

Injection Permit Checklist (7/8/08)

Case 14325 R- SWD WFX PMX IPI Permit Date UIC Qtr

Wells 1 Well Name: Federal USA "L" #4

API Num: (30-) 625-30692 Spud Date: 6/6/1990 New/Old: N (UIC primacy March 7, 1982)

Footages 2100 FSL/2310 FUL Unit K Sec 14 Tsp 19S Rge 3E County LEA

Operator: Chesapeake Operating LLC Contact Christie Combs / BIL Com

OGRID 147179 RULE 40 Compliance (Wells) 10/1000 (Finan Assur) OK

Operator Address: PO Box 18496, OKC, OK 73154-0496

Current Status of Well: PEA

Planned Work to Well: PILOT WF Test Planned Tubing Size/Depth: 2 3/8" 3500'

	Sizes Hole.....Pipe	Setting Depths	Cement Sx or Cf	Cement Top and Determination Method
Existing Surface	<u>12 1/4 8 5/8</u>	<u>1500</u>	<u>1200</u>	<u>CIRC</u>
Existing Intermediate				
Existing Long String	<u>7 7/8 5 1/2</u>	<u>4450</u>	<u>1050</u>	<u>CIRC</u>

DV Tool Liner Open Hole Total Depth 4450

Well File Reviewed Y92

Diagrams: Before Conversion ✓ After Conversion ✓ Elogs in Imaging File: ✓

Intervals:	Depths	Formation	Producing (Yes/No)
Above (Name and Top)	<u>3076</u>	<u>Towhee</u>	
Above (Name and Top)	<u>3302</u>	<u>Fols</u>	
Above (Name and Top)	<u>3472</u>	<u>7KVDS TOP</u>	
Injection.....	<u>3615</u>	<u>7KVDS</u>	
Interval TOP:	<u>3615</u>		
Injection.....	<u>3694</u>	<u>"</u>	
Interval BOTTOM:	<u>3694</u>		
Below (Name and Top)	<u>4282'</u>	<u>Queen</u>	

~ 10' THICK PAY
14-25% Porosity

723 PSI Max. WHIP

NO Open Hole (Y/N)

NO Deviated Hole?

Sensitive Areas: Capitan Reef Cliff House Salt Depths

.....Rotash Area (R-111-P) Potash Lessee -Noticed?

Fresh Water: Depths: None Wells(Y/N) NO Analysis Included (Y/N): Affirmative Statement ✓

Salt Water: Injection Water Types: Analysis?

Injection Interval: Water Analysis: Hydrocarbon Potential yes

Notice: Newspaper(Y/N) ✓ Surface Owner BLM Mineral Owner(s)

RULE 701B(2) Affected Parties: WJ Bala / Dan Soren / P. Varef / Forster

Area of Review: Adequate Map (Y/N) ✓ and Well List (Y/N) NO

Active Wells 12 Num Repairs 7 Producing in Injection Interval in AOR yes

P&A Wells 3 Num Repairs 1 All Wellbore Diagrams Included? yes

Questions to be Answered:

also send MAP w/ Circle on it

Required Work on This Well: Request Sent Reply:

AOR Repairs Needed: Request Sent Reply:

1990 cut 28 sidewall core in the well Request Sent Reply:

CMT
need TOPS
of prod. wells
& prod. perms