

WELL LOGS

API number:	30-025-37085		
OGRID:		Operator:	COG OPERATING LLC
		Property:	JADE VIPER 33 FEDERAL COM # 1-Y

surface	ULSTR:	B	33	T	19S	R	33E
			495	FNL	1600	FEL	

BH Loc	ULSTR:	B	33	T	19S	R	33E
			757	FNL	1653	FEL	

Ground Level:	3555	DF:	3576	KB:	3577
Datum:	KB			TD:	13750

Land: **STATE**

Completion Date: (1) **1/6/2004**

Date Logs Received: **1/15/2004**

Date Logs Due in: (2)

Confidential:	NO			Date out:	
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Confidential period: 90 Days for State & Fee, 1 Year for federal

Date Due In: (1) is equal to Completion Date (1) + 20 days

Logs	Depth interval		
TD LD CN/GR	200	13735	Three Detector Litho-Density
HRLA	5262	13699	High Resolution Laterolog

OCD TOPS

Rustler		Strawn	12136	
Tansill		Atoka	12393	
Yates		Morrow	12950	
		Austin		
Delaware	5356	Chester		
Delaware Lm		Miss Lime		
Delaware Sd	5356			
Bell Canyon				
Cherry Canyon				
Brushy Canyon				
Bone Spring	7984			
1st Sd	9164			
2nd Carb	9150			
2nd Sd	9856			
3rd Carb	10120			
3rd Sd	10576			
Wolfcamp	10784			