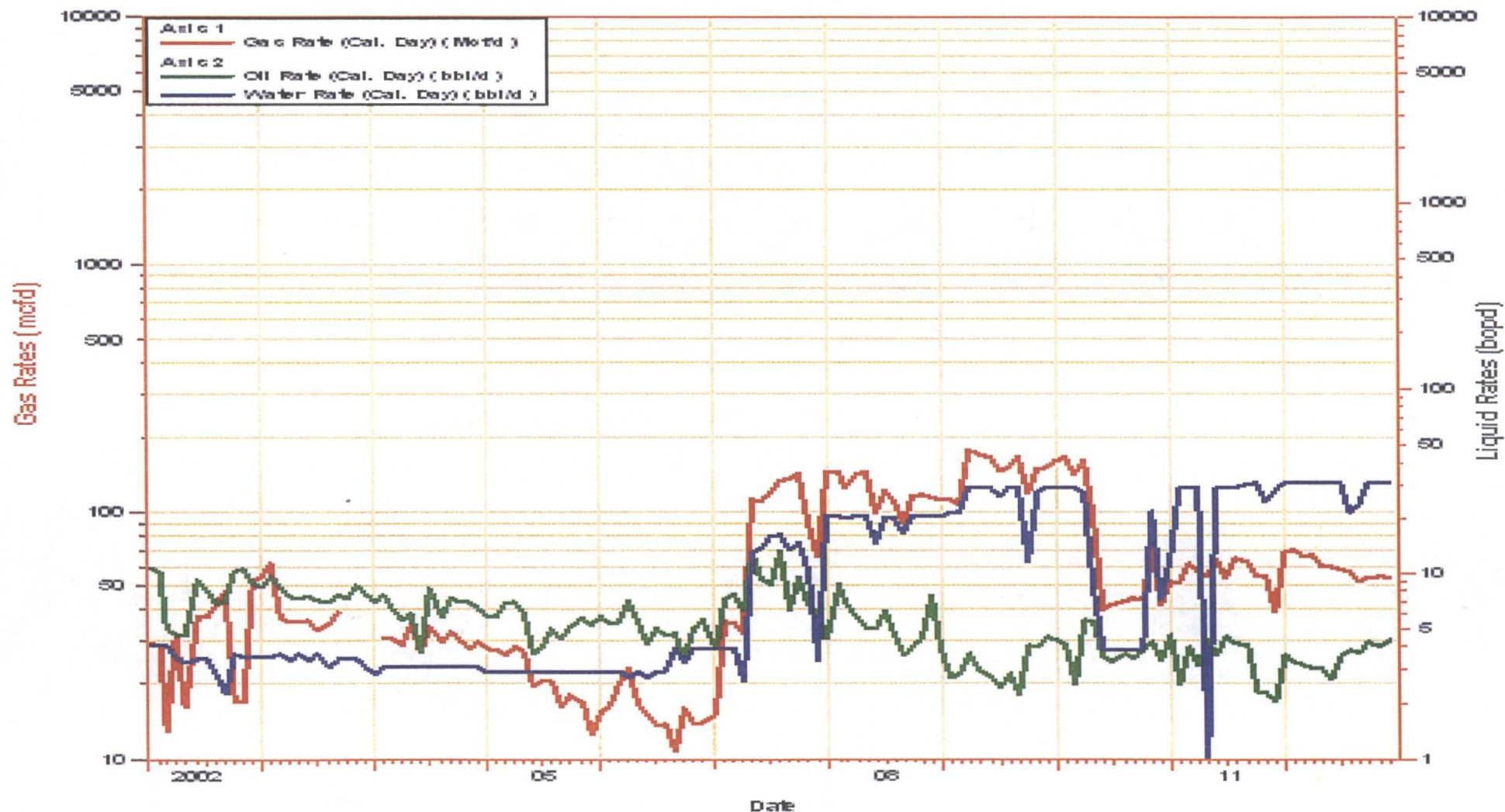
RMS Name: <Ambiguous>

MONUMENT::TUBB

Current Oil Cum. : 179.7 Mbbl

Current Gas Cum. : 2753.6 MMcf

Current Water Cum. : 220.8 Mbbl



SEMU Tubb A PA

RMS_FORMATION_NAME: BLINEBRY/TUB, TUBB, TUBB/DRINKARD(3) in Zoomed Area

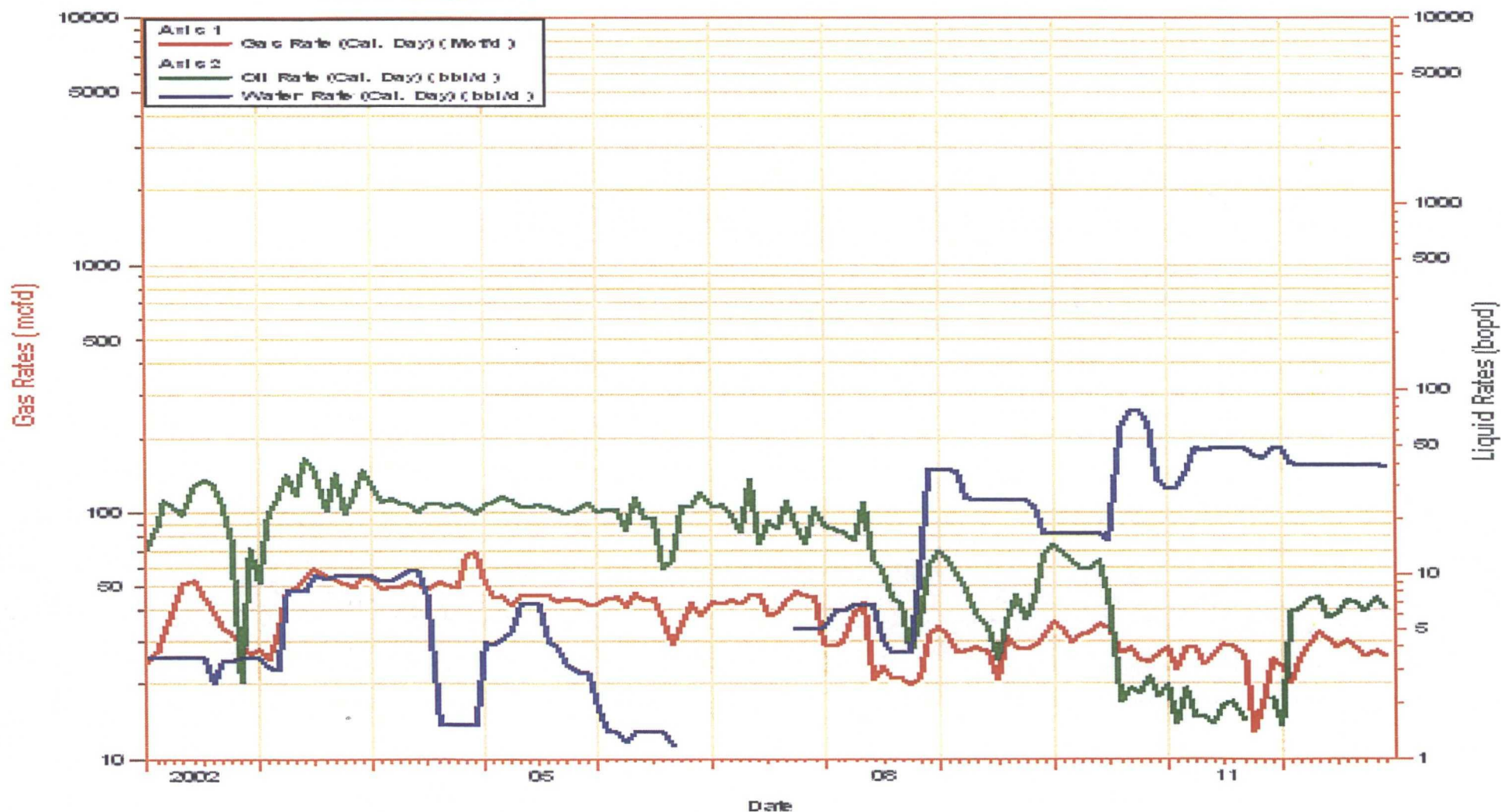
<Ambiguous>

Current Oil Cum. : 505.0 Mbbl

RMS Name: 704921 CO320 SEMU WARREN/TUBB_BASE Current Gas Cum. : 1642.3 MMcf

WARREN::TUBB

Current Water Cum. : 145.4 Mbbl



SEMU Tubb-Drinkard B PA

RMS_FORMATION_NAME: DRINKARD, TUBB, TUBB/DRINKARD(21) in Zoomed Area

<Ambiguous>

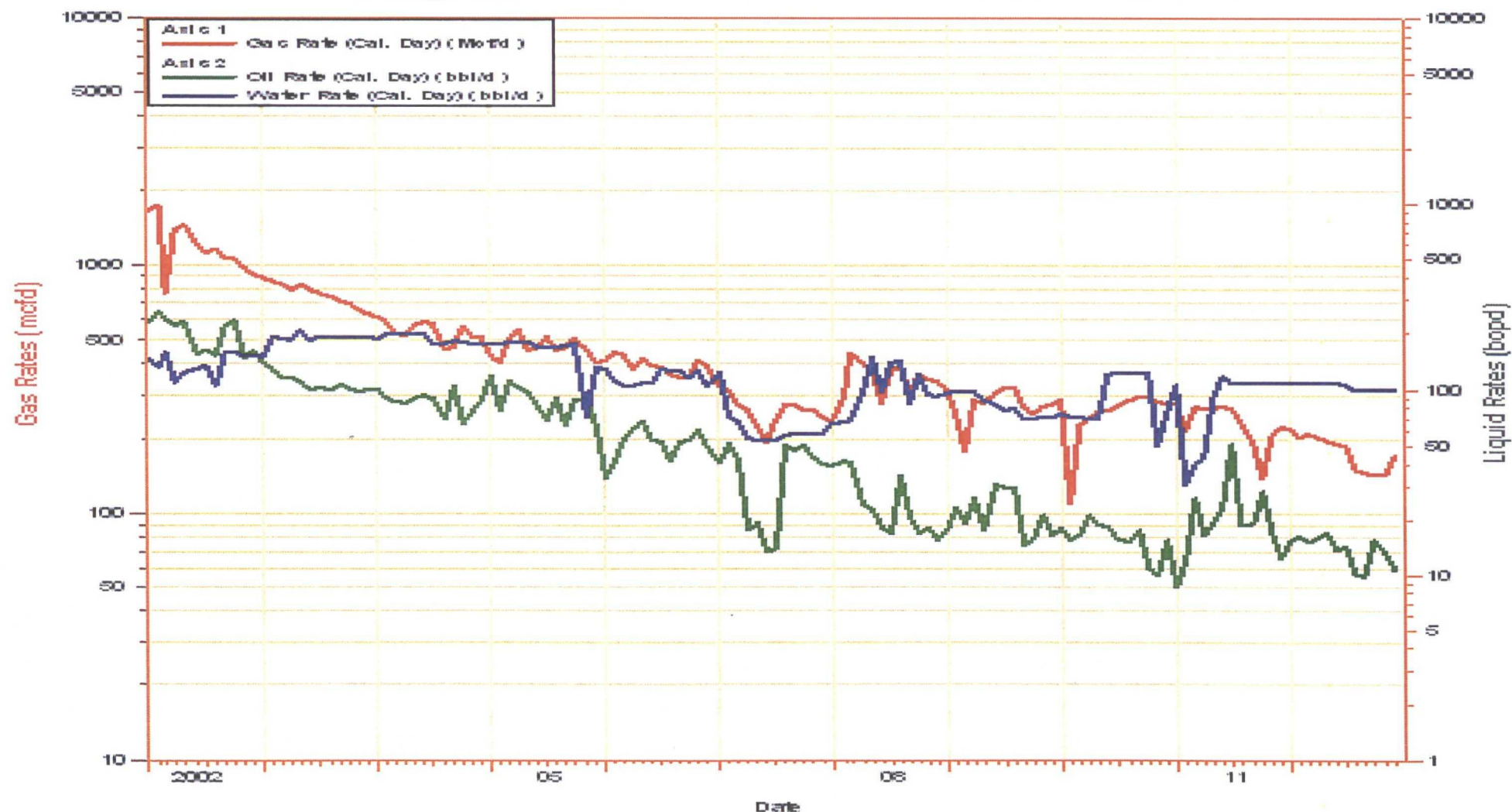
RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 550.0 Mbbl

Current Gas Cum. : 4077.3 MMcf

Current Water Cum. : 1029.9 Mbbl



SEMU Eumont PA

RMS_FORMATION_NAME: YATES/7R/QN

<Ambiguous>

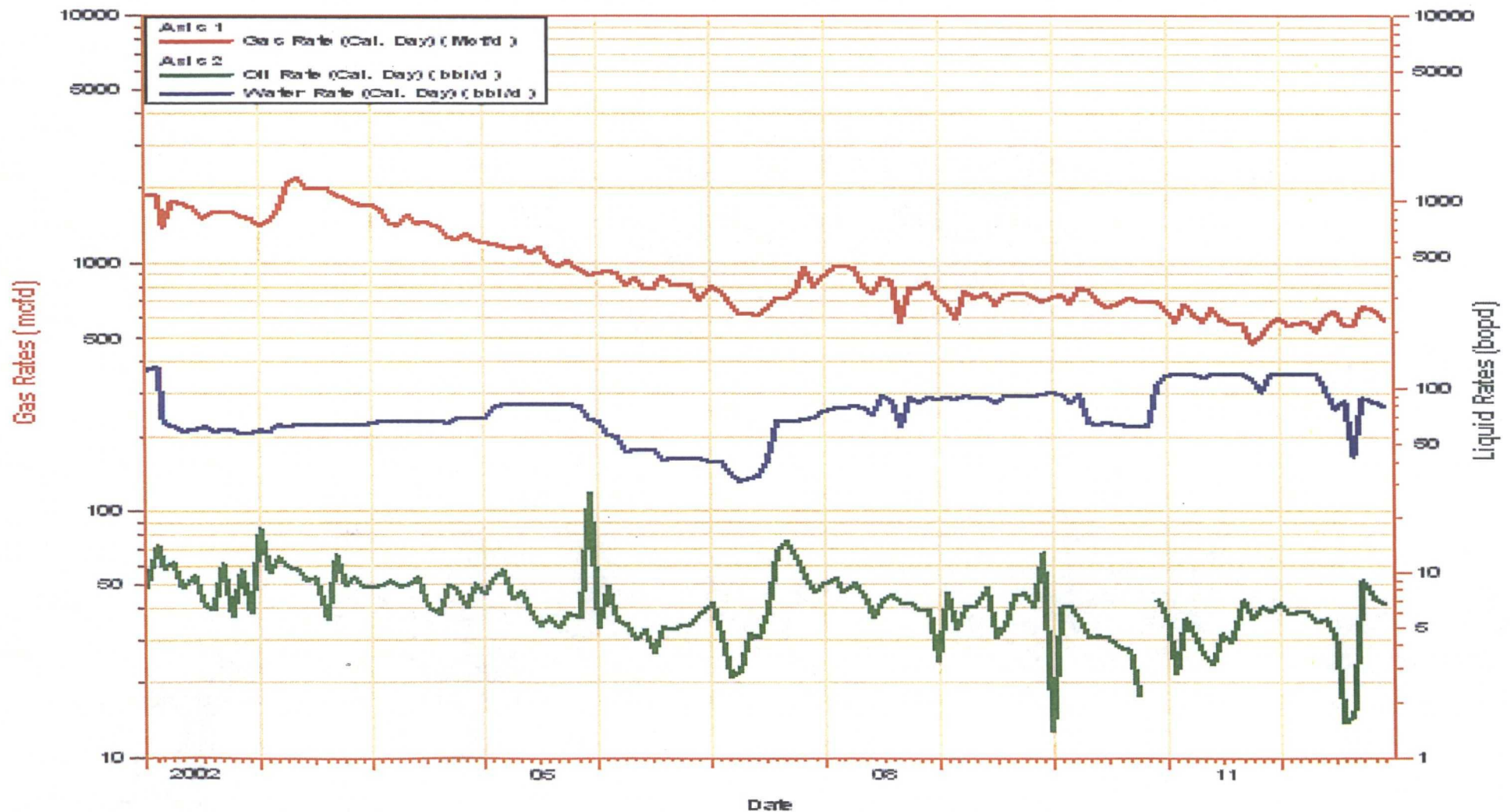
RMS Name: <Ambiguous>

EUMONT::YATES/7R/QN

Current Oil Cum. : 99.4 Mbbl

Current Gas Cum. : 10712.9 MMcf

Current Water Cum. : 410.0 Mbbl



SEMU Strawn PA

RMS_FORMATION_NAME: STRAWN, STRAWN:NORTH(7) in Zoomed Area

<Ambiguous>

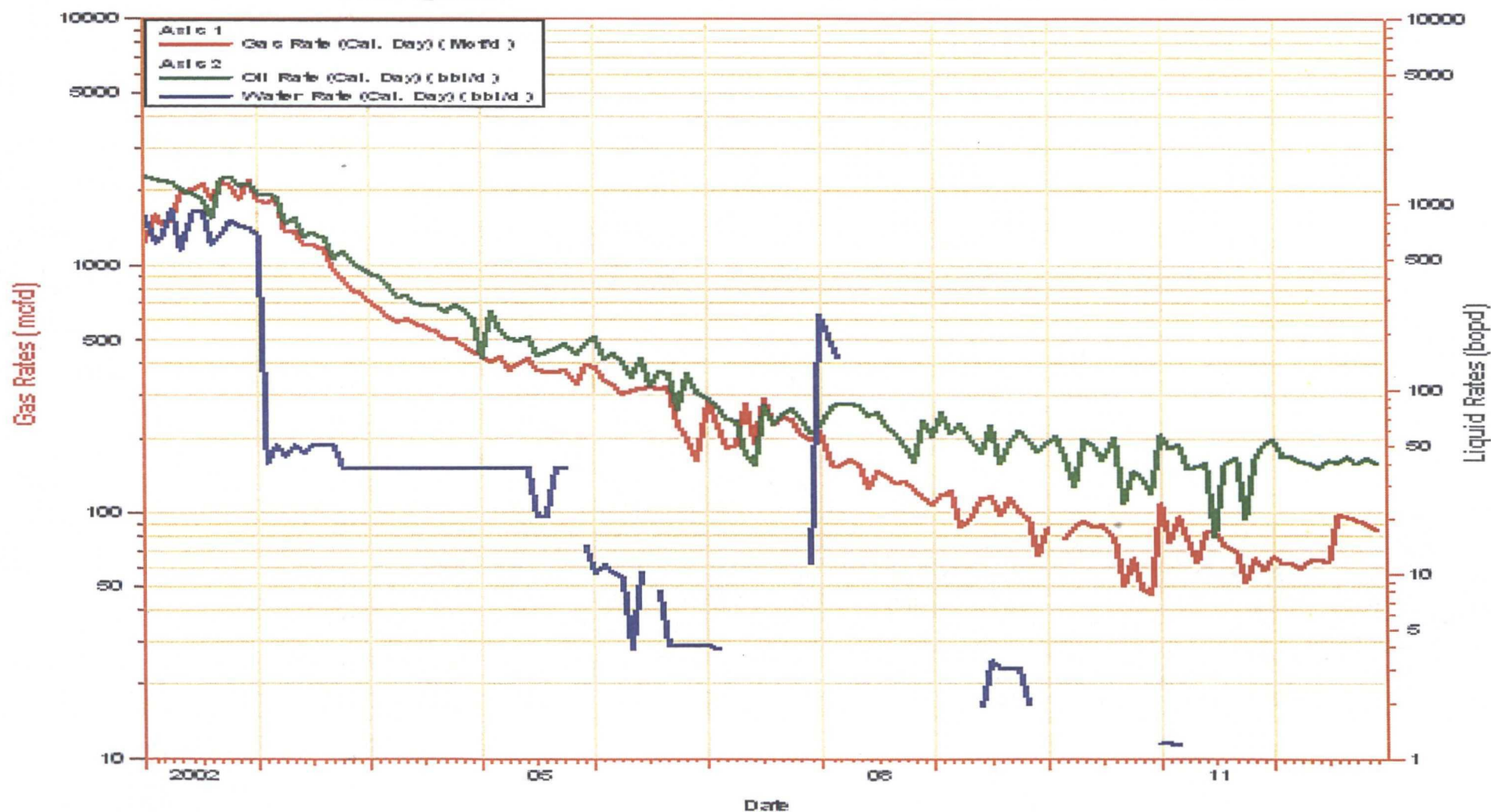
RMS Name: <Ambiguous>

<Ambiguous>

Current Oil Cum. : 1675.4 Mbbl

Current Gas Cum. : 2384.0 MMcf

Current Water Cum. : 517.3 Mbbl



SEMU Grayburg-San Andres PA

RMS_FORMATION_NAME: GRAYBURG

<Ambiguous>

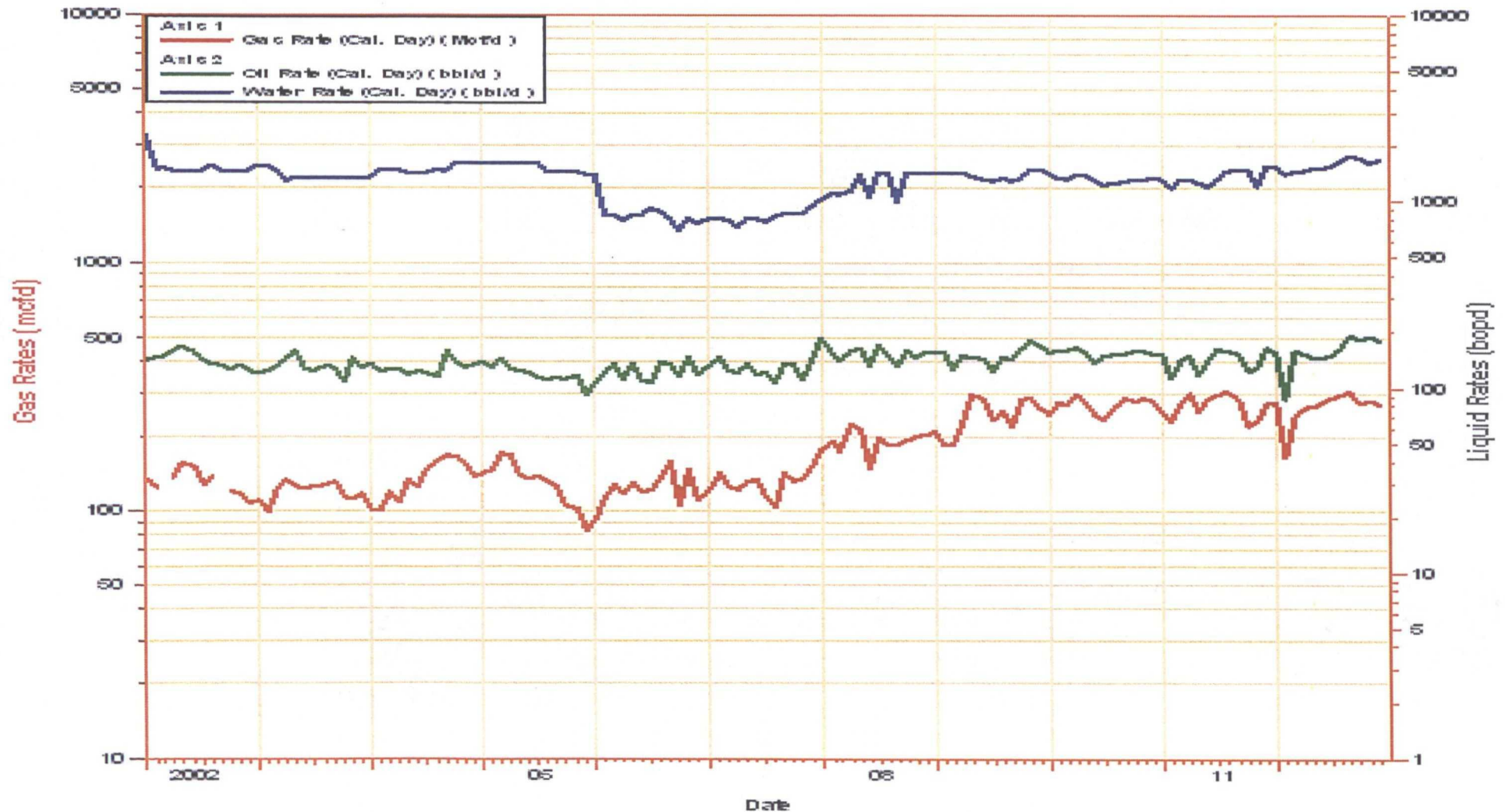
RMS Name: <Ambiguous>

SKAGGS::GRAYBURG

Current Oil Cum. : 2316.1 Mbbl

Current Gas Cum. : 2156.4 MMcf

Current Water Cum. : 14755.8 Mbbl



SEMU Pennsylvanian PA

Well ID: 1994069 API - 300253558300S01

SEMU 160 UKC

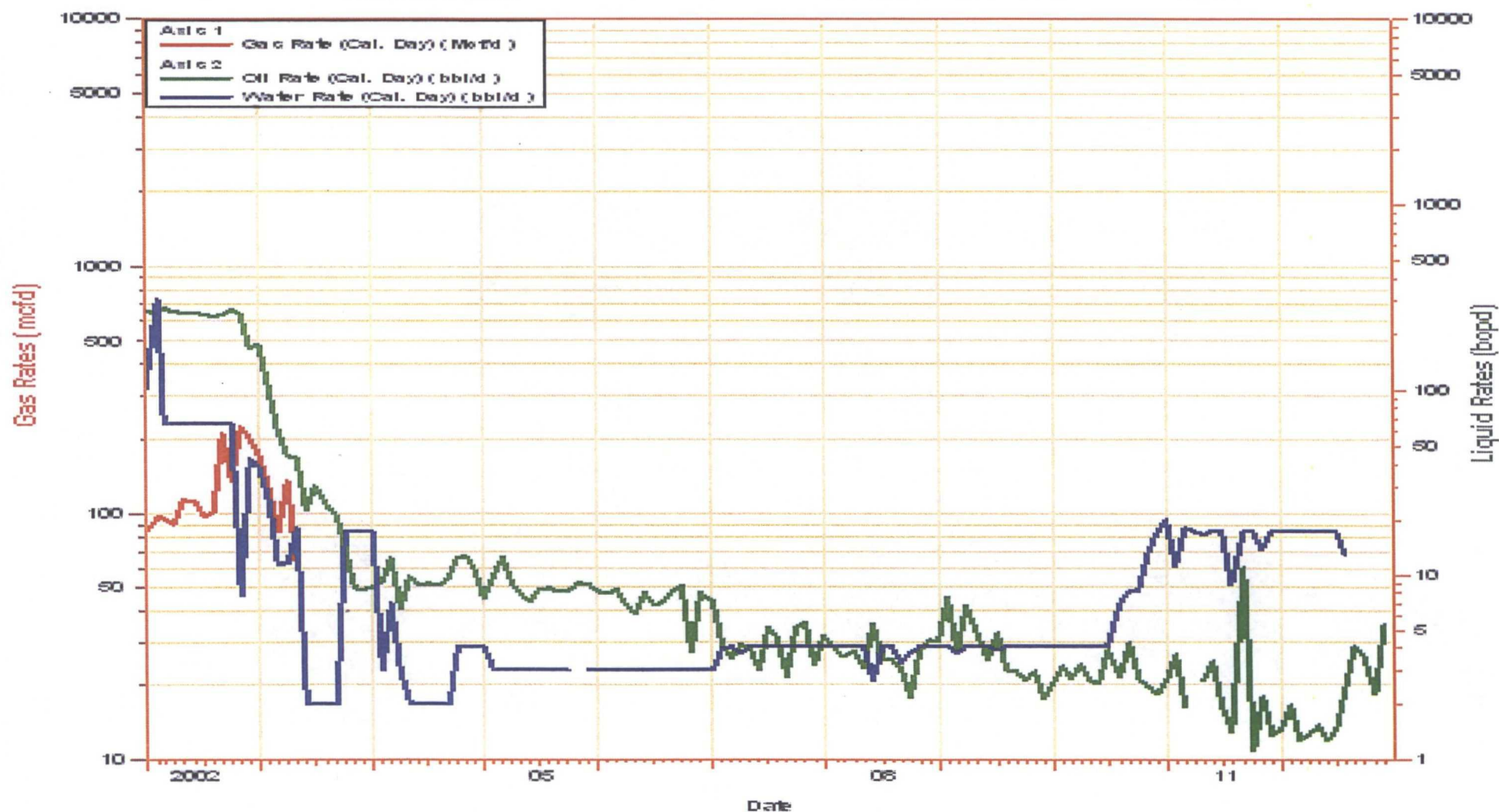
RMS Name: 709135 C0311 #160

WEIR::PENN

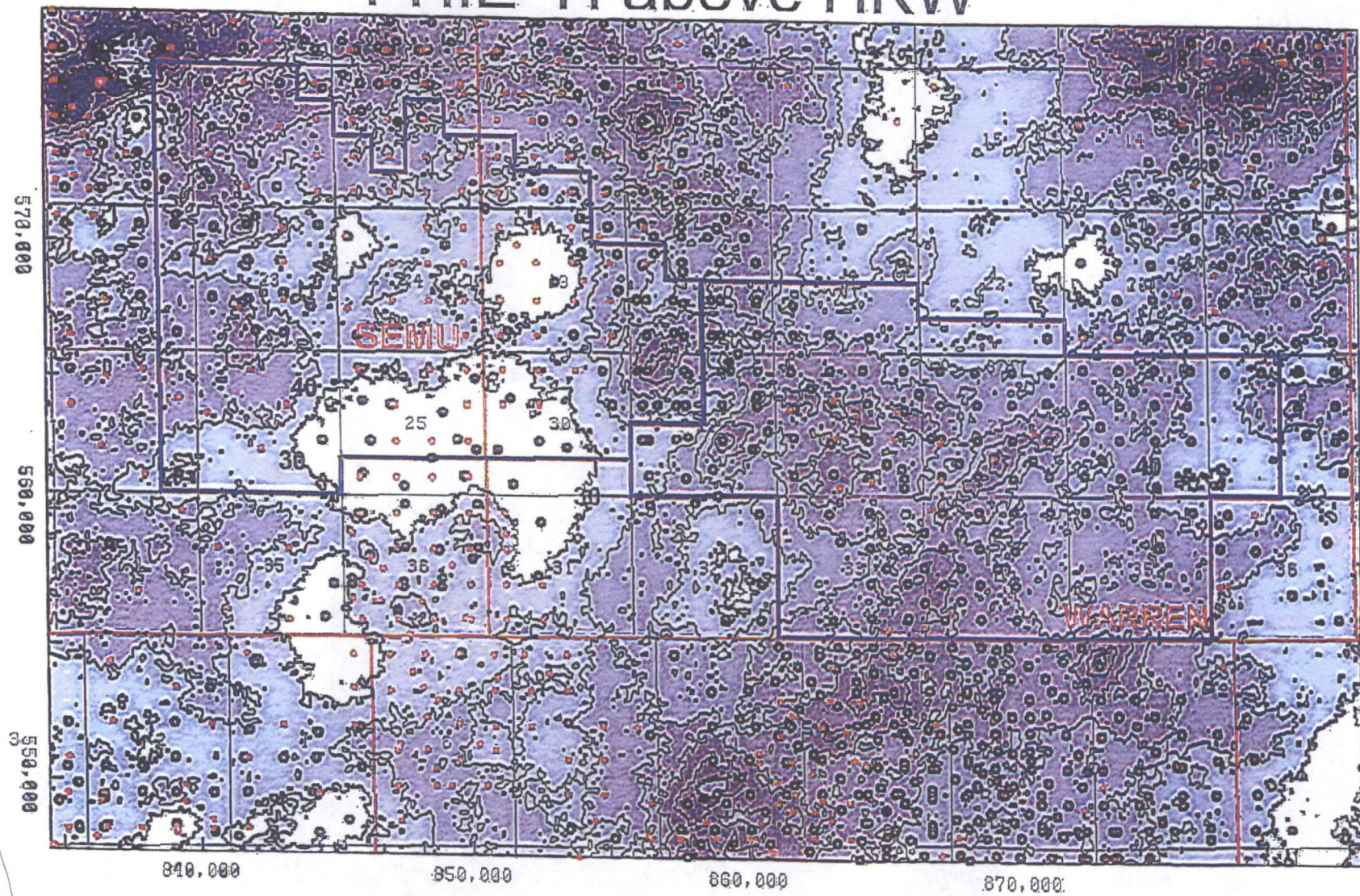
Current Oil Cum. : 143.1 Mbbl

Current Gas Cum. : 72.4 MMcf

Current Water Cum. : 64.1 Mbbl



PHIE H above HKW



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

Contour Interval=10 feet

T20S R37E

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T20S R38E

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LEA

Blinebry 1st P.A. Exp.
effective 06/01/1979

Blinebry A Initial P.A. Exp.
effective 05/11/1998

Legend

- CRUDE OIL
- GAS
- Active Wells
- Blinebry P.A.
- Blinebry A P.A.
- South East Monument Unit C-100197

Unit Tract No.

- 1 - NM 62667
- 2 - LC-031621(b)
- 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)



1,500 750 0 1,500 Feet

ConocoPhillips

Mid-Continent Land

Southeast New Mexico
Southeast
Monument Unit

Author: Tom Scarborough Date: 2/18/2013
Compiled by: Angela Whitfield Scale: 1"=3,000'
Project File: semu_blinebry ps dev plan m30.mxd

8

**Tubb-Drinkard B 3rd P.A. Exp.
effective 08/01/2001**

17

South East Monument Unit C-100197

9 - LC-031670(b)



Author: Ashley Manning-Dyke	Date: 2/27/201
Compiled by: B. Alexander	Scale: 1:35,000
Project File: semu drinkard pa dev plan.mxd	



32

T20S R37E

T20S R38E

LEA

**Tubb 4th P.A. Exp.
effective 10/1/1966**

**Tubb A 1st P.A. Exp.
effective 05/29/1981**

**Tubb-Drinkard B 3rd P.A.
Exp. effective 08/01/2001**

Legend

- SEMU TUBB_and TUBB_DRINKARD_Active
- SEMU TUBB and TUBB DRINKARD
- Tubb P.A.
- Tubb A P.A.
- Tubb Drinkard B P.A.
- South East Monument Unit C-100197

Unit Tract No.

- 1 - NM 62667
- 2 - LC-031621(b)
- 3 - LC-031623(a)
- 4 - NM 0557696
- 5 - NM 90161
- 6 - LC-031695(a)
- 7 - NM 2511
- 8 - LC-031670(a)
- 9 - LC-031670(b)
- 10 - LC-031695(a)

0 0.050.1 0.2 0.3 0.4 0.5
Miles

0 415 830 1,660 2,490 3,320
Feet



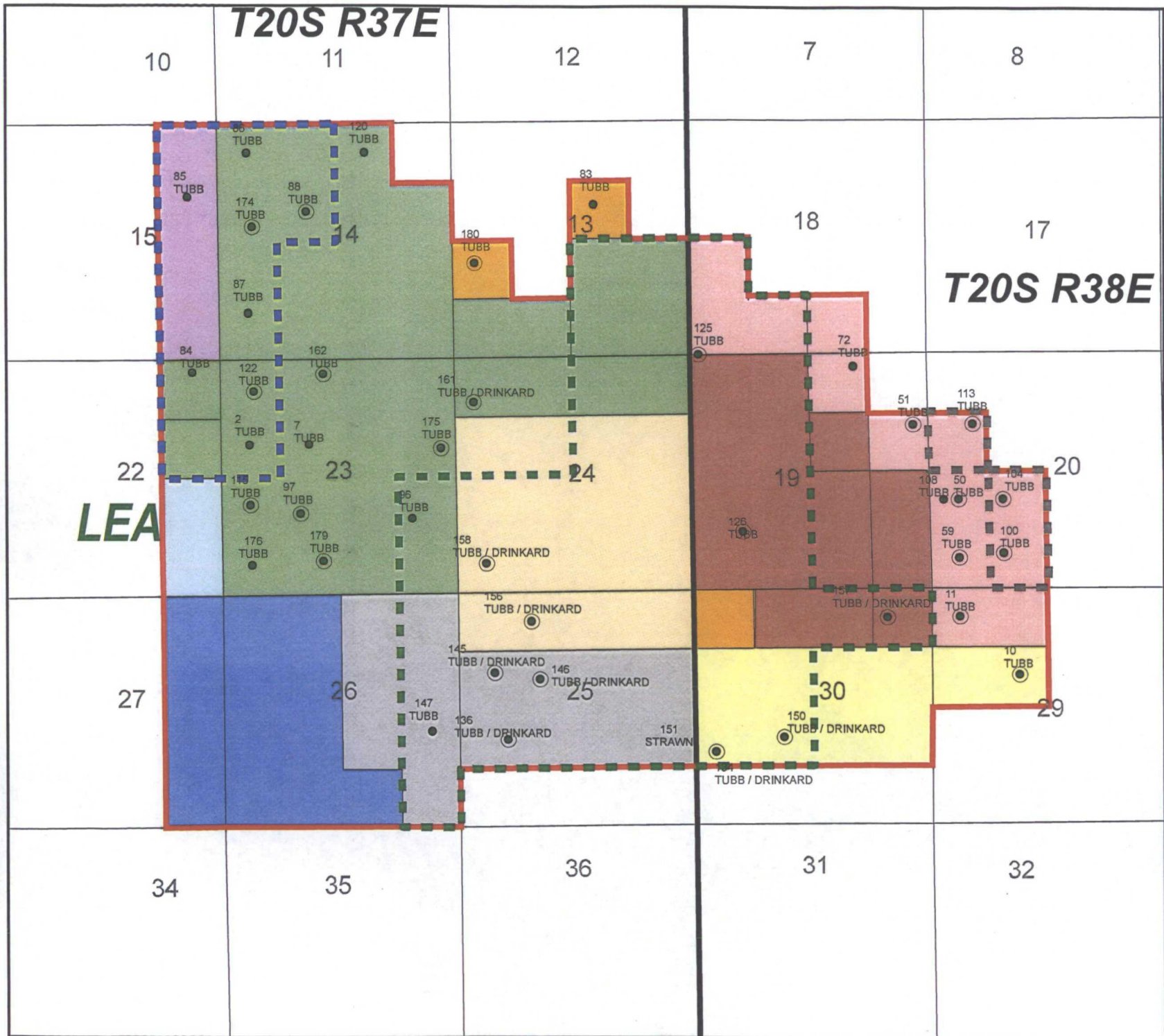
ConocoPhillips

Mid-Continent Land

Southeast New Mexico

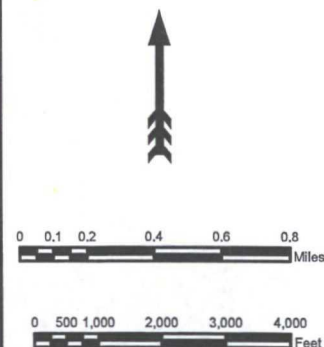
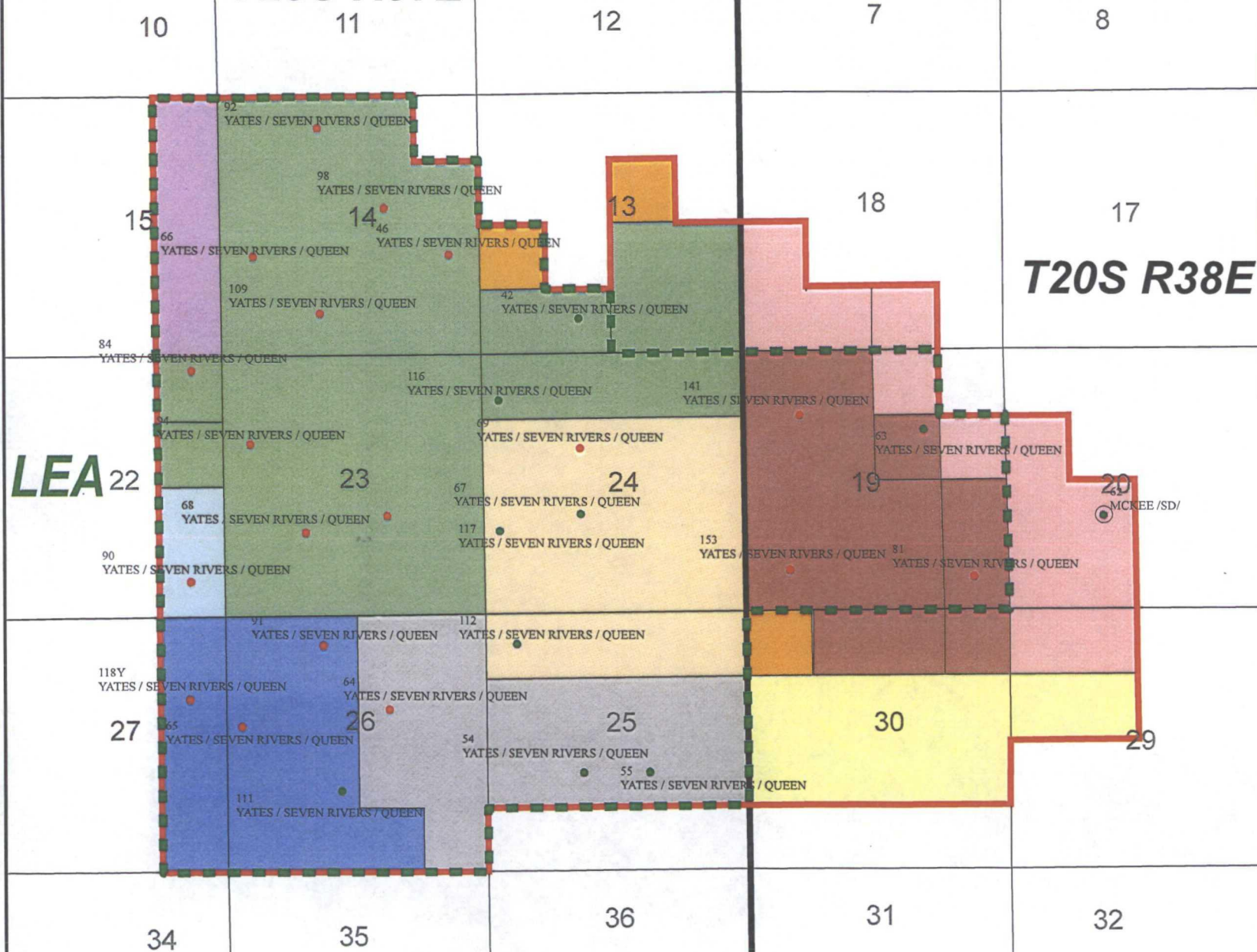
**Southeast
Monument Unit**

Author: Ashley Manning-Dyke Date: 2/28/2013
Compiled by: B. Alexander Scale: 1:38,000
Project File: SEMU_tubb_pa_dev_plan.mxd



T20S R37E

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



ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Ashley Manning-Dyke Date: 2/28/2013
 Checked by: B. Alexander
 Project File: 28101_eumont_24_dry_plan.rvt

T20S R37E

T20S R38E

LEA

**Strawn 1st P.A. Exp.
effective 01/22/2001**

Legend

- CRUDE OIL
- GAS
- Active
- Strawn P.A.
- South East Monument Unit C-100197
- Unit Tract No.**
- 1 - NM 62667
- 2 - LC-031621(b)
- 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)



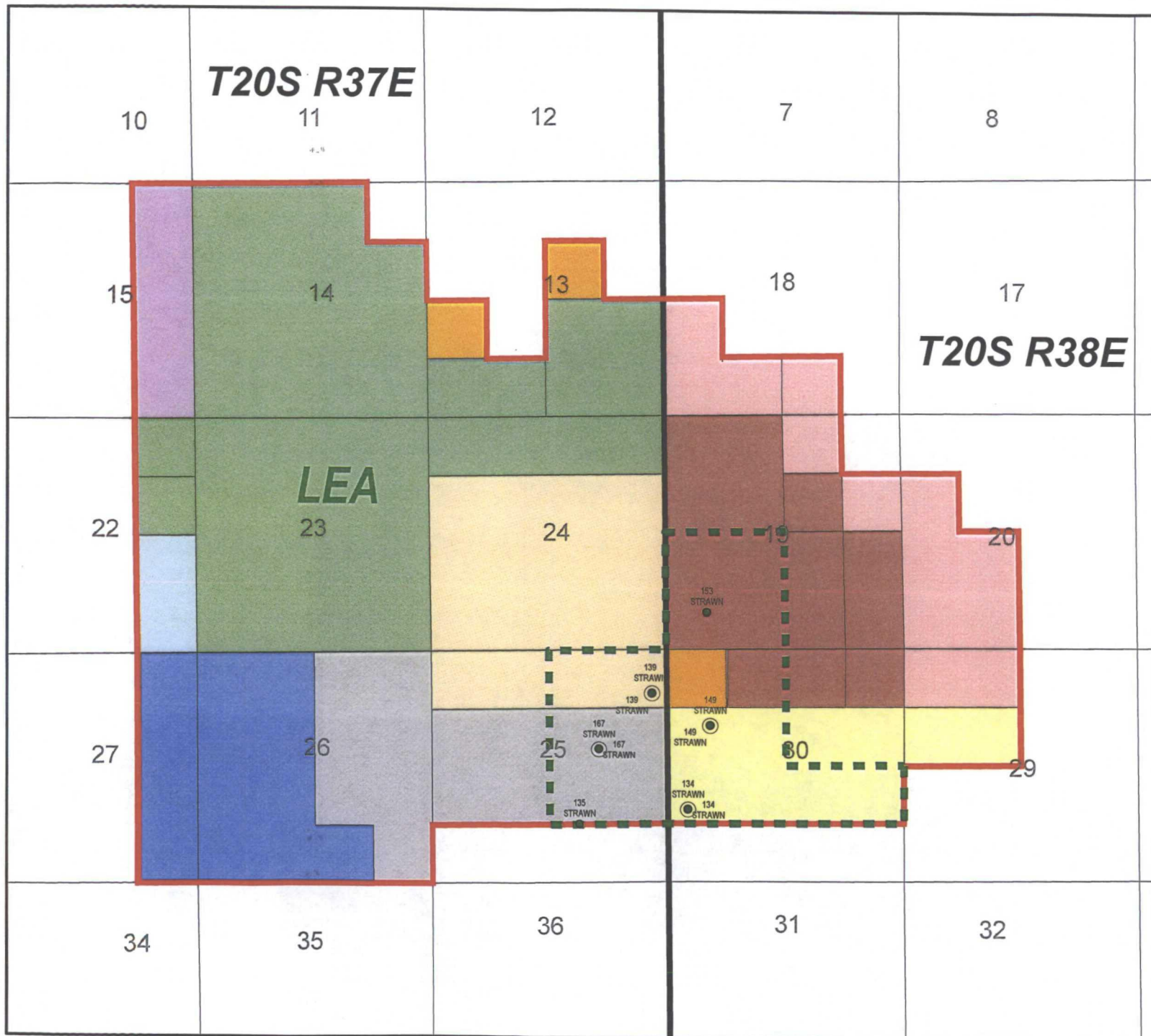
1,500 750 0 1,500 Feet

ConocoPhillips

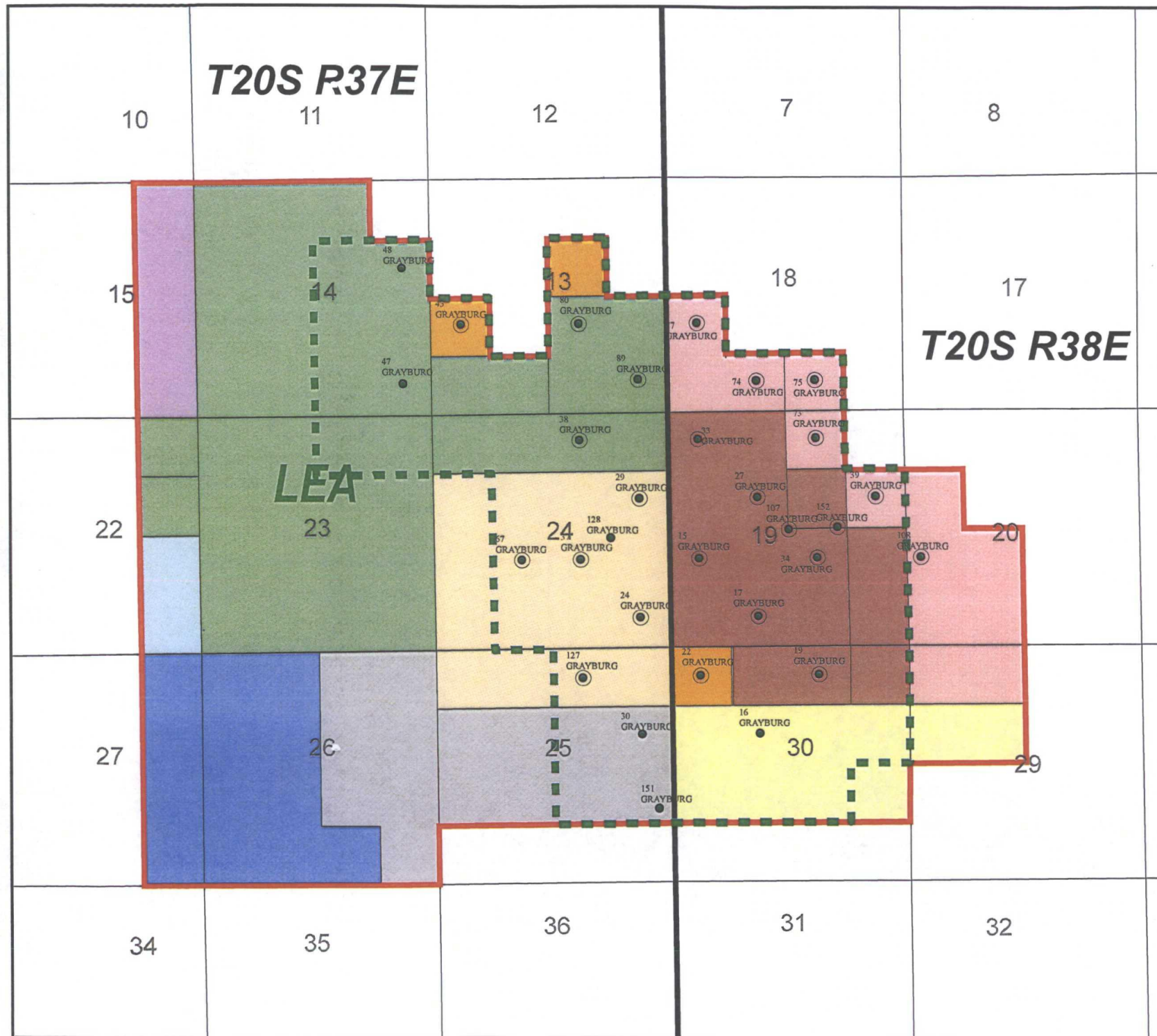
Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Tom Scarbrough Date: 2/18/2013
Checked by: Angela Whitfield Scale: 1"=3,000'
Project File: strawn_pa_dev_plan.mxd



Grayburg - San Andres
18th P.A. Exp.
effective 01/01/1960



Legend

- 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 0557686
 - 5 - NM 90161
 - 6 - LC-031696(a)
 - 7 - NM 2511
 - 8 - LC-031670(a)
 - 9 - LC-031670(b)
 - 10 - LC-031695(a)



0 0.05 0.1 0.2 0.3 0.4 0.5 0.6
Miles

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

ConocoPhillips

Mid-Continent Land

Southeast New Mexico
Southeast
Monument Unit

Author: Ashley Manning-Dyke Date: 2/28/2013
 Compiled by: B. Alexander Scale: 1:35,000
 Project File: SEMU permian pa dev plan.mxd

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 0557686
- 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: 2/18/2013
Compiled by: Angela Whitfield Scale: 1"=3,000'
Project File: semu_pennsylvanian_2nd_p.a. dev map.mxd

T20S R37E

T20S R38E

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

Legend

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

Unit Tract No.

- 1 - NM 62667
- 2 - LC-031621(b)
- 3 - LC-031620(a)
- 4 - NM 0557696
- 5 - NM 90161
- 6 - LC-031696(a)
- 7 - NM 2511
- 8 - LC-031670(a)
- 9 - LC-031670(b)
- 10 - LC-031695(a)



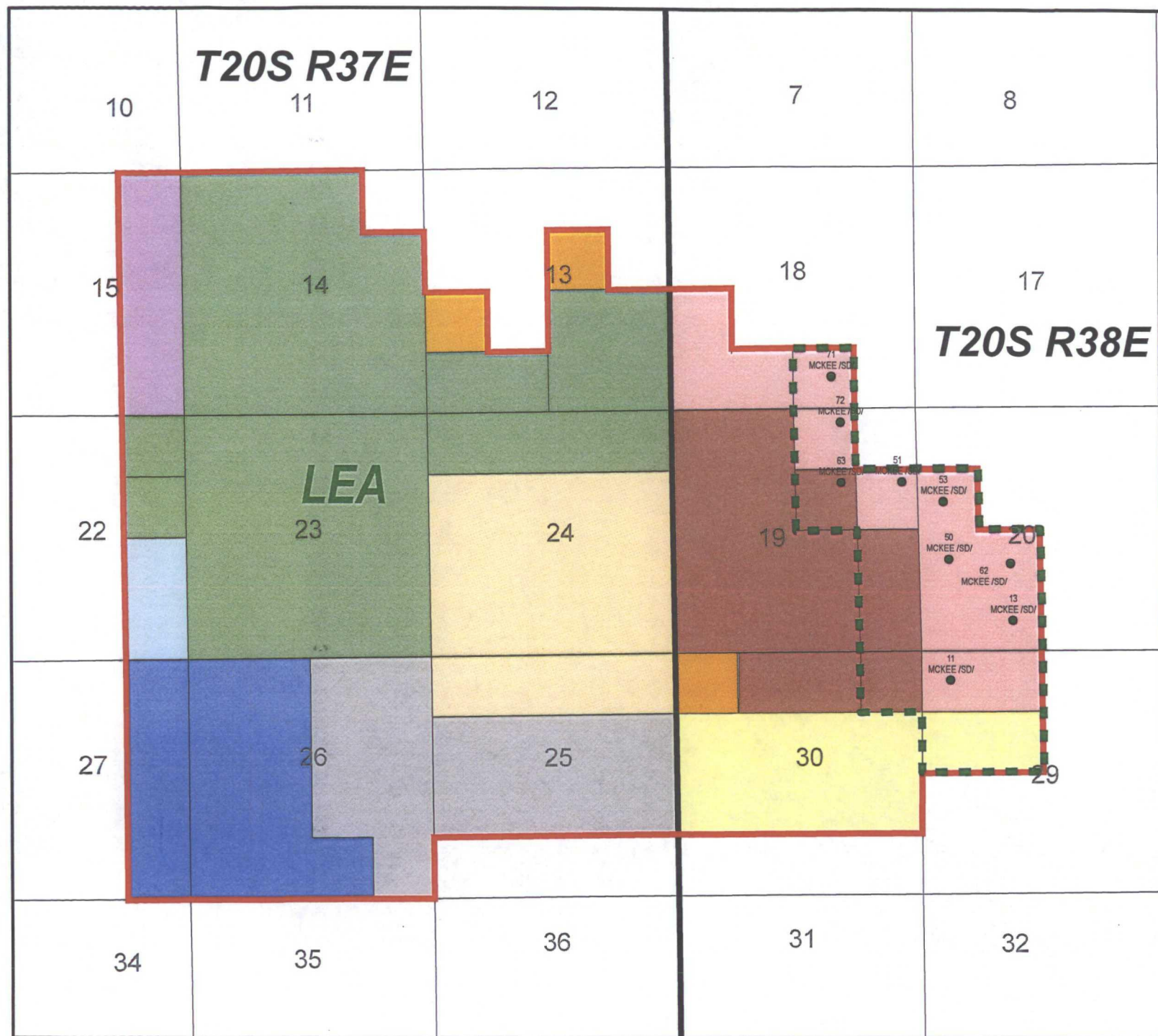
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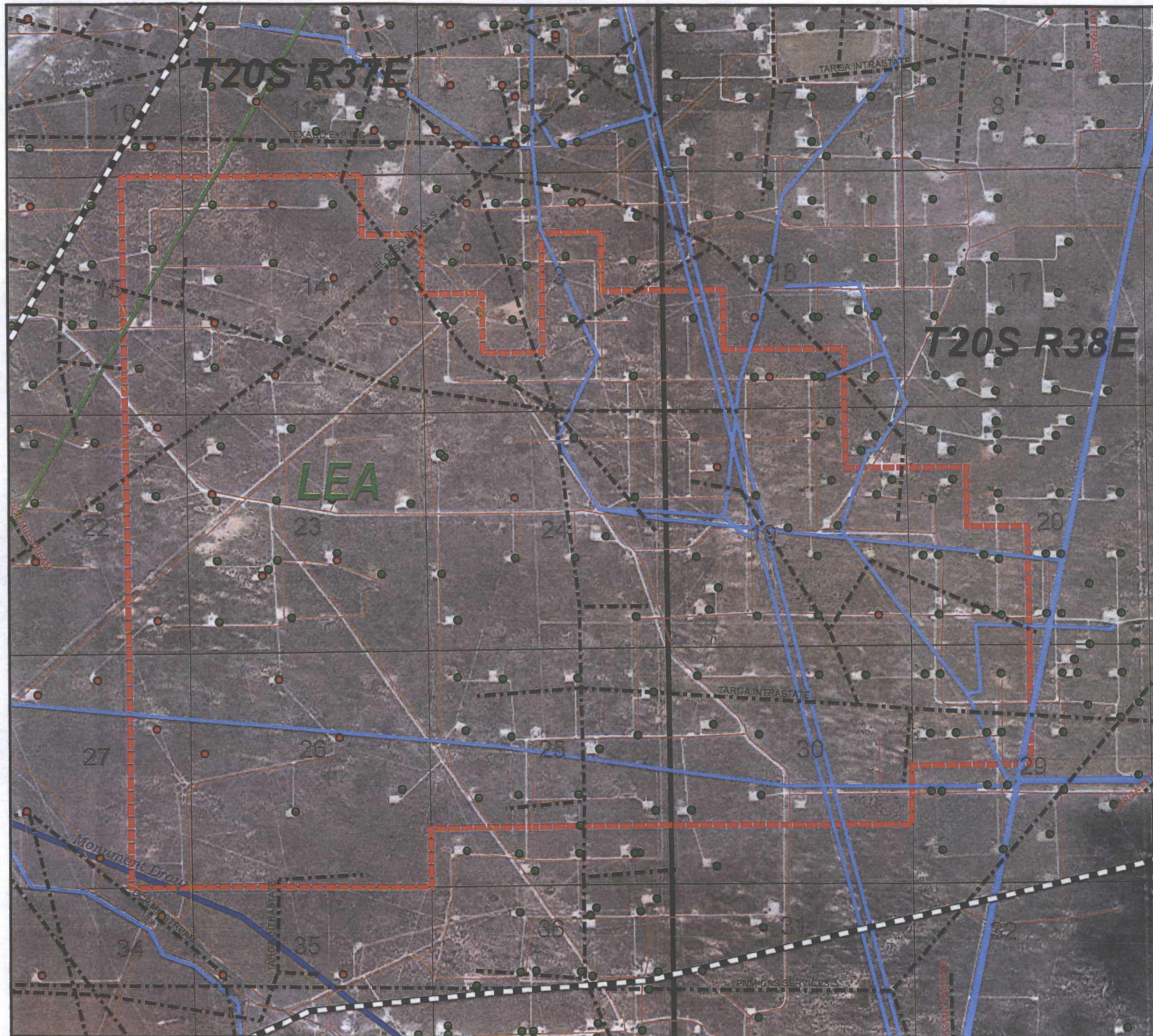
ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Tom Scarborough Date: 2/19/2013
Compiled by: Angela Whitfield Scale: 1"=3,000'
Project File: semu_simpson_mckee_pa_dev_mon.mxd





Legend

P2000_PROD OIL & GAS

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



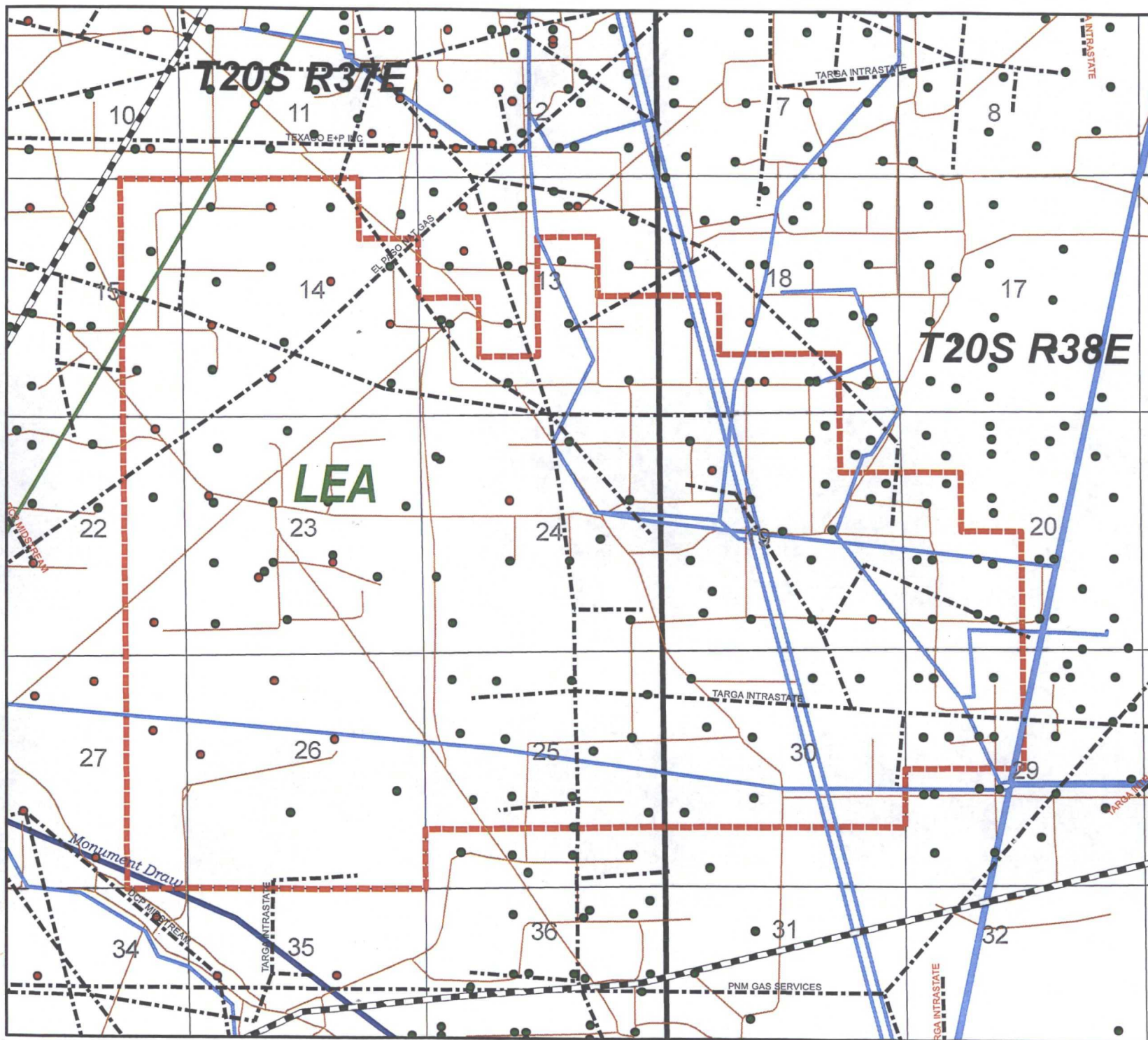
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ConocoPhillips

Mid-Continent Land

**Southeast New Mexico
Southeast
Monument Unit**

Author: Ashley Manning-Dyke	Date: 2/5/2013
Compiled by: Ashley Manning-Dyke	Scale: 1:36,000
Project File: semu_field_map_dev_plan.mxd	



Legend

P2000_PROD OIL & GAS

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



1,400 700 0 1,400 Feet

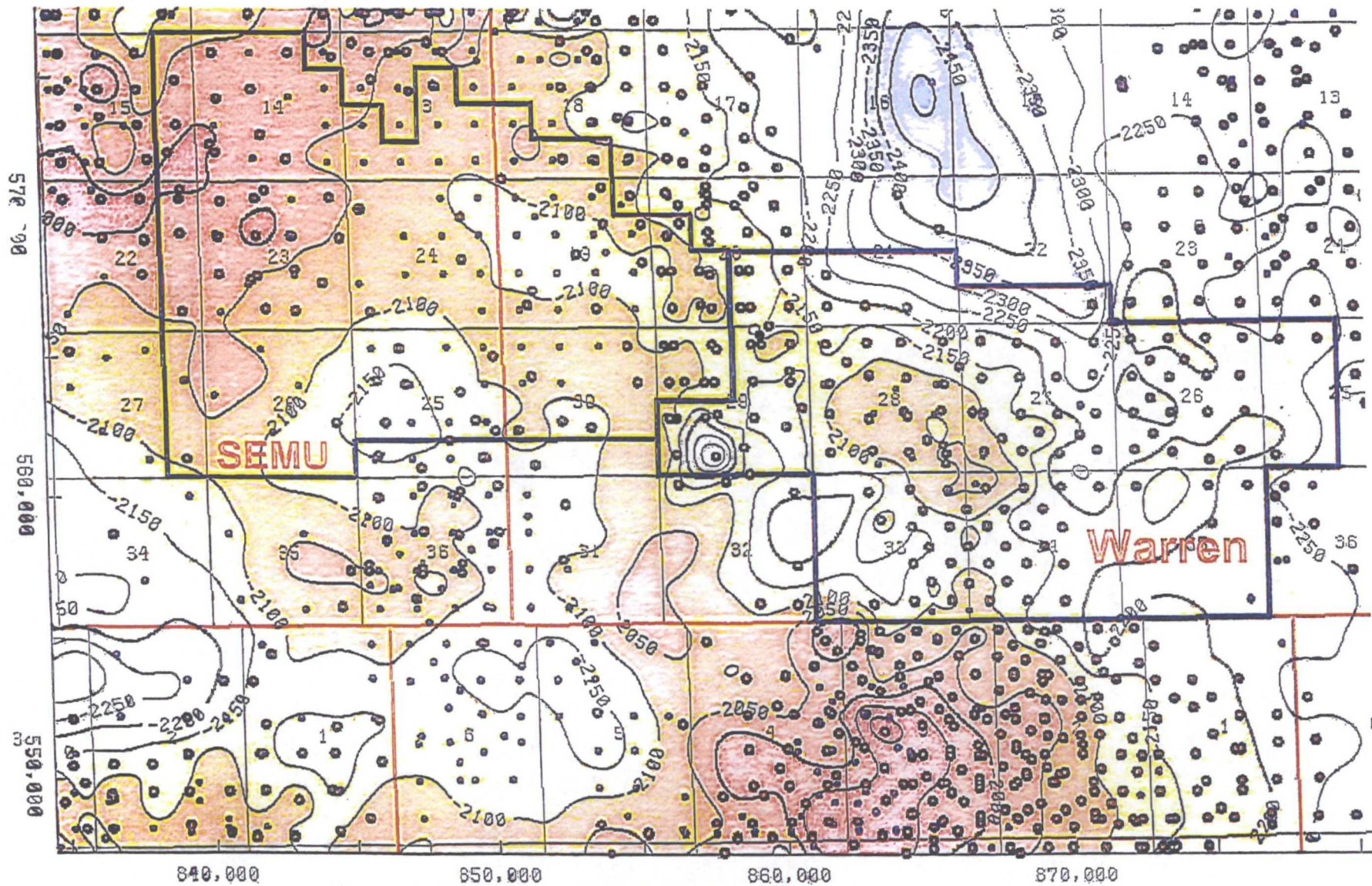
ConocoPhillips

Mid-Continent Land

Southeast New Mexico
Southeast
Monument Unit

Author: Ashley Manning-Dyke Date: 2/5/2013
 Compiled by: Ashley Manning-Dyke Scale: 1"=3,000'
 Project File: semu field map dev plan.mxd

Top Blinebry Structure Map



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

Contour Interval=50 feet