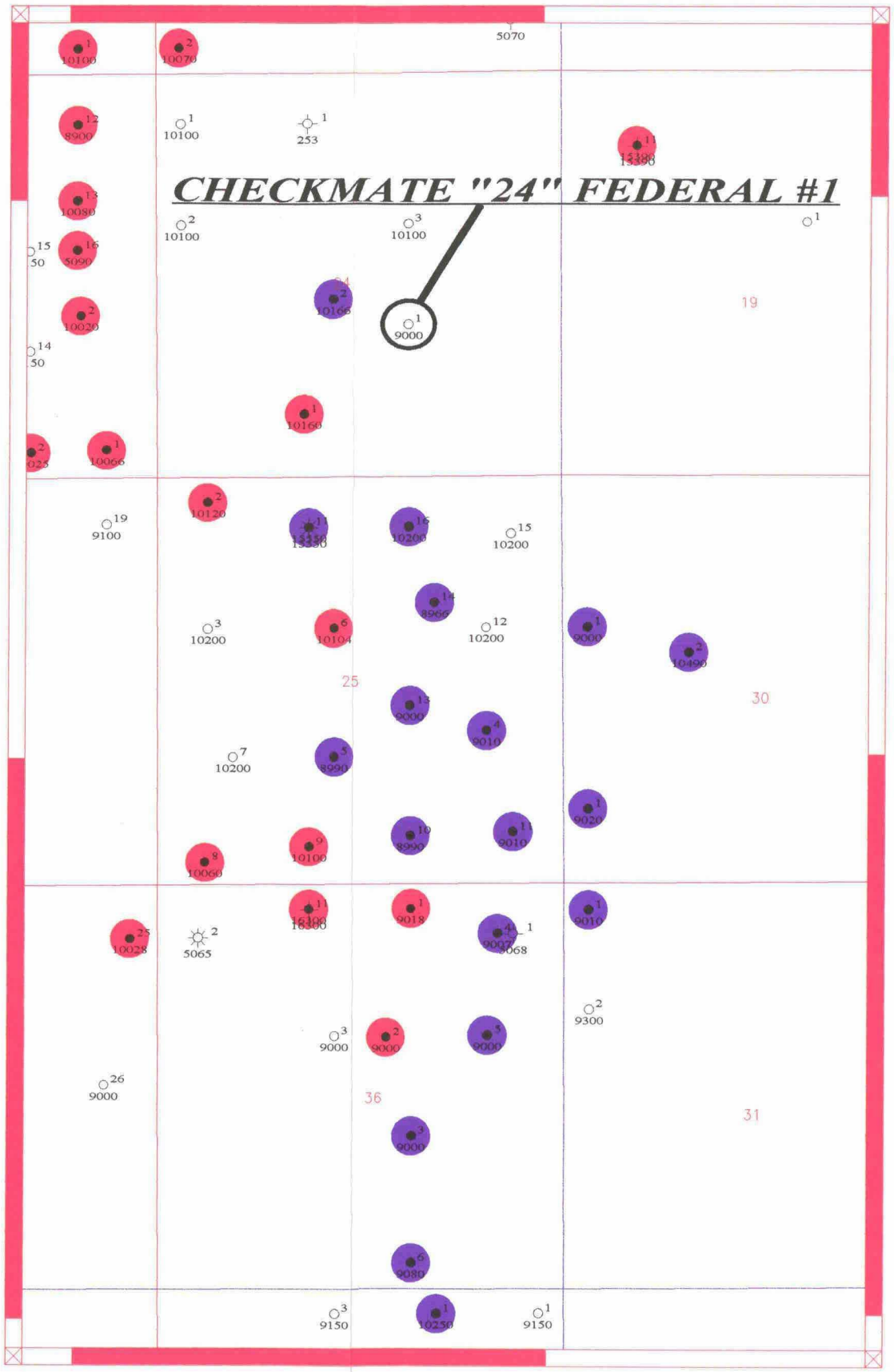
LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

LARGE FORMAT EXHIBIT HAS BEEN REMOVED AND IS LOCATED IN THE NEXT FILE

LARGE FORMAT
EXHIBIT HAS
BEEN REMOVED
AND IS LOCATED
IN THE NEXT FILE



DELAWARE SAND PRODUCTION

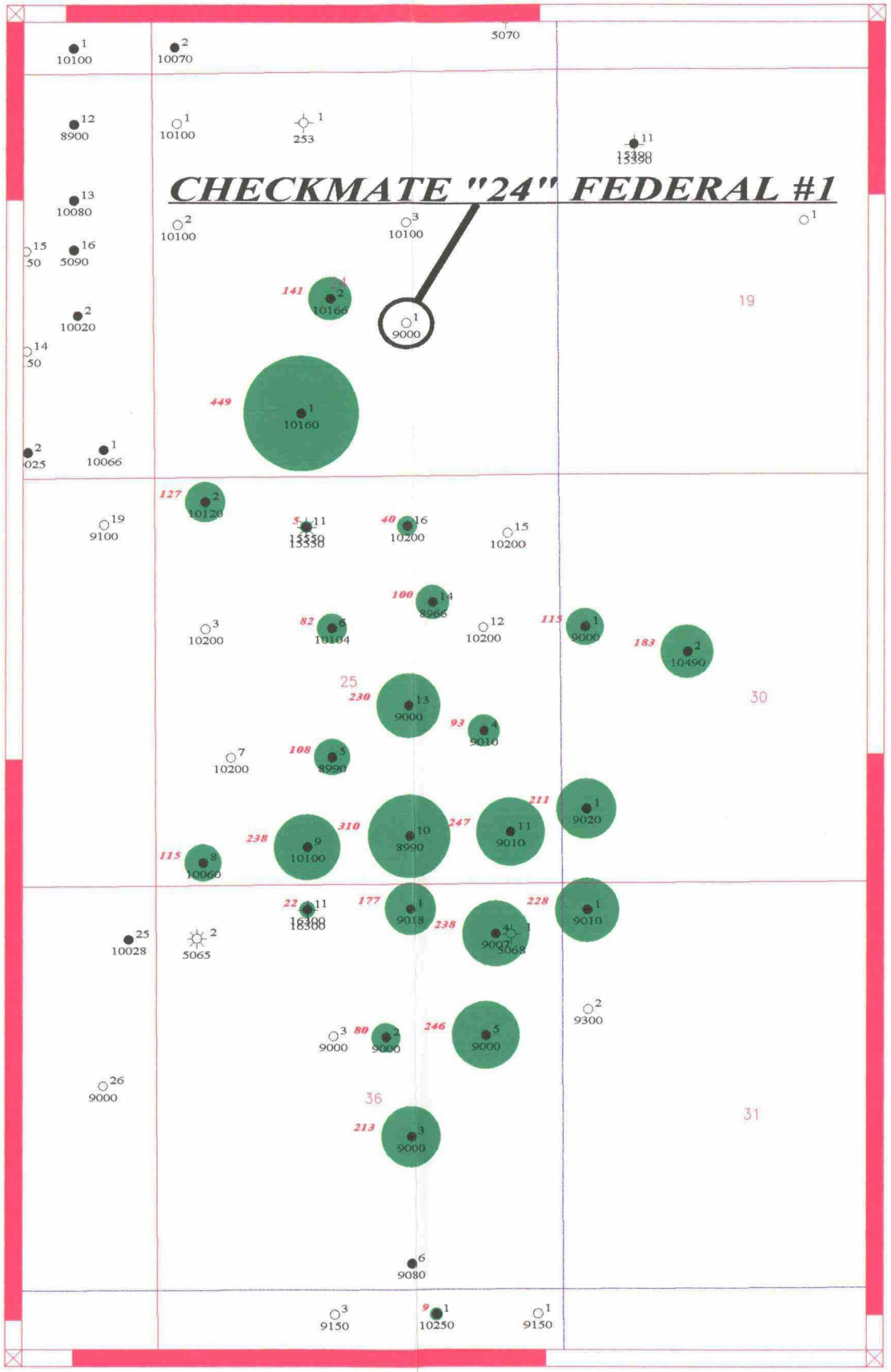
UPPER BONE SPRING SAND PRODUCTION

BURLINGTON RESOURCES		
RED TANK AREA, LEA CO., NM CURRENT PRODUCTION MAP		
Rick King		9/24/96
	Scale 1:24000.	

LEGEND

- OIL WELL
- GAS WELL
- DRY HOLE
- INACTIVE OIL WELL
- INACTIVE GAS WELL
- INJECTION WELL
- LOCATION

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 13
Submitted By:
Burlington Resources
Hearing Date: October 3, 1996

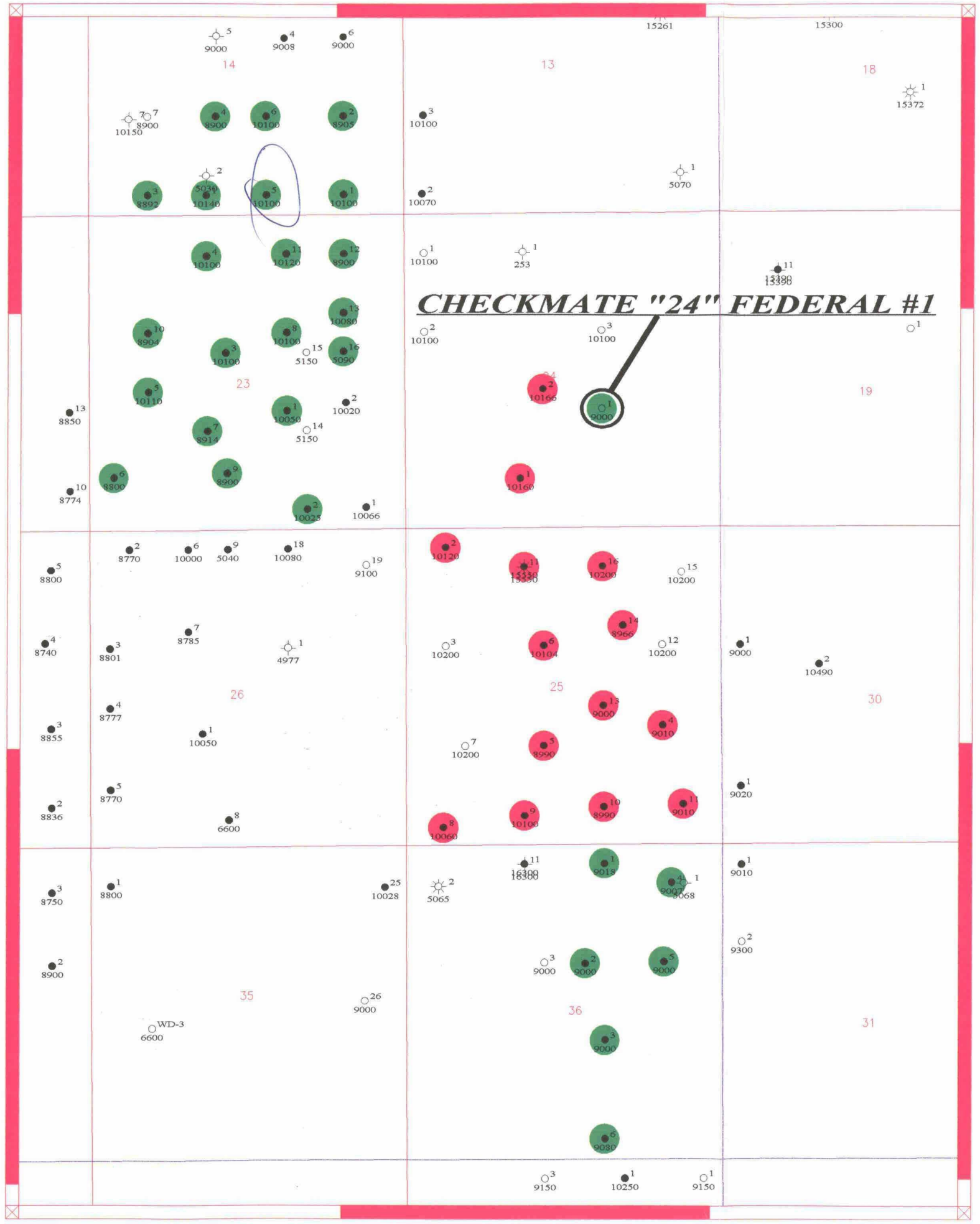


BURLINGTON RESOURCES		
RED TANK AREA, LEA CO., NM IP BUBBLE MAP UPPER BONE SPRING SAND (Bond)		
Rick King		9/24/96
	Scale 1:24000.	

LEGEND

- OIL WELL
- GAS WELL
- DRY HOLE
- INACTIVE OIL WELL
- INACTIVE GAS WELL
- INJECTION WELL
- LOCATION

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 14
Submitted By:
Burlington Resources
Hearing Date: October 3, 1996



- BURLINGTON RESOURCES OPERATED WELLS (27 WELLS)
- BURLINGTON RESOURCES NON-OPERATED WELLS (14 WELLS)

Operations for the last 3 1/2 years.

BURLINGTON RESOURCES		
RED TANK AREA, LEA CO., NM CURRENT OPERATIONS MAP		
Rick King		9/24/96
	Scale 1:24000.	

LEGEND

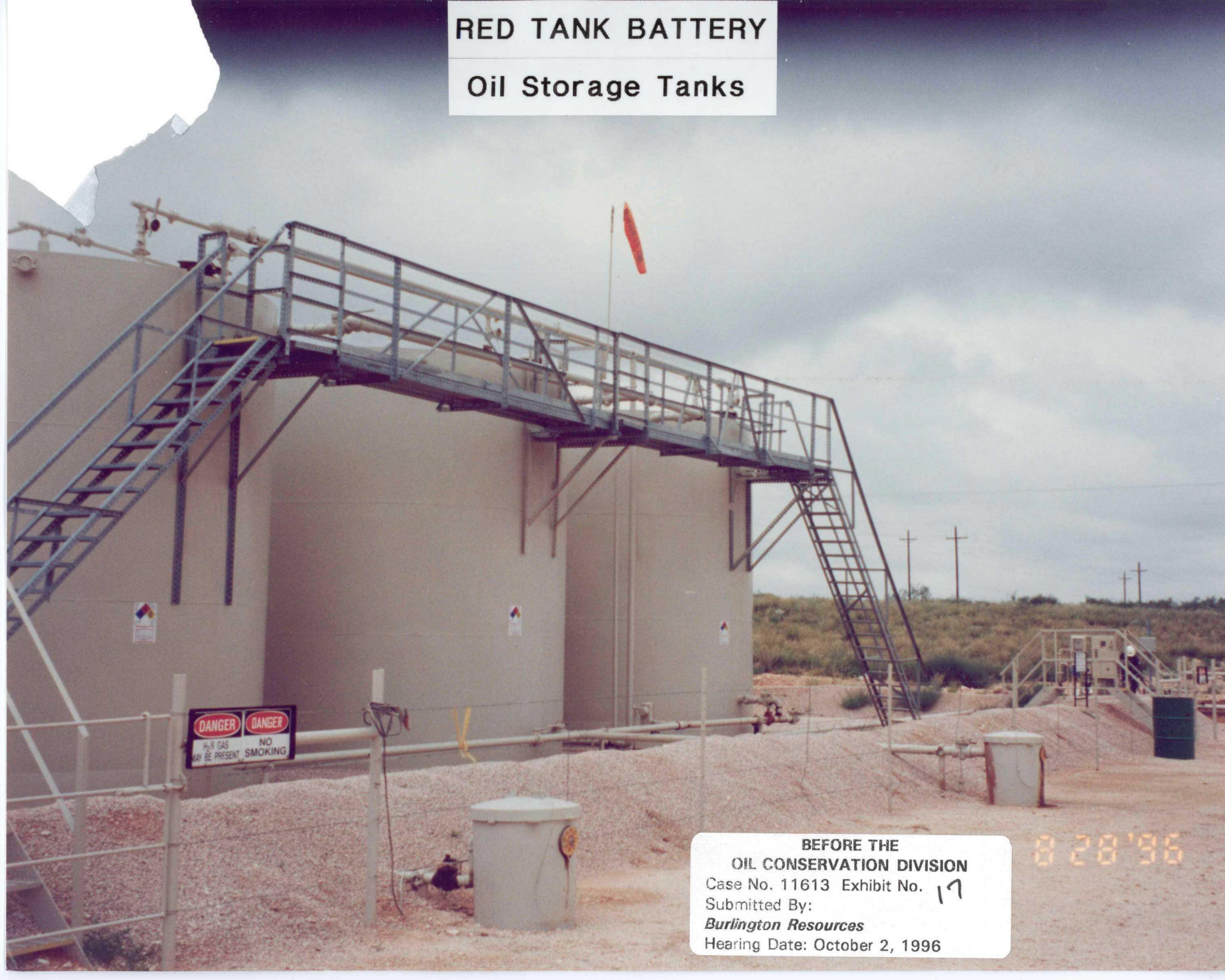
- OIL WELL
- GAS WELL
- DRY HOLE
- INACTIVE OIL WELL
- INACTIVE GAS WELL
- INJECTION WELL
- LOCATION

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 15
Submitted By:
Burlington Resources
Hearing Date: October 3, 1996

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 16
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996

RED TANK No. 1

Pumping Well


RED TANK BATTERY
Oil Storage Tanks
DANGER
DANGER
H2S GAS MAY BE PRESENT
NO SMOKING
BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 17
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996
8 28 96


RED TANK BATTERY
Production Facilities
BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 18
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996
8 28 96

RED TANK BATTERY

Gas Sales/Alarm Monitoring

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 19
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996

Penwell and BR Cost Comparison
Checkmate "24" #1
West Red Tank Delaware

	Penwell	Burlington	Variance
Contingency	$30,920	$0	($30,920)
Separator / Treater	$8,500	$0	($8,500)
Tanks	$6,500	$0	($6,500)
Completion Unit	$15,000	$12,000	($3,000)
Geological Engr.	$3,000	$0	($3,000)
Tubular Svs and Tools	$5,000	$2,600	($2,400)
Title and Curative	$2,000	$0	($2,000)
Mud Logging	$5,000	$3,100	($1,900)
Equipment Rental	$13,400	$11,700	($1,700)
Roads, Locations, Pits	$24,500	$23,000	($1,500)
Contract Labor	$10,000	$11,200	$1,200
Flowlines, Valves, Conn	$8,000	$10,000	$2,000
Rods and Pump	$28,000	$31,500	$3,500
Damages and ROW	$300	$3,900	$3,600
Wellhead Equip	$7,500	$12,000	$4,500
Drilling Footage	$126,000	$131,400	$5,400
Cementing	$39,000	$45,000	$6,000
Tubing	$25,500	$32,200	$6,700
Surface Lift and Elec.	$58,000	$71,000	$13,000
Drilling Well Rate (A/O)	$2,400	$18,000	$15,600
SUM TOTAL	$418,520	$418,600	$80

Note: Above based on areas of significant cost variance

BR AFE: $651,700

Penwell AFE: $649,320

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 20
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996

BEFORE THE
OIL CONSERVATION DIVISION
Case No. 11613 Exhibit No. 21
Submitted By:
Burlington Resources
Hearing Date: October 2, 1996

Category	Recommended Action	Potential Savings
Roads, Locations, Pits	Drilling/Construction Foreman will interview contractors and share invoice information to gain better understanding of variance. Will also investigate "Time and Materials" billing among vendors.	$5,000
Cement & Cement Services	BR deleted multi-stage cementing tool from casing designs, and will only run where necessary. Revised cement estimate is +/- $45,000.	$11,000
Logging / Sidewall Coring	BR will only run sidewall cores where necessary, but continue to run caliper survey for better cement volume calculations.	$6,000
Stimulation	Production group will optimize stimulation design Halliburton engineer.	$5,000
Casing	Hobbs Team scheduled slim-hole wells for 1997 budget. Recommend running Grade B casing, as available.	$25,000
Tubing	Utilizing 2-3/8" production tubing on Delaware wells (i.e., Pronghorn). Budgeted same for all 1997 wells. Recommend running yellow band tubing, as available.	$10,000
Pumping Equipment	Will survey market for quality used pumping units. Also, planning on optimization of existing lift equipment and transfers between wells as appropriate.	$12,000
Total		**$74,000**