

Date 4-8-14 District great Bend Ticket No. 62721
 Company unit petroleum Rig unit 303
 Lease Debes Well No. 20-1H
 County Reno State Ka

Location sylvia south to pleasant valley 2N 5E Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 9 5/8 Type J 55 Weight 36 Collar _____

Casing Depths: Top KB Bottom 1527

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 13 1/2 T.D. 1527 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 00773 Lin. ft./Bbl. 12.93
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Bbls/Lin. ft. _____ Lin. ft./Bbl. _____

Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 10 BBI H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type AMD 21-gyp
21.0 CC 21.7 Nam 1/4 flo Excess _____
 Amt. 300 Sks Yield 2.11 ft³/sk Density 12.6 PPG

TAIL: Pump Time _____ hrs. Type class A 21.0 CC
1/4 flo Excess _____
 Amt. 280 Sks Yield 1.2 ft³/sk Density 15.6 PPG

WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 597 Mike Wathorn
 Bulk Equip. 599 Kevin Weighouse
603

Float Equip: Manufacturer _____
 Shoe: Type AFC float shoe Depth 1527
 Float: Type _____ Depth _____
 Centralizers: Quantity 5 Plugs Top _____ Btm. _____
 Stage Collars Rubber Plug
 Special Equip. Thread lock 9-Basket
 Disp. Fluid Type H2O Amt. 118.41 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____ CEMENTER Charles Kingen

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
8:00am						on location Rig up 5-m.
						Broke circulator w/ Rig mud
12:05				10	4	took to head 10 BBI H2O ahead
12:10				112.73	7	Mix 300 AK AMD 21-gyp lead 21.0 CC 21.7 Nam 1/4 flo @ 12.6 PPG lead
12:40				59.84	7	Mix 280 class A 21.0 CC 1/4 flo tail @ 15.6 PPG
						shut down
1:04						Release plug
				118	8	displace 118 BBI H2O
1:30						plug did land
1:35						float did hold

Date 4-14-14 District great Bend Ticket No. _____
 Company unit petroleum Rig unit 308
 Lease Debez Well No. 20-1H
 County Reno State K2

Location sglva 5 to pleasant valley rd 2w 5 chnts Field _____

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size 7" Type p-110 Weight 23 Collar _____

Casing Depths: Top _____ Bottom 4240

Drill Pipe: Size _____ Weight _____ Collars _____
 Open Hole: Size 8 3/4" T.D. 4240 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.0394 Lin. ft./Bbl. _____
 Open Holes: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Drill Pipe: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Annulus: Bbls/Lin. ft. _____ Lin. ft./Bbl. _____
 Perforations: From _____ ft. to _____ ft. Amt. _____

CEMENT DATA:
 Spacer Type: 10 BBI H2O
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG

LEAD: Pump Time _____ hrs. Type class A 67
gyppex 10% salt Excess _____
 Amt. 160 Sks Yield 1.32 ft³/sk Density 15.4 PPG

TAIL: Pump Time _____ hrs. Type _____
 Excess _____
 Amt. _____ Sks Yield _____ ft³/sk Density _____ PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls.

Pump Trucks Used 597 Kevin eddy Mike northon
 Bulk Equip. 870844 Dan Casper

Floater Equip: Manufacturer _____
 Shoe: Type pressure float shoe Depth _____
 Float: Type _____ Depth _____
 Centralizers: Quantity _____ Plugs Top _____ Btm. _____
 Stage Collars Rubber plug
 Special Equip. _____
 Disp. Fluid Type H2O Amt. 168 Bbls. Weight _____ PPG
 Mud Type _____ Weight _____ PPG

COMPANY REPRESENTATIVE _____

CEMENTER Charles King

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	AM/PM	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	
12:00						on location rig up 5.30.
						Rig Pan 425 ' 7" CB
12:05						Broke circulation
1:10				10	4	pump 10 BBI H2O
1:15				37.61	6	mix 160 or class A 67 gyppex 10% salt
1:30						Released plug
1:35				168	7	displaced 168 BBI H2O
2:00						land plug @ 1000'
2:05						Release + float