

Conditions of Approval (if any):

# **PLUGGED WELLBORE SKETCH** **ConocoPhillips Company -- Mid-Continent BU / Odessa**

Date: March 1, 2007

RKB @ 3516'  
 DF @  
 GL @ 3505.3'

Subarea : Hobbs  
 Lease & Well No. : State F-1 No. 7  
 Legal Description : 3300' FSL & 660' FWL, Sec. 1, T-21-S, R-36-E  
 County : Lea State : New Mexico  
 Field : Eumont Yates Seven Rivers Queen (Pro Gas)  
 Date Spudded : Aug. 9, 1978 Rig Released: Aug. 21, 1978  
 API Number : 30-025-26004  
 Status: PLUGGED 02/21/07

State Lease No. B-1535

## **Stimulation History:**

Interval	Date	Type	Gals	Lbs. Sand	Max Press	ISIP	Max Rate	Max Down
3543-3637	9/6/78	Perforate 3543-3637 - 1 jsf (select fire)						
	9/7/78	15% NE HCl	1,600	16 BS		1500	4.5	
		CO2	8,000					
		Gelled Fluid	31,000	56,000	4166	1600	10.5	
	9/3/85	<b>4-1/2" CIBP Set @ 3470'</b>						
	7/20/89	Perforate Eumont 1 jsf 2742-45, 2935-39, 3012-16 & 3305-10						
3305-3310	2/22/02	15% NEFE HCl	1,300					
3012-3016	2/22/02	15% NEFE HCl	1,300					
2935-2939	2/22/02	15% NEFE HCl	1,300					
2742-2745	2/22/02	15% NEFE HCl	1,300					
2742-3310	2/22/02	15% Acid	2,000	40 BS	2350	1910		
2742-3310	2/22/02	Quality Foam	31,000	81,000	3370	1790		
	3/1/02	<b>Set 4-1/2" CIBP @ 2692' w/35' cmt; TOC @ 2657'</b>						



## **PLUGS SET 02/20/07 thru 02/21/07**

- 1) Tagged CIBP/cmt @ 2,651', circulated hole w/ mud.
- 2) 25 sx C cmt 2,651 - 2,281'
- 3) 25 sx C cmt 1,397 - 1,035' TAGGED
- 4) 30 sx C cmt 412' to surface

## **Casing / Openhole Capacities**

4 1/2" 10.5# csg:	11.173	ft/ft3	0.0895	ft3/ft
5 1/2" 17# csg:	7.661	ft/ft3	0.1305	ft3/ft
7" 20# csg:	4.399	ft/ft3	0.2273	ft3/ft
7" 26# csg:	4.655	ft/ft3	0.2148	ft3/ft
7 7/8" 24# csg:	3.715	ft/ft3	0.2691	ft3/ft
8 1/4" 20# csg:	2.733	ft/ft3	0.3659	ft3/ft
8 1/4" 24# csg:	2.797	ft/ft3	0.3575	ft3/ft
8 1/4" 28# csg:	2.853	ft/ft3	0.3505	ft3/ft
6 1/4" openhole:	4.024	ft/ft3	0.2485	ft3/ft
7 7/8" openhole:	2.957	ft/ft3	0.3382	ft3/ft
9 1/2" openhole:	2.032	ft/ft3	0.4922	ft3/ft
10" openhole:	1.834	ft/ft3	0.5454	ft3/ft
12 1/4" openhole:	1.222	ft/ft3	0.8185	ft3/ft

## **Formation Tops:**

Top Salt	1360'
Base Salt	2530'
Yates	2677'
Seven Rivers	2943'
Queen	3394'
Grayburg	3712'

30 sx C cmt 412' to surface  
 circulated cement

8-3/4" Hole

7" 23# K-55 LT&C @ 1310'  
 Cmt'd w/250 sx  
 Spot 1 cu yd 35' to surface  
 TOC @ Surface  
 Top of Salt @ 1360'

25 sx C cmt 1,397 - 1,035' TAGGED

Base of Salt @ 2530'  
 25 sx C cmt 2,651 - 2,281'  
 Tagged CIBP/cmt @ 2,651', circulated hole w/ mud.  
 4-1/2" CIBP @ 2692'; TOC @ 2657'

2742-2745

2935-2939

3012-3016

3305-3310

4-1/2" CIBP @ 3470'

3578 3583  
 3625 3632 3637

7-7/8" Hole  
 4-1/2" 10.5# K-55 LT&C @  
 Cement - Lead - 751 sx  
 Tail - 260 sx, Circ 87 sx  
 TOC @ Surface

PBTD: 2657'  
 TD: 3764'