

Date: 10-2-13 District: Crownpoint djs Ticket No: 101930
 Company: Berexco LLC Rig: Berenco LEI
 Lease: TJaden A Well No: 7-13
 County: Kern County State: KS
 Location: Gardner PMS 1/2E 24N Field: Ernsb

CASING DATA: Conductor PTA Squeeze Misc
 Surface Intermediate Production Liner
 Size: 5 1/2 Type: new Weight: 15 Collar: SR

Casing Depths: Top RB Bottom: 4406.11

Drill Pipe: Size 4 1/2 Weight 16.6 Collars: whole
 Open Hole: Size _____ T.D. _____ ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 102.44 Lin. ft./Bbl. 40.95
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.57
 Drill Pipe: Bbls/Lin. ft. 21.42 Lin. ft./Bbl. 70.32
 Annulus: Bbls/Lin. ft. 0.309 Lin. ft./Bbl. 32.40
 Perforations: From _____ ft. to _____ ft. Amt: _____

CEMENT DATA:
 Spacer Type: Freshwater
 Amt _____ Sks Yield _____ ft³/sk Density 8.34 PPG

LEAD: Pump Time _____ hrs. Type: 65% class A
354 pol 6 1/2 gal 14 1/2 flo Excess _____
 Amt: 125 Sks Yield 1.95 ft³/sk Density 12.5 PPG

TAIL: Pump Time _____ hrs. Type: class A ASC
6 1/2 gal seal 5 1/2 gal 60 + Detainer Excess _____
 Amt: 200 Sks Yield 1.57 ft³/sk Density 14.5 PPG
 WATER: Lead _____ gals/sk Tail _____ gals/sk Total _____ Bbls

Pump Trucks Used: 597 - Charles K
 Bulk Equip: 504-198 - Kennerly

Floater Equip: Manufacturer _____
 Shoe: Type _____ Depth _____
 Float: Type LP/Ser 360 Depth _____
 Centralizers: Quantity 12 Plugs: Top latch Str. _____
 Stage Collars _____
 Special Equip: 2 Packers
 Disp. Fluid Type Freshwater Amt _____ Bbls. Weight 8.34 PPG
 Mud Type: None Weight: 9.72 PPG

COMPANY REPRESENTATIVE: _____ CEMENTER: Dickson C

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls Min.	
2:00pm						ON location - Rig up 2:00pm 10-2-13 Ho 1st long meeting
7:00pm						Run 5 1/2 casing 1 Dip ball & circulate for 1hr Break circulation & ML Rig mud Hook up cement pump
						R.H. = 30 SKS M.H. = 20 SKS mix 155 SKS 65/35
			50.56	26.44	59.92	mix - 200 SKS ASC Start down wash annulus line Dis place 106.43' bbls Freshwater
			145.79	106.43		Lead plug pressure 2000 #
3:00am						plug Run 3:00 AM 10-3-13 Cement Dis Circulate