

## DRILLING PROGRAM

LEASE #

Pecos Irrigation Company #1

WELLHEAD EQUIP. 10-3/4"x7-5/8" csghd (5000 psi WP), 7-5/8"x2-7/8" tbqhd (10,000 psi WP)  
with dual master valves, crown valve, wing valve & adj chk

FRESH WATER  
PROJECTION

DEPTH

2650

☐ FIELD  
RULES☐ WATER  
BOARD☐ OTHER

REMARKS 2650' intermediate csg to be cemented to surf to cover any fresh water sands.

EQUIPMENT PROGRAM

CSG SEAT	POS	FOOTAGE	SIZE	WEIGHT	GR	JOINT	DRIFT ID	MAX OD	REMARKS
425		425	16	75	K	STC	14.938	17.0	
2650*		2650	10-3/4	40.5	K	STC	9.894	11.750	*Set 50' into Delaware.
10000		10000	7-5/8	26.4	S95	LTC	6.844	8.500	**Set in top of Wolfcamp. Inspect with Scanalog 500 or equiv.
13000		3500	5	15	S95	LTC	4.283	5.563	Inspect with Scanalog 500 or equiv. Sandblasted.
	T	9500	2-7/8	6.5	N80	ABMod	2.347	3.658	Inspect on location with Scanalog 500 or equiv.
	B	2000	2-3/8	4.7	N80	ABMod	1.901	3.063	Scanalog 500 or equiv.
									Ship A-B mod cplgs boxed separately.

REMARKS 16" & 10-3/4": Threadlock & tackweld btm 3 jts & float equipment. Centralize  
btm 425' & 1000' respectively. Test 10-3/4" to 1000 psi prior to drilling out.  
7-5/8": Deliver 3 jts with handtite couplings & threadlock with float equipment.  
Centralize btm 1000' + any potential zones.  
5": Use MWL type FJ hanger with float collar & latch collar.

CEMENTING PROGRAM

CSG SIZE	TYPE		SX OR CU FT	SLURRY DESCRIPTION	YIELD	WEIGHT	EST TOP	CAL % EX- CESS	WOC HOURS		
	COLLAR	SHOE							NU	DRL	PERF
16	FC	GS	510	Class C + 2% CaCl	1.32	14.8	Surf	100		12	
10-3/4	FC	GS	1500	Howcolite+8#/sk salt+1/4#/sk Flocele	1.86	12.7	Surf	125	8	12	
	Tail in w/200			Class C + 2% CaCl	1.32	14.8					
7-5/8	FC	FS	525	Trinity litewt + .75% CFR-2 + 1/4#/sk Flocele	1.72	12.0	5700	35	8	12	
	Tail in w/300			Class H + .75% CFR-2	1.18	15.6					
				Precede with 30 bbl mud flush.							
5	FC, IC	FS	275	Class H + .6% Halad 22-A + .4% CFR-2 + .1% HR-7 + 5#/sk KCl + 1/2#/sk gas check. Precede with 20 bbl SAM V flush.	1.2	15.2	19200	25		24	48

NOTE: USE TOP & BOTTOM RUBBER CEMENTING PLUGS. TRANSFER WEIGHT FROM HOOK TO SLIPS WITHOUT PULL-UP OR SLACK  
OFF WHEN NIPPLING UP. REMARKS Adjust volumes by caliper + 25%.

10-3/4": Reciprocate prior to & during cmtg. Test to 1000 psi prior to drlg shoe.

7-5/8": Reciprocate prior to & during cmtg. Test to 3000 psi prior to drlg out.

5": Batch mix cmt. Use double plug method. Pull 15-20 stds before reversing out.

Pilot test & all cmt with location mixing wtr.