

WELL LOGS

K Z

API number:	30-025-38885		
OGRID:		Operator:	COG OPERATING LLC
		Property:	EAGLE FEATHER FEDERAL # 2

surface	ULSTR:	B	21	T	26S	R	36E
			990	FNL	1630	FEL	

BH Loc	ULSTR:	B	21	T	26S	R	36E
			990	FNL	1630	FEL	

Ground Level:	2927	DF:	2948	KB:	2949	
Datum:	KB			TD:	13179	

Land:	FEDERAL	Completion Date: (1)	12/5/2008	
		Date Logs Received:	1/29/2009	***LATE***
		Date Logs Due in: (2)	12/25/2008	

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	13150	Three Detector Litho-Density
DNL	5231	13110	Density Neutron Log
HRLA	5231	13110	High Resolution Laterolog

K Z

OCD TOPS

Rustler		Strawn	12268	
		Atoka		
		Morrow		
Capitan Reef	3764	Austin		
Delaware		Chester		
Delaware Lm		Miss Lime		
Delaware Sd	5390			
Bell Canyon				
Cherry Canyon				
Brushy Canyon				
Bone Spring	8315			
1st Sd				
2nd Carb				
2nd Sd				
3rd Carb				
3rd Sd	11303			
Wolfcamp	11478			

OPERATOR
WELL/LEASE
COUNTY

COG OPERATING, LLC
EAGLE FEATHER FEDERAL #2
LEA RIG 498

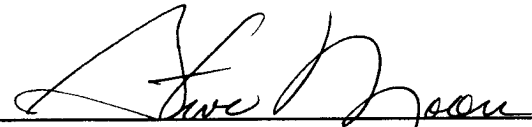
B-21-2bs-36e
660/N 9 1630/E

STATE OF NEW MEXICO
DEVIATION REPORT

30-025-38885

447	1.00	5,467	0.80	12,093	1.00
866	2.75	5,567	0.20	12,261	2.00
992	2.75	5,665	0.40	12,517	2.00
1,118	2.00	5,864	0.20	13,176	2.00
1,244	1.00	5,988	0.80		
1,422	1.00	6,241	0.70		
1,612	2.20	6,502	0.50		
1,912	3.20	6,777	0.80		
2,110	3.40	7,030	0.50		
2,340	1.90	7,285	0.90		
2,478	3.10	7,555	0.90		
2,572	2.50	7,775	1.00		
2,703	2.40	8,015	0.90		
2,820	2.20	8,265	1.40		
2,920	1.60	8,386	1.00		
3,046	1.60	8,540	1.90		
3,170	1.30	8,638	1.30		
3,290	1.60	8,890	1.90		
3,426	2.50	9,053	0.80		
3,526	2.10	9,206	0.90		
3,683	1.90	9,332	0.60		
3,745	1.60	9,585	0.20		
3,880	1.70	9,680	1.00		
3,944	1.00	9,838	1.70		
4,071	1.60	9,950	1.30		
4,166	1.40	10,090	0.60		
4,230	1.30	10,216	0.80		
4,325	1.10	10,311	1.80		
4,420	1.10	10,437	2.10		
4,516	1.10	10,755	1.20		
4,620	1.40	11,100	1.30		
4,864	0.30	11,579	0.80		
4,937	0.90	11,700	1.30		

BY:



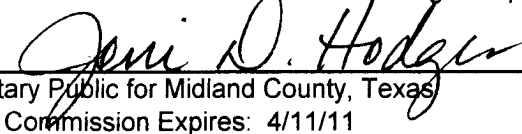
STATE OF TEXAS

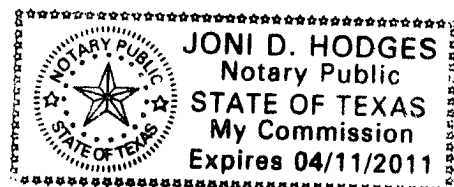
COUNTY OF MIDLAND



The foregoing instrument was acknowledged before me on
Moore on behalf of Patterson-UTI Drilling Company LLC.

NOVEMBER 13, 2008, by Steve


Notary Public for Midland County, Texas
My Commission Expires: 4/11/11



REFERENCE SHEET FOR
UNDESIGNATED WELLS

	Fm	Pm	N	Pc
22-26 E	XX	XX		XX

paragraph

1. Date: 1/30/2009	
2. Type of Well:	
Oil	Gas: XX
3. County: LEA	

4. Operator		COG OPERATING LLC		API NUMBER		30 - 025 - 38885	
5. Address of Operator		550 WEST TEXAS AVE STE 1300 MIDLAND TX 79701					
6. Lease name or Unit Agreement Name		EAGLE FEATHER FEDERAL				7. Well Number # - 2	
8. Well Location							
Unit Letter	B	990	feet from the	N	line and	1630	feet from the
Section	21	Township	26S	Range	36E	E	line
9. Completion Date		12/5/2008		11. Perts		Top	Bottom
						12444	12574
10. Name of Producing Formation(s)		STRAWN		12. Open Hole Casing shoe		Bottom	PBTD
							13179
13. C-123 Filed		Date	15	Name of Pool Requested or temporary Wildcat designation			Pool ID num
Y ☐ N ☒				PAWNEE;STRAWN (GAS)			82670
16. Remarks		EXTEND					

TO BE COMPLETED BY DISTRICT GEOLOGIST			
17. Action taken	18. Pool Name	Pool ID num	
EXTEND	PAWNEE;STRAWN (GAS)	82670	
T 26 S, R 36 E SEC 21: E/2			

19. Advertised for HEARING		20. Case Number	
21. Name of pool for which was advertised		Pool ID num	
PAWNEE;STRAWN (GAS)		82670	
22. Placed in Pool		23. By order number	
		R-	

Mull, Donna, EMNRD

From: Phyllis Edwards [PEdwards@conchoresources.com]
Sent: Monday, March 30, 2009 9:41 AM
To: Mull, Donna, EMNRD
Subject: Eagle Feather Federal 2

Donna,

COG set a 4-1/2" liner @ 13,176 & cemented the liner with 285 sx H Premium.

I am sorry for the omissions !!!

Please call if you have any further questions.

Phyllis Edwards

Regulatory Analyst



COG Operating LLC

Fasken Tower II

550 W. Texas Avenue, Suite 1300

Midland, TX 79701

432-685-4340 P

432-685-4399 F

pedwards@conchoresources.com

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