INJECTION WELL DATA SHEET

OPERATOR: <u>ConocoPhillips Company</u>				<u> </u>	_		
WELL NAME & NUMBER: Vacuum Glorieta East U	Jnit (VGEU) 002-22W API # 3	30-025-37852_					
WELL LOCATION: <u>1585' E and 1765' N;</u>	<u>UL G, Sec. 32, T17S, R</u>	<u>35E</u>					
FOOTAGE LOCATION	UNIT LETTER	SECTION	TOWNSHIP	RANGE			
<u>WELLBORE SCHEMATIC</u>	<u>WELL CONSTRUCTION DATA</u> Surface Casing						
	Hole Size: <u>12,25"</u> Cemented with: <u>620 sx lead &</u> <u>230 sx tail s</u> Top of Cement: <u>Surface</u>	<u>& sx</u> . slurry	Casing Size: <u>8.62</u>		ft ³		
	Intermediate Casing						
	Hole Size: Cemented with:	SX.	Casing Size:		ft ³		
	Top of Cement:		Method Determine	d:			
	Production Casing						
	Hole Size:7.875''Casing Size:5.5''Cemented with: 1150 sx lead & _sx. 500 sx tail slurryorft³Top of Cement:Top of Cement:MurcharterMethod Determined: Circulated						
	Total Depth: 6350' TVD						
		Injection In	terval 5919'-6	124'			
	current perf's 6042'	feet to	6092"				
	(Perforated or Open Hole; indicate which)						

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Tubing	Size: _2.375" Lining Material:IPC					
Туре о	f Packer: <u>5.5 x 2.375 carbide slips NP</u>					
Packer	Setting Depth: <u>6012'(bottom of packer)</u>					
Other 7	Type of Tubing/Casing Seal (if applicable):					
	Additional Data					
1.	Is this a new well drilled for injection?YesXNo					
Produ	If no, for what purpose was the well originally drilled? _Oil cer					
2.	Name of the Injection Formation: <u>Paddock: Glorieta</u>					
3.	Name of Field or Pool (if applicable): <u>Vacuum Glorieta</u>					
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plug(s) used. <u>perf's 6112' – 6124' permanent bridge plug</u>					

5. Give the name and depths of any oil and gas zones underlying or overlying the proposed injection zone in this area: <u>Grayburg; San Andres; Yates</u>

Schematic - Current ConocoPhillips VACUUM GLORIETA EAST UNIT 002-22W

ob Category ESTING	Primary Job Ty TEST-LOG-PF		dary Job Type	Actual Start Date 7/18/2011	End Date 7/19/2011
		Well Config: VERTIC/	L - Original Hole, 5/	24/2013 4:17:01 PM 3 - 5	
			<u> </u>		
12					an a
60	850 sx		1-1	, Casing Joints, 13 3/8, 12.715,	12, 48.0
1,559	cement to		2-1 ×	, Casing Joints, 8 5/8, 8.097, 12	, 1,547.3
1,562	surface		2-2	, Float Collar, 8 5/8, 8.097, 1,55	9, 2.5
1,605			2-3	, Casing Joints, 8 5/8, 8.097, 1,5	562, 43.5
1,606			2-4	, Guide Shoe, 8 5/8, 8.097, 1,60	5, 0.8
1,610					
4,302				, Tubing - TK 99 IPC, 2 3/8, 1.99 , Casing Joints, 5 1/2, 4.950, 12	95, 12, 5,996.0 , 4,290.4
4,344	1650 sx cement			, DOUBLE MARKER JOINT, 5 1	
	to surface			, Casing Joints, 5 1/2, 4.950, 4,3	
5,885					
5,924	injection		3-4	, DOUBLE MARKER JOINT, 51	/2, 4.950, 5,885, 39.4
6,008	interval 5919'-6124'			, On-Off Tool, 4.560, 6,008, 1.0	
6,009	JJ1J -0124		· · · · · · · · ·	, Packer 5 1/2 X 2 3/8, 4.900, 1	.995. 6.009. 3.0
6,012				, Pump Out Plug, 2 3/8, 6,012, 1	
6,013			· - · · · · · · · · · · · · · · · · · ·	·	bottom of packer
6,042					•
6,085			Per	rforated, 6,042-6,092, 6/22/2007	,,
6,092	₹ #				
6,105					
			Permanent	Bridge Plug	
6,106					
6,112			Pe:	Iforated, 6,112-6,114, 5/14/2007	not squeezed
6,114			1 / K		
6,117			- Per	rforated, 6,117-6,119, 5/14/2007	not squeezed
6,119					Turrent
6,122					
6,124			Per	forated, 6,122-6,124, 5/14/2007	not squeezed
6,296				, Casing Joints, 5 1/2, 4.950, 5,9	924, 371.6
6,298				, Float Collar, 5 1/2, 4.950, 6,29	
6,338				', Casing Joints, 5 1/2, 4.950, 6,2	
6,339 ·			3-8	; Float Shoe, 5 1/2, 4.950; 6,338	3;1.1 ·····