



Sean McLaughlin
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February 28, 2019

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

Case File No.
3304

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

RE: Warren Unit
I-SEC. No. 601, Serial No. NMNM-071052X
2019 Plan of Development
Lea County, New Mexico
ConocoPhillips Contract 100460

Dear Sir or Madam:

Conoco Phillips Company, as Unit Operator of the Warren 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
WARREN UNIT #419	300253355900	T20S-R38E Sec 20 Unit O	Blinebry/Tubb	Grayburg
WARREN UNIT #43	300252536000	T20S-R38E Sec 21 Unit N	Blinebry/Tubb	Grayburg

Conversion to Injection:

None

Abandonment:

None

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
Warren Unit #36	30-025-25152	T20S-R38E Sec 27 Unit D	Blinebry	Tubb/Drinkard

Conversion to Injection:

None

Abandonment:

Well Name (Tentative)	API # or Formation	Location	Operation
Warren Unit McKee #128H	McKee	T-20S-R38E, Sec 29	P&A

Other surface disturbing operations:

None

Carry-overs

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

Drilling/Permitting:

None

Re-Completions and Plug Backs:

Well Name	API #	Locations	Original Zone	New Zone
Warren Unit #3	30-025-07852	T20S-R38E Sec 29 Unit J	Blinebry	Tubb/Drinkard
Warren Unit #36	30-025-25152	T20S-R38E Sec 27 Unit D	Blinebry	Tubb/Drinkard
Warren Unit #68	30-025-26210	T20S-R38E Sec 27 Unit A	Blinebry/Tubb	Eumont
Warren Unit #128	30-025-34158	T20S-R38E Sec 29 Unit B	Drinkard	Blinebry/Tubb

Conversion to Injection:

Well Name	API #	Locations	Original Zone	New Zone
Warren Unit #114	30-025-32491	T20S-R38E, Sec 28 Unit C	Blinebry	Blinebry - Injector
Warren Unit #112	30-025-32489	T20S-R38E, Sec 28 Unit G	Blinebry	Blinebry – Injector
Warren Unit #96	30-025-30995	T20S-R38E, Sec 28 Unit I	Blinebry	Blinebry – Injector
Warren Unit #35	30-025-25124	T20S-R38E, Sec 28 Unit K	Blinebry	Blinebry – Injector
Warren Unit #113	30-025-3249	T20S-R38E, Sec 28 Unit O	Blinebry	Blinebry – Injector
Warren Unit #99	30-025-31175	T20S-R38E, Sec 23 Unit A	Blinebry	Blinebry - Injector

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
WARREN UNIT	1	3002507884	20S	38E	35	P	N	453SADR	P&A
WARREN UNIT	2	3002507851	20S	38E	29	H	N	202MCKE	P&A
WARREN UNIT B-T WF	3	300250785200	20S	38E	29	J	Y	452BLBR	PUMPING
WARREN UNIT	4	300250785000	20S	38E	29	L	Y	309DVNN	P&A
WARREN UNIT MCKEE	6	300250785300	20S	38E	29	N	Y	202MCKE	P&A
WARREN UNIT BURGER	7	300250784700	20S	38E	29	B	Y	309DVNN	P&A
WARREN UNIT B-T WF	8	300250784400	20S	38E	28	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	8	300250784400	20S	38E	28	J	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	8	300250784400	20S	38E	28	J	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	9	300250784100	20S	38E	27	E	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	10	300250784300	20S	38E	28	B	Y	452BLBR	P&A
WARREN UNIT B-T WF	11	300250788500	20S	38E	35	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	11	300250788500	20S	38E	35	A	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	11	300250788500	20S	38E	35	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	12	300250788000	20S	38E	34	N	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	13	300250788100	20S	38E	34	O	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	14	300250788900	20S	38E	34	M	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	15	300250787500	20S	38E	33	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	16	300250787600	20S	38E	33	O	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	17	300250787700	20S	38E	33	I	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	18	300250788300	20S	38E	34	L	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	19	300250787800	20S	38E	33	H	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	20	300250788200	20S	38E	34	E	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	21	300250787900	20S	38E	33	B	Y	452BLBR	PUMPING
WARREN UNIT	22	300250785400	20S	38E	29	K	Y	202MCKE	P&A

WARREN UNIT	23	300250785500	20S	38E	29	G	Y	202MCKE	ACTIVE SERV
WARREN UNIT	24	300250785600	20S	38E	29	O	Y	202MCKE	P&A
WARREN UNIT	25	300250785800	20S	38E	29	O	Y	202MCKE	P&A
WARREN UNIT B-T WF	26	300250784200	20S	38E	27	M	Y	452BLBR	ACTIVE SERV
WARREN UNIT	27	300250783000	20S	38E	20	O	Y	202MCKE	PUMPING
WARREN UNIT	28	300250783100	20S	38E	20	J	Y	202MCKE	ACTIVE SERV
WARREN UNIT B-T WF	30	300252473200	20S	38E	27	K	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	31	300252478100	20S	38E	27	O	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	32	300252504300	20S	38E	27	P	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	32	300252504300	20S	38E	27	P	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	33	300252504400	20S	38E	27	F	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	34	300252505800	20S	38E	34	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	34	300252505800	20S	38E	34	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	35	300252512400	20S	38E	28	K	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	35	300252512400	20S	38E	28	K	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	35	300252512400	20S	38E	28	K	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	36	300252515200	20S	38E	27	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	36	300252515200	20S	38E	27	D	Y	452TUBB	TA
WARREN UNIT B-T WF	37	300252515300	20S	38E	27	J	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	38	300252518900	20S	38E	34	F	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	39	300252520300	20S	38E	34	B	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	40	300252520400	20S	38E	27	G	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	41	300252524500	20S	38E	27	N	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	42	300252536200	20S	38E	27	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	42	300252536200	20S	38E	27	I	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	43	300252536000	20S	38E	21	N	Y	452BLBR	PUMPING

WARREN UNIT B-T WF	43	300252536000	20S	38E	21	N	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	44	300252545900	20S	38E	26	M	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	44	300252545900	20S	38E	26	M	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	45	300252548800	20S	38E	26	N	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	45	300252548800	20S	38E	26	N	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	46	300252556200	20S	38E	26	K	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	46	300252556200	20S	38E	26	K	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	47	300252582800	20S	38E	29	H	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	47	300252582800	20S	38E	29	H	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	48	300252585100	20S	38E	26	F	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	48	300252585100	20S	38E	26	F	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	49	300252585200	20S	38E	26	J	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	49	300252585200	20S	38E	26	J	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	50	300252585000	20S	38E	29	B	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	50	300252585000	20S	38E	29	B	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	51	300252585400	20S	38E	29	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	51	300252585400	20S	38E	29	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	52	300252603300	20S	38E	29	I	Y	452BLBR	P&A
WARREN UNIT B-T WF	53	300252591600	20S	38E	26	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	53	300252591600	20S	38E	26	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	54	300252612500	20S	38E	26	E	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	54	300252612500	20S	38E	26	E	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	55	300252585300	20S	38E	26	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	55	300252585300	20S	38E	26	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	56	300252591700	20S	38E	26	B	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	56	300252591700	20S	38E	26	B	Y	452TUBB	ACTIVE SERV

WARREN UNIT B-T WF	57	300252620300	20S	38E	26	D	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	57	300252620300	20S	38E	26	D	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	58	300252624600	20S	38E	26	I	Y	452BLBR	P&A
WARREN UNIT B-T WF	59	300252556700	20S	38E	26	L	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	59	300252556700	20S	38E	26	L	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	61	300252684000	20S	38E	21	M	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	61	300252684000	20S	38E	21	M	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	62	300252620400	20S	38E	20	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	62	300252620400	20S	38E	20	P	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	63	300252620500	20S	38E	20	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	63	300252620500	20S	38E	20	O	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	64	300252620600	20S	38E	26	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	64	300252620600	20S	38E	26	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	68	300252621000	20S	38E	27	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	70	300252684100	20S	38E	22	P	Y	452BLBR	P&A
WARREN UNIT B-T WF	75	300252631200	20S	38E	34	K	Y	452BLBR	P&A
WARREN UNIT B-T WF	76	300252631300	20S	38E	33	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	77	300252637400	20S	38E	20	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	77	300252637400	20S	38E	20	J	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	78	300252651100	20S	38E	20	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	78	300252651100	20S	38E	20	I	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	79	300252663200	20S	38E	35	D	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	79	300252663200	20S	38E	35	D	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	80	300252664200	20S	38E	33	G	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	81	300252684200	20S	38E	21	L	Y	452BLBR	P&A
WARREN UNIT B-T WF	81	300252684200	20S	38E	21	L	Y	452TUBB	P&A

WARREN UNIT B-T WF	82	300252684300	20S	38E	35	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	82	300252684300	20S	38E	35	G	Y	452TUBB	PUMPING
WARREN UNIT	83	30-025-26762	20S	38E	29	K	N	453SADR	PUMPING
WARREN UNIT	84	30-025-27105	20S	38E	33	C	N	453SADR	P&A
WARREN UNIT	85	30-025-27091	20S	38E	29	L	N	453SVRV	P&A
WARREN UNIT B-T WF	86	300252709200	20S	38E	29	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	86	300252709200	20S	38E	29	I	Y	452TUBB	PUMPING
WARREN UNIT MCKEE	88	300252724600	20S	38E	29	M	Y	202MCKE	P&A
WARREN UNIT B-T WF	90	300252754400	20S	38E	35	B	Y	452BLBR	P&A
WARREN UNIT B-T WF	91	300252756600	20S	38E	33	F	N	453SADR	PUMPING
WARREN UNIT B-T WF	93	300252758400	20S	38E	33	N	N	453SADR	PUMPING
WARREN UNIT B-T WF	93	300252758400	20S	38E	33	N	N	453GRBG	PUMPING
WARREN UNIT B-T WF	94	300253047300	20S	38E	28	F	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	94	300253047300	20S	38E	28	F	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	94	300253047300	20S	38E	28	F	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	95	300253065900	20S	38E	28	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	95	300253065900	20S	38E	28	P	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	95	300253065900	20S	38E	28	P	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	96	300253099500	20S	38E	28	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	96	300253099500	20S	38E	28	I	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	96	300253099500	20S	38E	28	I	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	97	300253117900	20S	38E	34	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	97	300253117900	20S	38E	34	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	97	300253117900	20S	38E	34	D	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	98	300253118000	20S	38E	28	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	98	300253118000	20S	38E	28	A	Y	452TUBB	PUMPING

WARREN UNIT B-T WF	99	300253117500	20S	38E	33	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	99	300253117500	20S	38E	33	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	99	300253117500	20S	38E	33	A	Y	452DRKD	PUMPING
WARREN UNIT	100	300253301600	20S	38E	28	P	N	453GLRT	PUMPING
WARREN UNIT	100	300253301600	20S	38E	28	P	Y	453SADR	PUMPING
WARREN UNIT B-T WF	101	300253377000	20S	38E	34	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	101	300253377000	20S	38E	34	J	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	102	300253377100	20S	38E	34	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	102	300253377100	20S	38E	34	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	104	300253403300	20S	38E	27	B	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	104	300253403300	20S	38E	27	B	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	105	300253121700	20S	38E	27	H	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	105	300253121700	20S	38E	27	H	Y	452TUBB	ACTIVE SERV
WARREN UNIT B-T WF	106	300253193600	20S	38E	34	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	106	300253193600	20S	38E	34	A	Y	452TUBB	PUMPING
WARREN UNIT	108	300253266600	20S	38E	28	J	Y	453SADR	PUMPING
WARREN UNIT B-T WF	110	300253196500	20S	38E	27	L	Y	452BLBR	ACTIVE SERV
WARREN UNIT B-T WF	111	300253224200	20S	38E	28	H	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	111	300253224200	20S	38E	28	H	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	111	300253224200	20S	38E	28	H	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	112	300253248900	20S	38E	28	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	112	300253248900	20S	38E	28	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	112	300253248900	20S	38E	28	G	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	113	300253249000	20S	38E	28	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	113	300253249000	20S	38E	28	O	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	113	300253249000	20S	38E	28	O	Y	452DRKD	PUMPING

WARREN UNIT B-T WF	114	300253249100	20S	38E	28	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	114	300253249100	20S	38E	28	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	114	300253249100	20S	38E	28	C	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	115	300253249200	20S	38E	28	E	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	115	300253249200	20S	38E	28	E	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	115	300253249200	20S	38E	28	E	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	116	300253252000	20S	38E	28	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	116	300253252000	20S	38E	28	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	117	300253252100	20S	38E	28	L	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	117	300253252100	20S	38E	28	L	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	118	300253285300	20S	38E	28	M	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	118	300253285300	20S	38E	28	M	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	119	300253285400	20S	38E	28	N	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	119	300253285400	20S	38E	28	N	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	119	300253285400	20S	38E	28	N	Y	452DRKD	PUMPING
WARREN UNIT	122	300253309700	20S	38E	27	L	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	123	300253309900	20S	38E	27	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	123	300253309900	20S	38E	27	C	Y	452TUBB	PUMPING
WARREN UNIT	125	300253309800	20S	38E	28	G	Y	453SADR	PUMPING
WARREN UNIT	127	300253319400	20S	38E	28	P	Y	453SVRV	PUMPING
WARREN UNIT MCKEE	128	300253415800	20S	38E	29	B	Y	452DRKD	P&A
WARREN UNIT	129	300253347200	20S	38E	28	O	Y	453SADR	PUMPING
WARREN UNIT	130	300253348400	20S	38E	34	D	Y	453SADR	PUMPING
WARREN UNIT	131	300253347300	20S	38E	28	I	Y	453SADR	PUMPING
WARREN UNIT	132	300253348500	20S	38E	28	K	Y	453SVRV	PUMPING
WARREN UNIT	133	300253348600	20S	38E	28	F	Y	453GRBG	PUMPING

WARREN UNIT	133	300253348600	20S	38E	28	F	Y	453SADR	PUMPING
WARREN UNIT	134	300253348700	20S	38E	28	H	Y	453SADR	PUMPING
WARREN UNIT	137	300253385600	20S	38E	27	M	Y	453SADR	PUMPING
WARREN UNIT	138	300253385700	20S	38E	27	L	Y	453SADR	PUMPING
WARREN UNIT	140	300253391500	20S	38E	28	E	Y	453GRBG	PUMPING
WARREN UNIT	140	300253391500	20S	38E	28	E	Y	453SADR	PUMPING
WARREN UNIT B-T WF	144	300253397400	20S	38E	25	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	144	300253397400	20S	38E	25	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	145	300253397500	20S	38E	25	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	145	300253397500	20S	38E	25	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	146	300253436200	20S	38E	26	P	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	146	300253436200	20S	38E	26	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	146	300253436200	20S	38E	26	P	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	147	300253558700	20S	38E	26	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	147	300253558700	20S	38E	26	O	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	148	300253577200	20S	38E	25	M	N	452BLBR	PUMPING
WARREN UNIT B-T WF	148	300253577200	20S	38E	25	M	N	452TUBB	PUMPING
WARREN UNIT B-T WF	202	300253362400	20S	38E	33	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	202	300253362400	20S	38E	33	I	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	203	300253299500	20S	38E	34	L	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	203	300253299500	20S	38E	34	L	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	204	300253364000	20S	38E	34	K	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	204	300253364000	20S	38E	34	K	Y	452TUBB	P&A
WARREN UNIT B-T WF	206	300253394100	20S	38E	34	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	207	300253361900	20S	38E	34	F	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	207	300253361900	20S	38E	34	F	Y	452TUBB	PUMPING

WARREN UNIT B-T WF	208	300253299600	20S	38E	34	E	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	208	300253299600	20S	38E	34	E	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	209	300253362500	20S	38E	33	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	209	300253362500	20S	38E	33	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	212	300253391600	20S	38E	33	B	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	212	300253391600	20S	38E	33	B	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	213	300253391700	20S	38E	34	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	213	300253391700	20S	38E	34	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	214	300253391800	20S	38E	34	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	214	300253391800	20S	38E	34	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	215	300253394200	20S	38E	34	B	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	215	300253394200	20S	38E	34	B	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	306	300253483800	20S	38E	26	K	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	306	300253483800	20S	38E	26	K	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	308	300253343300	20S	38E	27	N	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	308	300253343300	20S	38E	27	N	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	308	300253343300	20S	38E	27	N	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	310	300253483900	20S	38E	27	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	310	300253483900	20S	38E	27	I	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	315	300253484000	20S	38E	26	L	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	315	300253484000	20S	38E	26	L	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	317	300253355200	20S	38E	26	F	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	317	300253355200	20S	38E	26	F	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	318	300253794900	20S	38E	28	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	318	300253794900	20S	38E	28	P	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	318	300253794900	20S	38E	28	P	Y	452DRKD	PUMPING

WARREN UNIT B-T WF	319	300253795000	20S	38E	27	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	319	300253795000	20S	38E	27	J	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	319	300253795000	20S	38E	27	J	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	322	3002538949	20S	38E	28	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	322	3002538949	20S	38E	28	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	322	3002538949	20S	38E	28	D	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	323	3002538512	20S	38E	21	O	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	323	3002538512	20S	38E	21	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	323	3002538512	20S	38E	21	O	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	324	3002539190	20S	38E	26	H	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	324	3002539190	20S	38E	26	H	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	324	3002539190	20S	38E	26	H	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	335	3002539513	20S	38E	34	D	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	335	3002539513	20S	38E	34	D	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	335	3002539513	20S	38E	34	D	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	336	3002539514	20S	38E	34	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	336	3002539514	20S	38E	34	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	336	3002539514	20S	38E	34	C	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	337	3002539724	20S	38E	34	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	337	3002539724	20S	38E	34	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	337	3002539724	20S	38E	34	A	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	338	3002539725	20S	38E	34	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	338	3002539725	20S	38E	34	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	338	3002539725	20S	38E	34	A	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	344	3002540282	20S	38E	27	I	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	344	3002540282	20S	38E	27	I	Y	452TUBB	PUMPING

WARREN UNIT B-T WF	344	3002540282	20S	38E	27	I	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	345	3002539726	20S	38E	27	K	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	345	3002539726	20S	38E	27	K	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	345	3002539726	20S	38E	27	K	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	346	3002539727	20S	38E	27	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	346	3002539727	20S	38E	27	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	346	3002539727	20S	38E	27	G	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	347	3002539749	20S	38E	27	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	347	3002539749	20S	38E	27	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	347	3002539749	20S	38E	27	G	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	348	3002540294	20S	38E	27	H	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	348	3002540294	20S	38E	27	H	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	348	3002540294	20S	38E	27	H	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	353	3002540283	20S	38E	27	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	353	3002540283	20S	38E	27	A	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	354	3002539728	20S	38E	27	B	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	354	3002539728	20S	38E	27	B	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	354	3002539728	20S	38E	27	B	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	355	3002539729	20S	38E	27	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	355	3002539729	20S	38E	27	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	355	3002539729	20S	38E	27	G	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	356	3002539730	20S	38E	27	F	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	356	3002539730	20S	38E	27	F	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	356	3002539730	20S	38E	27	F	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	393	3002540285	20S	38E	29	A	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	393	3002540285	20S	38E	29	A	Y	452TUBB	PUMPING

WARREN UNIT B-T WF	394	3002540284	20S	38E	28	C	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	394	3002540284	20S	38E	28	C	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	395	3002540286	20S	38E	21	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	395	3002540286	20S	38E	21	O	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	396	3002540287	20S	38E	21	N	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	396	3002540287	20S	38E	21	N	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	396	3002540287	20S	38E	21	N	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	397	3002540288	20S	38E	20	P	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	397	3002540288	20S	38E	20	P	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	397	3002540288	20S	38E	20	P	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	398	3002540295	20S	38E	29	G	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	398	3002540295	20S	38E	29	G	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	398	3002540295	20S	38E	29	G	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	399	3002540289	20S	38E	20	J	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	399	3002540289	20S	38E	20	J	Y	452TUBB	PUMPING
WARREN UNIT B-T WF	399	3002540289	20S	38E	20	J	Y	452DRKD	PUMPING
WARREN UNIT B-T WF	419	300253355900	20S	38E	20	O	Y	452BLBR	PUMPING
WARREN UNIT B-T WF	419	300253355900	20S	38E	20	O	Y	452TUBB	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

Warren Unit is comprised of four 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
Warren	Eumont 1 st PA Expansion	01/17/2003	NMNM-071052G	AFS-891000601G
Warren	Grayburg-San Andres 1 st PA Expansion	05/29/1996	NMNM-071052F	AFS-891000601F
Warren	Simpson-McKee 4 th PA Expansion	08/13/1998	NMNM-071052C	AFS-892000601B
Warren	Blinbry-Tubb_Drinkard Waterflood PA	12/01/2011	NMNM-071052H	AFS-891000601H

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 Warren obligations have been satisfied.

In accordance with Article 5 of the Warren 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 Warren Unit, I SEC- No. 601, Lea County, New Mexico.

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

Current Oil Cum (mbbl)	5,891
Current Gas Cum (MMcf)	35,291
Current Water Cum (Mbbl)	13,461

Warren Unit BTB Waterflood PA



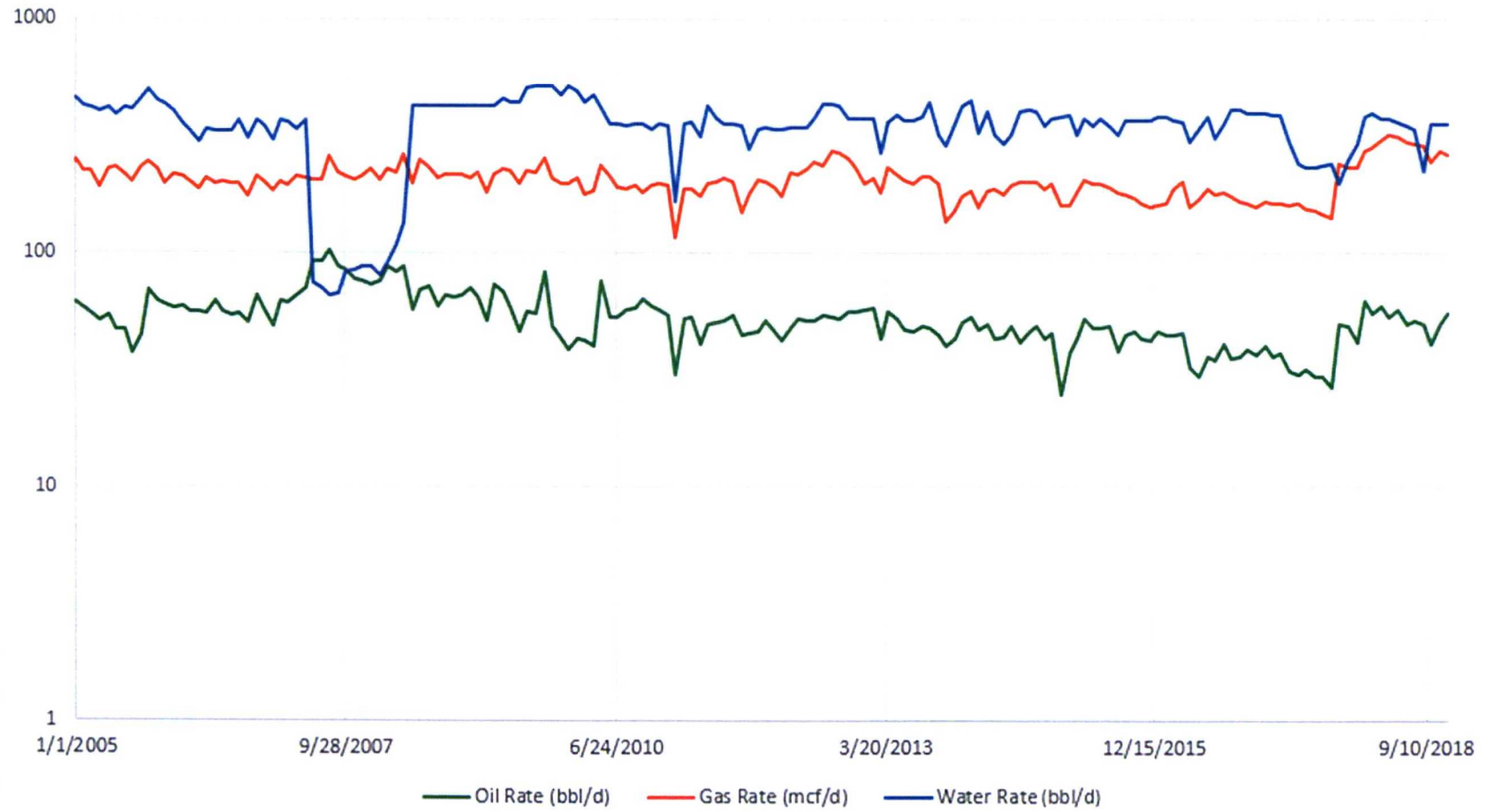
Current Oil Cum (mbbl)	0
Current Gas Cum (MMcf)	997
Current Water Cum (Mbbbl)	-

Warren Eumont PA



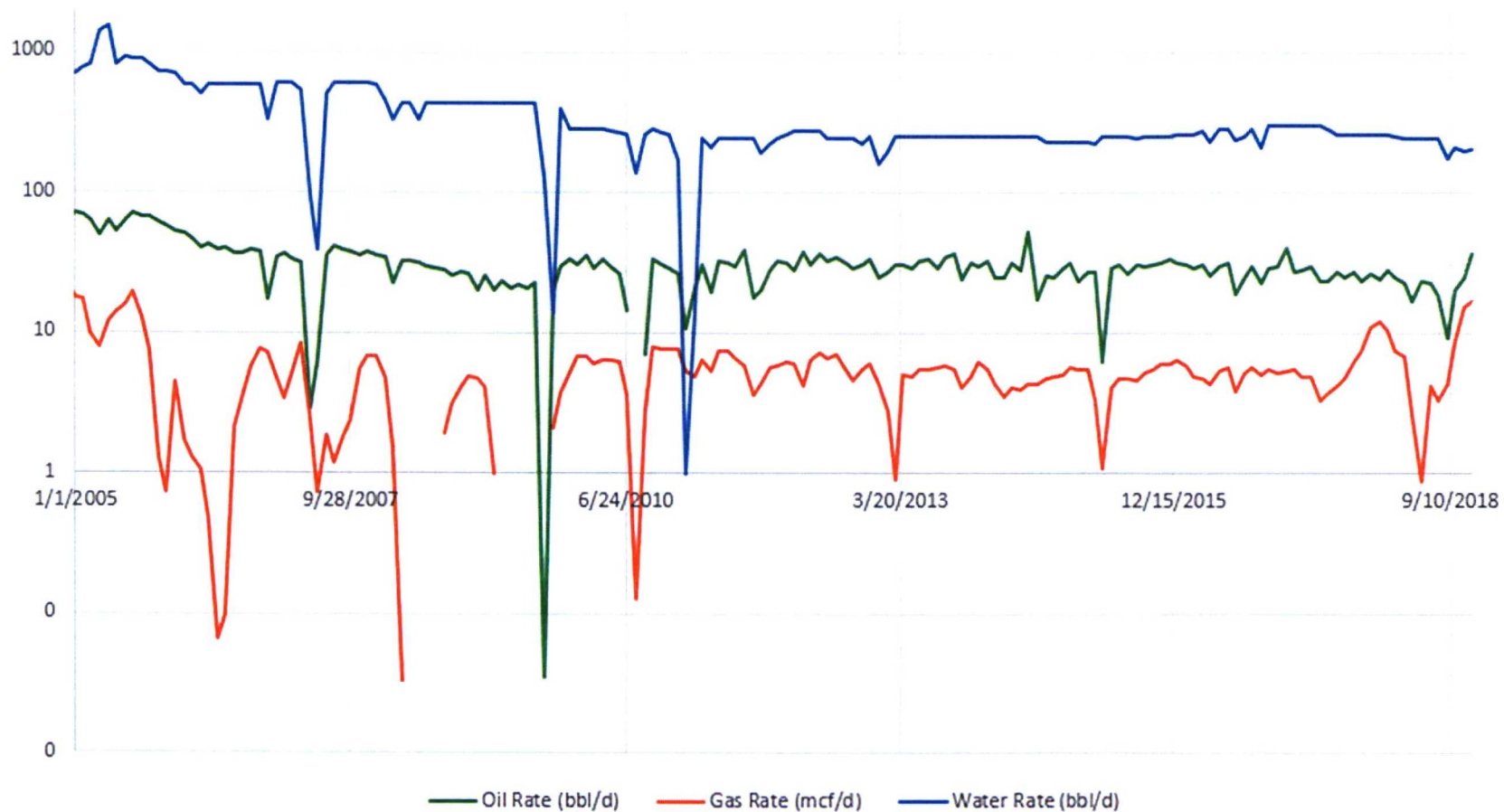
Current Oil Cum (mbbl)	868
Current Gas Cum (MMcf)	2,886
Current Water Cum (Mbbl)	3,913

Warren GBSA

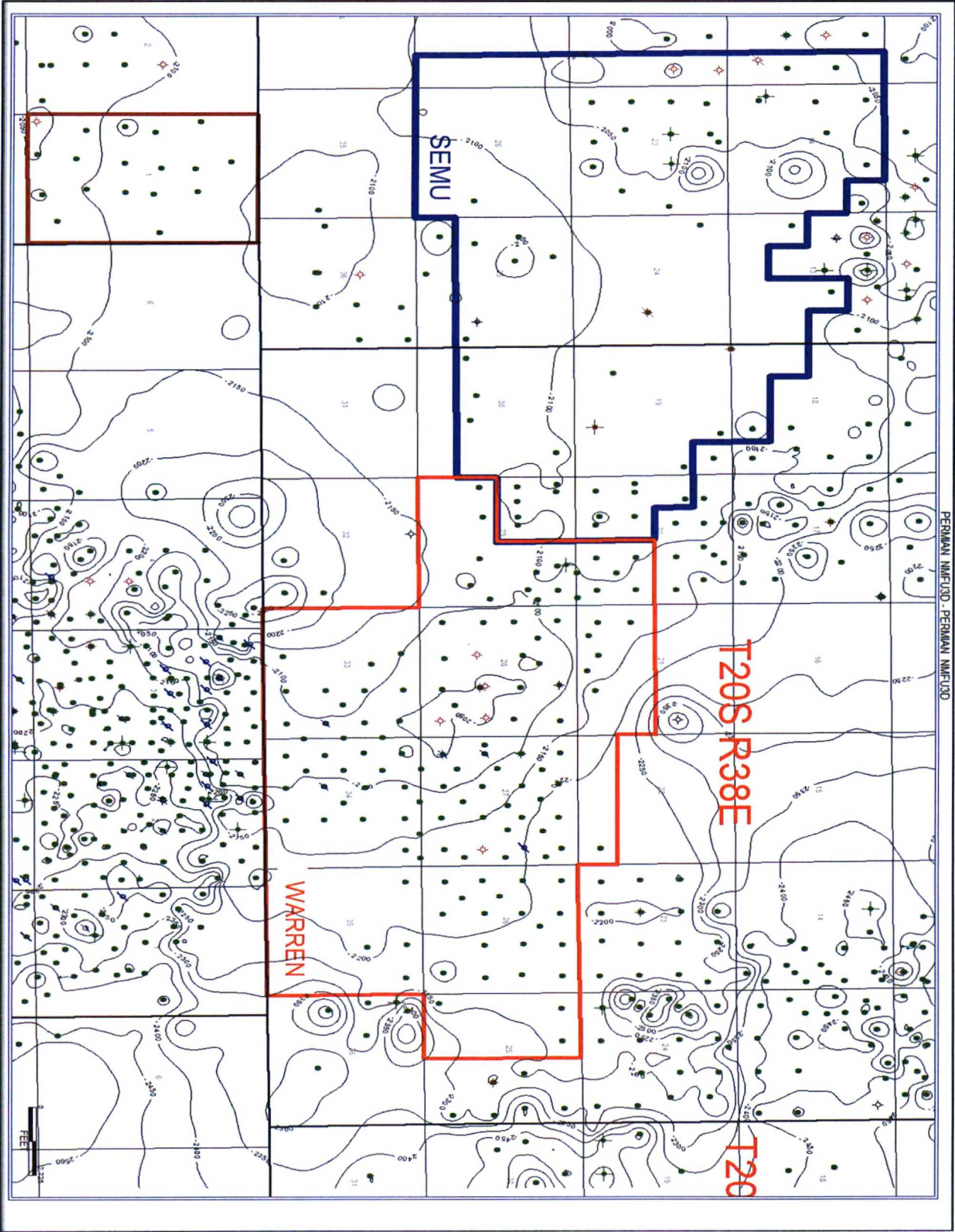


Current Oil Cum (mbbl)	1,321
Current Gas Cum (MMcf)	367
Current Water Cum (Mbbl)	8,253

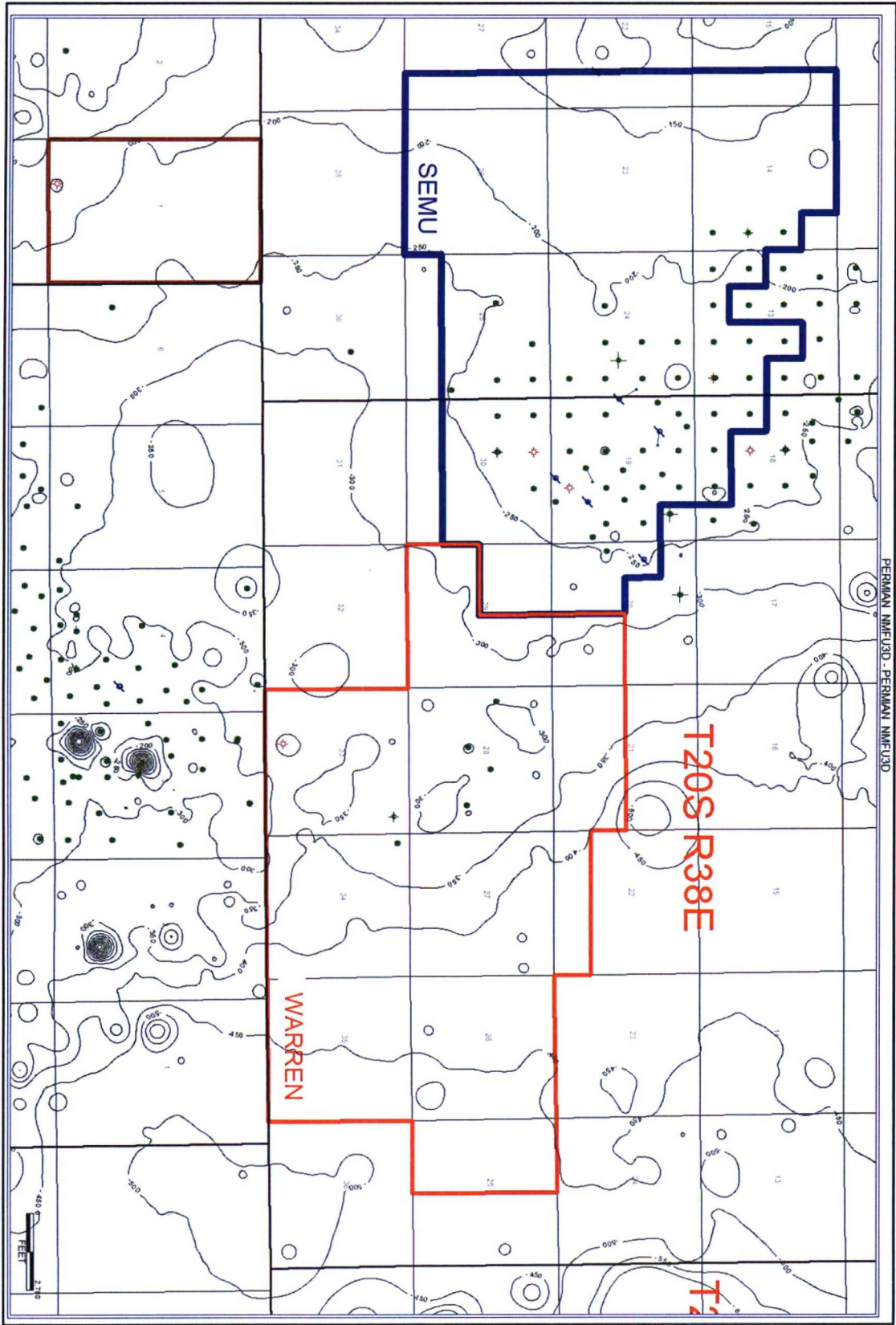
Warren Simpson Mckee



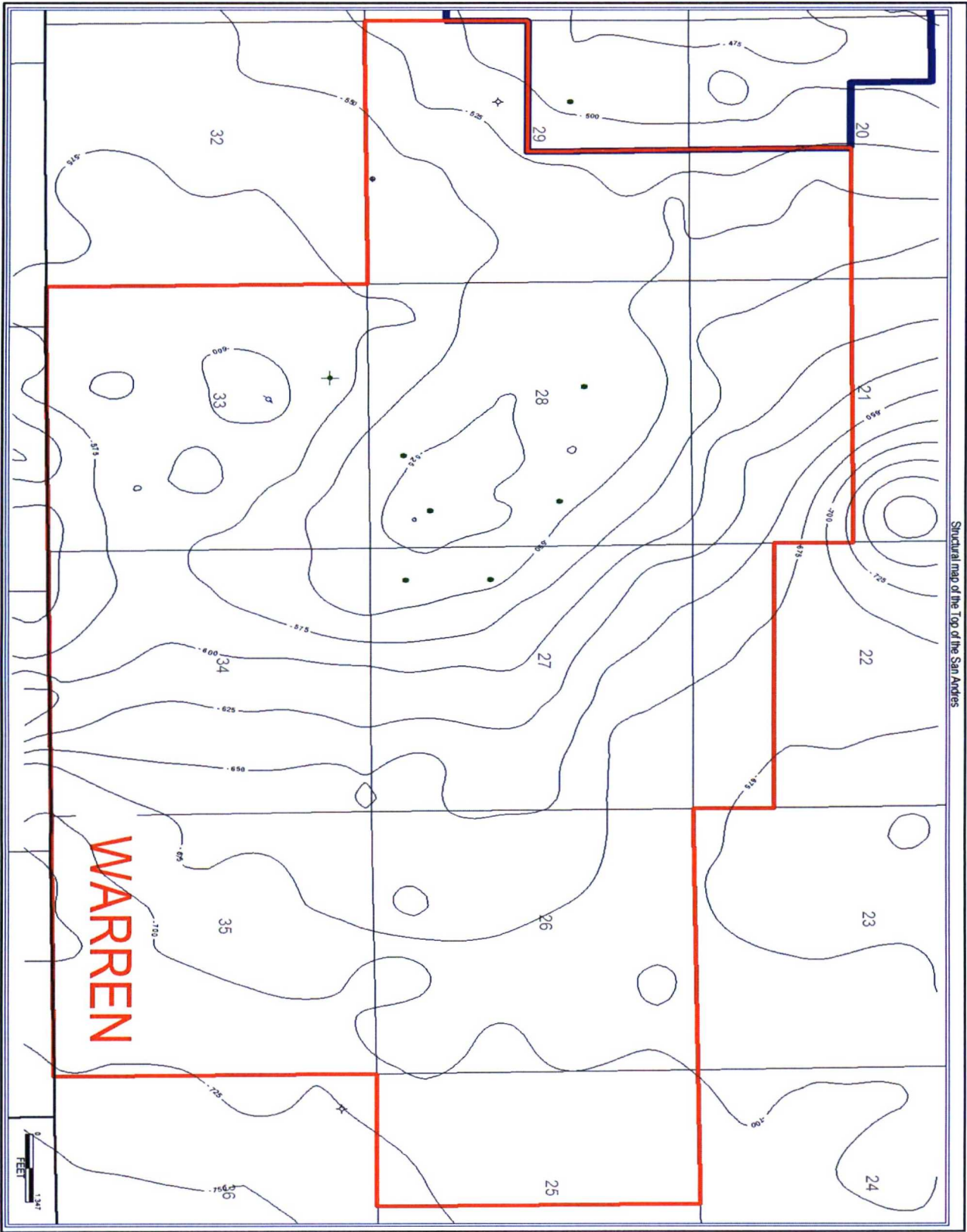
Top Blinebry Structure Map



Top Grayburg Structure Map



Top San Andres Structure Map



Regional Grayburg SoPhiH Map

