



Sean McLaughlin
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Case File
11742 UN

February 28, 2019

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
2019 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 100197

Dear Sir or Madam,

ConocoPhillips Company, as Unit Operator of the Southeast Monument (SEMU) Unit, hereby submits for your approval, our 2019 Plan of Development.

Items are included as follows: Planned 2019 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,

Sean McLaughlin
Senior Landman

2019 Planned Operations

Drilling/Permitting:

None

Re-Completions and Plug Backs:

Well Name	API #	Locations	Original Zone	New Zone
SEMU #21	300250781600	T20S-R38E Sec 19 Unit O	TUBB	GRAYBURG
SEMU #157	300253553800	T20S-R48E Sec 30 Unit A	BTD	GRAYBURG
SEMU #141	300253492100	T20S-R38E Sec 19 Unit D	EUMONT	GRAYBURG

Conversion to Injection:

Well Name	API #	Locations	Original Zone	New Zone
SEMU #23	300250786100	T20S-R38E Sec 30 Unit D	YSRQ	GRAYBURG
SEMU #51	300250782400	T20S-R38E Sec 19 Unit H	TUBB	GRAYBURG

Abandonment:

Well Name	API #	Location	Status
SEMU #153	300253543400	T20S-R38E Sec 19 Unit M	PUMPING
SEMU #10	300250784900	T20S-R38E Sec 29 Unit F	PUMPING
SEMU #11	300250784600	T20S-R38E Sec 29 Unit D	PUMPING

Other surface disturbing operations:

None

Previous Year Operations (2018)

Drilling/Permitting:

None

Re-Completions and Plug Backs:

Well Name	API #	Locations	Original Zone	New Zone
SEMU #125	30-025-34126	T20S-R38E Sec 18 Unit M	Tubb	Grayburg
SEMU #126	30-025-34127	T20S-R38E Sec 19 Unit M	Tubb	Grayburg

Conversion to Injection:

None

Abandonment:

None

Other surface disturbing operations:

None

Carry-overs

The following planned reworks are being carried over from ConocoPhillips 2018 Plan of Development within SEMU.

Drilling/Permitting:

None

Re-Completions and Plug Backs:

None

Conversion to Injection:

None

Abandonment:

None

Other surface disturbing activities:

None

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

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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	P&A
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
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

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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	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
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

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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
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	453GRBG	PUMPING
SEMU BURGER B	126	300253412700	20S	38E	19	M	Y	453GRBG	PUMPING
SEMU PERMIAN	127	300253389500	20S	37E	25	B	Y	453GRBG	PUMPING

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SEMU PERMIAN	128	300253431300	20S	37E	24	I	Y	453GRBG	P&A
SEMU PERMIAN	128	300253431300	20S	37E	24	I	Y	452TBDK	P&A
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	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	SHUT-IN
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	P&A
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
SEMU	243	300254201500	20S	38E	19	O	Y	453GRBG	ACTIVE SERV
SEMU	244	300254201600	20S	38E	19	O	Y	453GRBG	PUMPING
SEMU	245	300254201700	20S	38E	19	J	Y	453GRBG	PUMPING
SEMU	246	300254201800	20S	38E	19	J	Y	453GRBG	ACTIVE SERV
SEMU	247	300254201900	20S	37E	24	H	Y	453GRBG	ACTIVE SERV
SEMU	249	300254202000	20S	38E	19	E	Y	453GRBG	PUMPING
SEMU	250	300254202100	20S	38E	19	F	Y	453GRBG	ACTIVE SERV
SEMU	251	300254202200	20S	38E	19	B	Y	453GRBG	PUMPING
SEMU	253	300254202300	20S	38E	19	D	Y	453GRBG	PUMPING
SEMU	266	300254202400	20S	38E	19	I	Y	453GRBG	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.

UNIT	PA EXP	EFF DATE	BLM REFERENCE	MMS REFERENCE
SEMU	Consolidated Blinebry-Tubb-Drinkard PA A	11/01/2012	NMNM-071041M	AFS-8910003210
SEMU	Consolidated Blinebry-Tubb-Drinkard PA B	11/01/2012	NMNM-071041N	AFS-892000321P
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 19th PA Expansion	5/9/2013	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 2019 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 2019 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 832-486-2356.

Bureau of Land Management

Date

New Mexico Oil Conservation Division

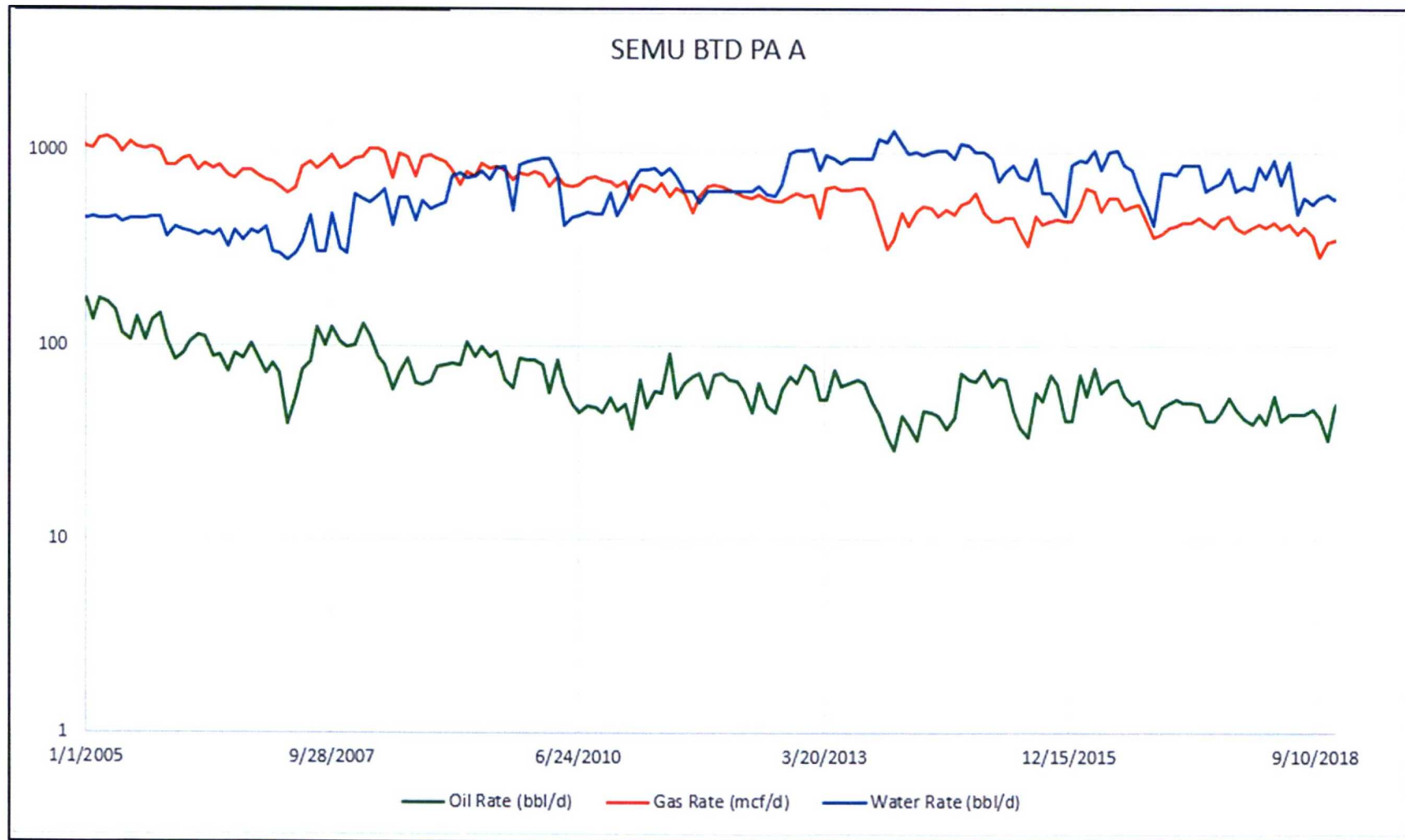
Date

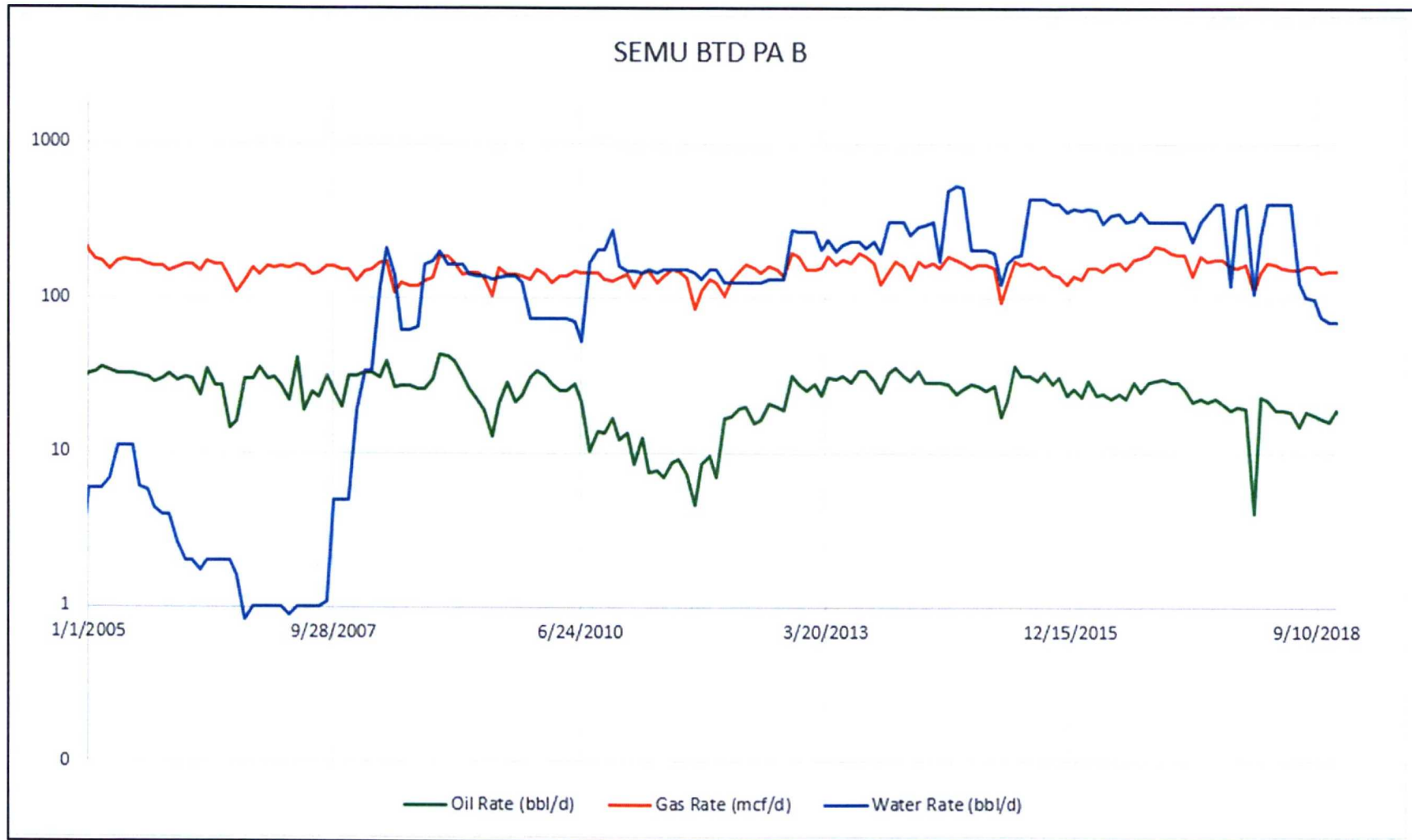
The foregoing approvals are for the 2019 Plan of Development for the Southeast Monument (SEMU) Unit, I SEC- No. 321, Lea County, New Mexico.

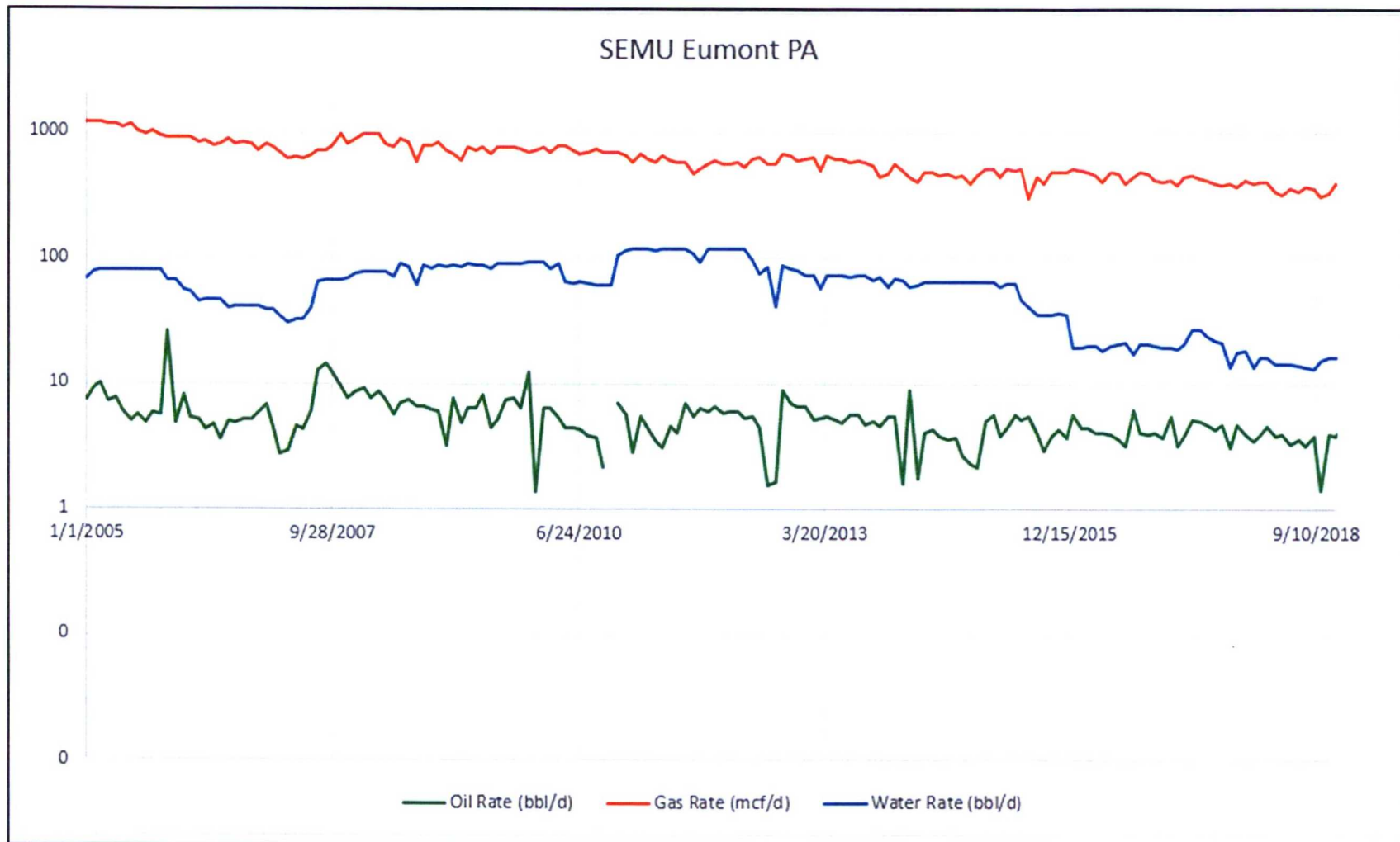
Cc: Chevron North America Exploration and Production
Attn: Kristen Hunter
6301 Deauville Blvd.
Midland, TX 79706

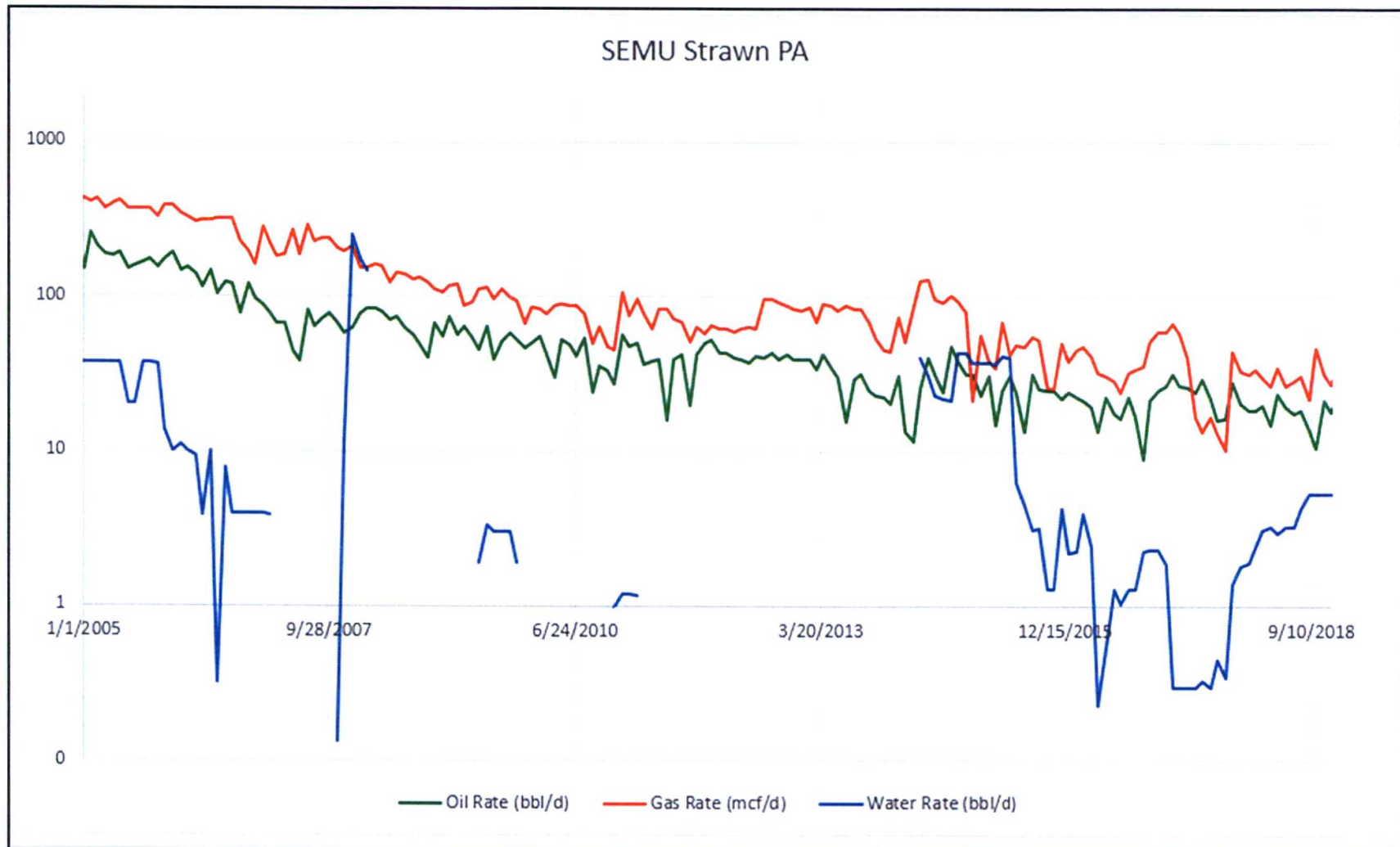
XTO Energy
Attention: Ken Hilger
22777 Springwoods Village Pkwy
Spring, TX 77389

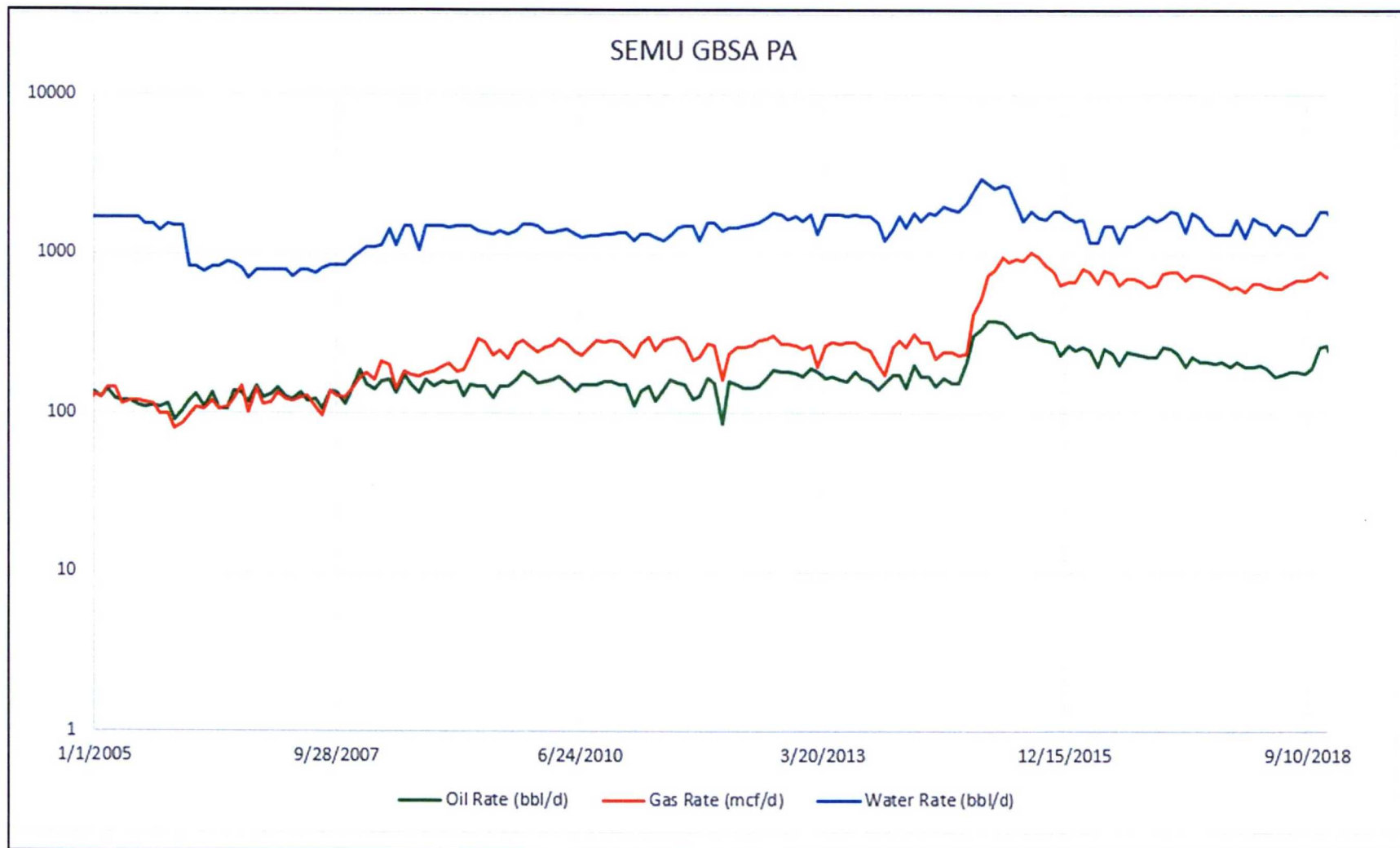
Apache Corporation
Attn: Laci Stretcher
303 Veterans Airpark Land, Suite 1000
Midland, TX 79705

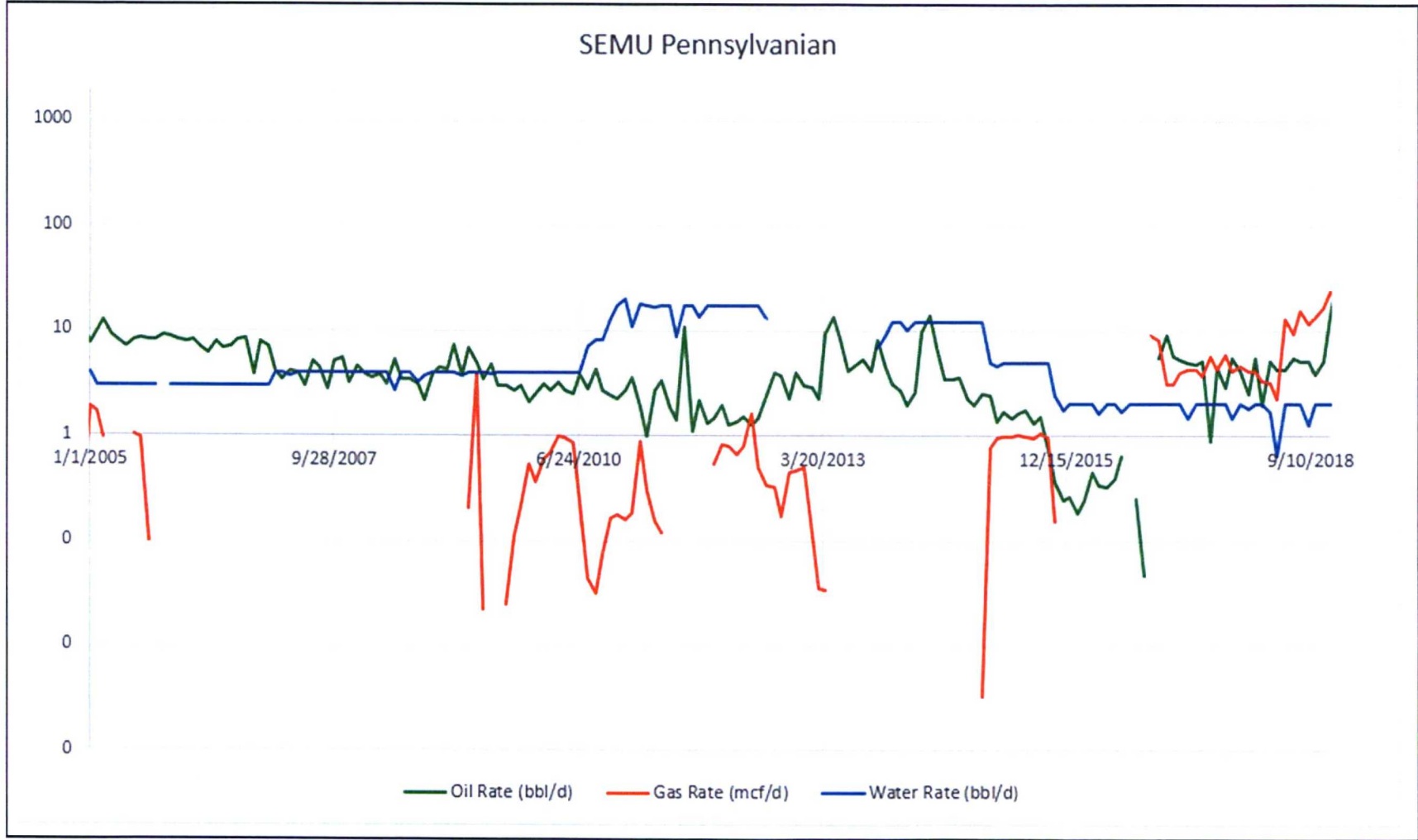






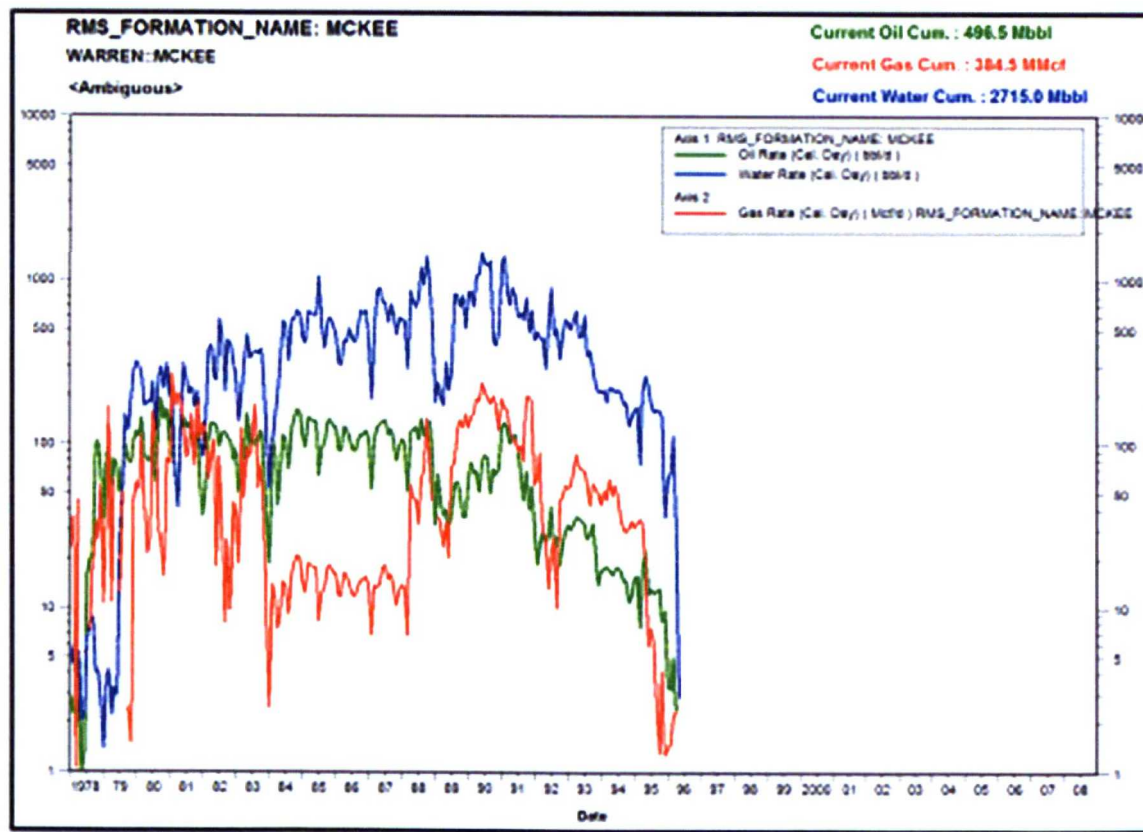
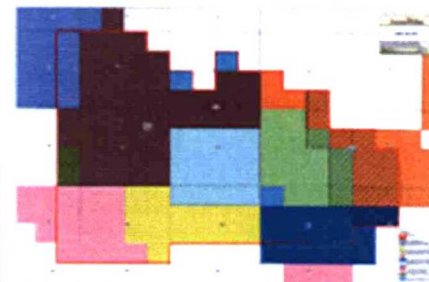




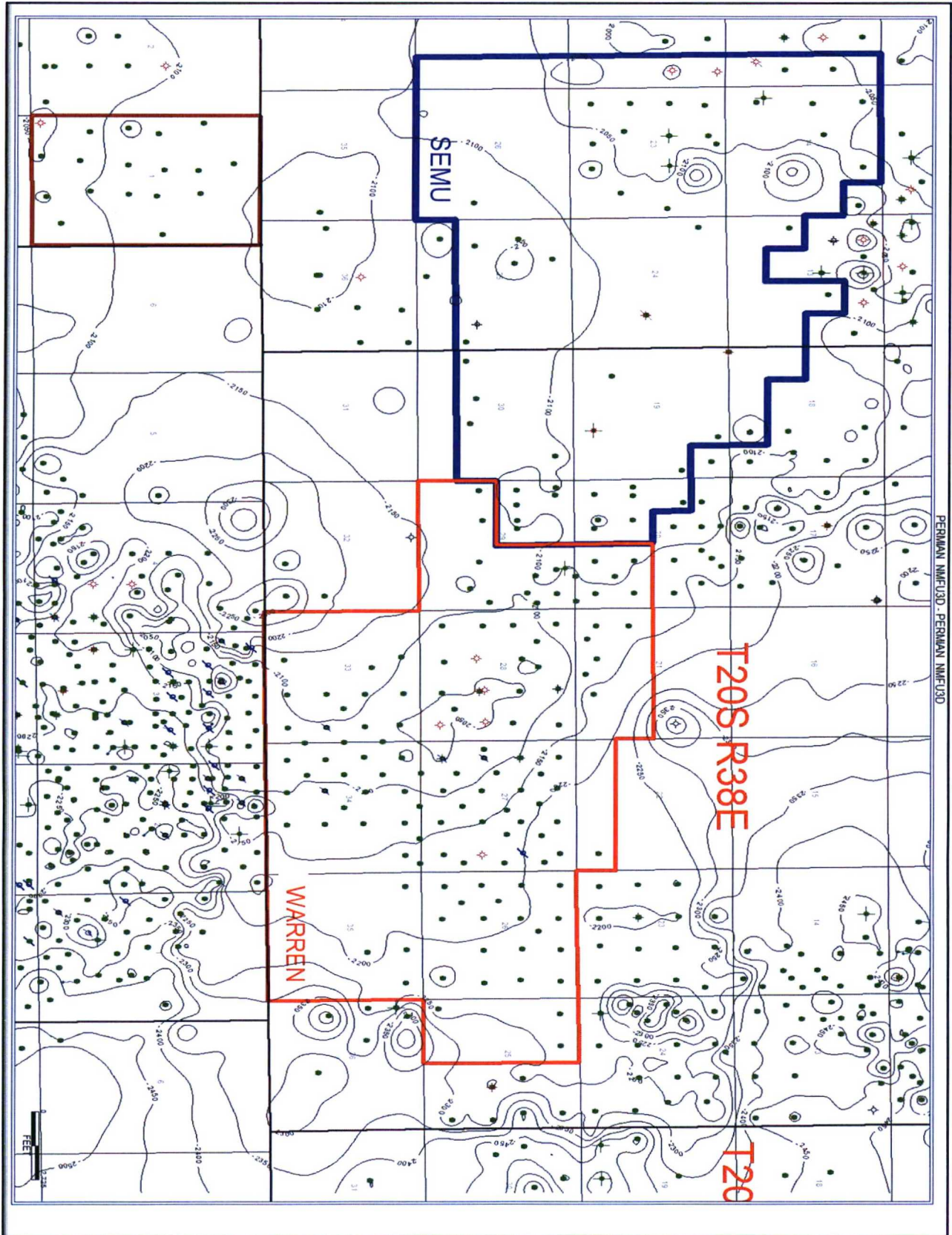


SEMU Simpson-McKee PA

Note: no any active production wells in this PA



Top Blinebry Structure Map



Top Grayburg Structure Map

