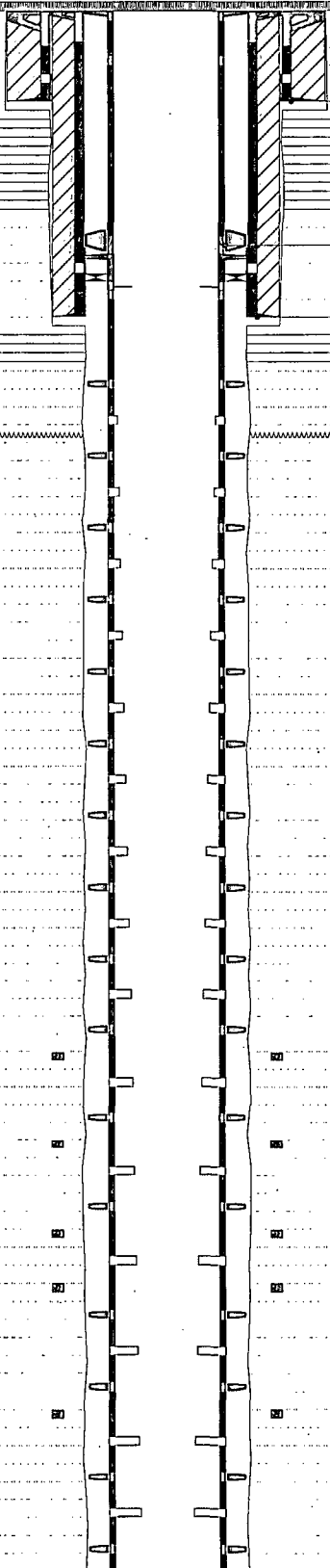


Schematic Regulatory

HUERFANO UNIT HZMC #1H

District SOUTH	Field Name ANGEL PEAK GALLUP	County SAN JUAN	State/Province NEW MEXICO	API / UWI 3004535370	
Original Spud Date 10/16/2012	Surface Legal Location 009-026N-010W-M	East/West Distance (ft) 615.00	East/West Reference FWL	North/South Distance (ft) 645.00	North/South Reference FSL

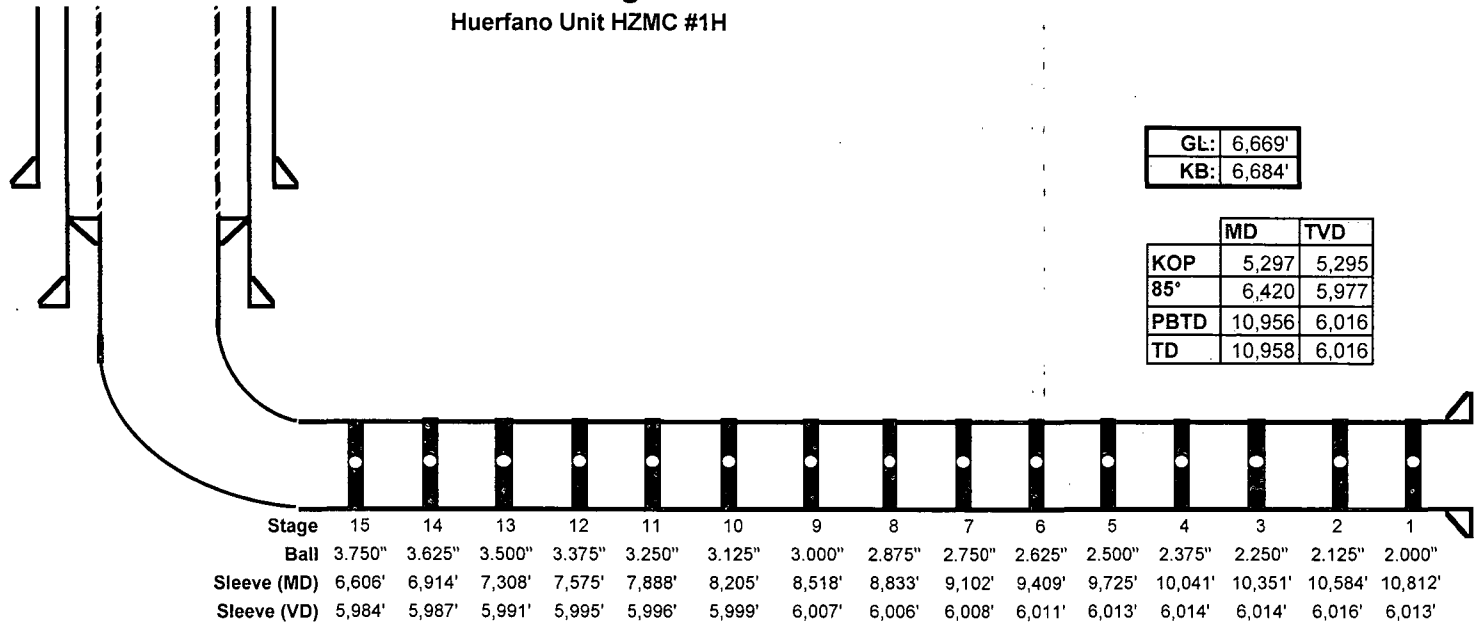
Well Config: HORIZONTAL - Original Hole, 2/27/2013 4:37:31 PM

ftKB (MD)	ftKB (TVD)	Schematic - Actual	Frm Final
15	15		
18	18		
824	824		
1,365	1,365	Surface, 9 5/8, 8,892; 15, 851.5	CARL AND 4,335 HUERFANO BENTONITE MASSIVE OFF 3,334 3,767 POINT OFF 5,010 5,78
2,367	2,367		
3,808	3,807		
5,157	5,155		
5,181	4,773	Production2, 4 1/2, 4,000, 15, 5,144.1	
5,189	4,117		
5,735	5,699	Intermediate1, 7, 6,276, 15, 5,210.1	
6,419	5,977		EL VADO A 5,375 EL VADO C, 6,386
6,600	5,984		
6,775	5,985		
6,908	5,986		
7,124	5,989		
7,302	5,992		
7,434	5,993		
7,569	5,994		
7,744	5,994		
7,882	5,995		
8,060	5,997		
8,199	5,998		
8,334	6,003		
8,512	6,005		
8,648	6,006		
8,827	6,006		
8,961	6,007		
9,096	6,009		
9,227	6,011		
9,320	6,011		
9,413	6,011		
9,552	6,012		
9,719	6,013		
9,856	6,015		
9,902	6,014		
10,045	6,013		
10,170	6,013		
10,345	6,014		
10,440	6,015		
10,481	6,015		
10,588	6,016		
10,683	6,015		
10,816	6,015		
10,913	6,015	Production1, 4 1/2, 2,000, 5,157, 5,801.2	

RCVD MAR 5 '13
 OIL CONS. DIV.
 DIST. 3

Burlington Resources**Huerfano Unit HZMC #1H**

Ojo Alamo	1,365'
Kirtland	1,431'
Fruitland	1,990'
Pictured Cliffs	1,998'
Lewis	2,367'
Huerfanito Bentonite	2,590'
Chacra	3,081'
Upper Cliff House	3,659'
Massive Cliff House	3,767'
Menefee	3,808'
Point Lookout	4,578'
Mancos	5,010'
El Vado	5,735'
El Vado A	5,875'
El Vado B	6,101'
El Vado C	6,386'



GL:	6,669'
KB:	6,684'

	MD	TVD
KOP	5,297	5,295
85'	6,420	5,977
PBTD	10,956	6,016
TD	10,958	6,016

	Size (inch)	Lbs / Ft	Grade	Thread	Top	Bottom	TOC
Surface	9 5/8	36	L-80	STC	Surface	867'	Surface
Intermediate	7	26	L-80	LTC	Surface	5,225'	Surface
Production	4 1/2	11.6	P-110	BTC	5,157'	10,956'	N/A
Frac String	4 1/2	11.6	P-110	BTC	Surface	5,157'	N/A

Size (inch)	ID/Drift ID	Capacity (bbl/ft)	Burst (psi)	Collapse (psi)	Tension (lbs)
9 5/8	8.835"/8.679"	0.0758	5750	3090	727000
7	6.276"/6.151"	0.0383	7240	5410	511000
4 1/2	4"/3.875"	0.0155	10690	7580	278000

INTEROFFICE MEMO

TO: Records & Regulatory

DATE: 1/16/2013

FROM: Eddie Pippin

LOCATION: Farmington, N.M.

Final Geologic Summary

Well Name & No.: Huerfano Unit HZMC 1H API: 3004535370

Location: (surface) SW Section 9 Twp. 26N Rge. 10W

County & State: San Juan, NM

Elevation: GL 6669 KB 6684

Tops From: X Wireline Log X Mudlog X Correlation

Ojo Alamo	<u>1365</u>	Chacra	<u>3081</u>	Greenhorn	<u> </u>
Kirtland	<u>1431</u>	Upper Cliff House	<u>3659</u>	Graneros	<u> </u>
Fruitland	<u>1990</u>	Massive Cliff House	<u>3767</u>	Dakota (Two Wells)	<u> </u>
Pictured Cliffs	<u>1998</u>	Menefee	<u>3808</u>	Paguate	<u> </u>
Lewis	<u>2367</u>	Point Lookout	<u>4578</u>	Cubero	<u> </u>
Huerfanito Bentonite	<u>2590</u>	Mancos	<u>5010</u>	Lower Cubero	<u> </u>
		El Vado	<u>5735</u>	Oak Canyon	<u> </u>
		El Vado A	<u>5875</u>		
		El Vado B	<u>6101</u>	Encinal	<u> </u>
		El Vado C	<u>6386</u>	Burro Canyon	<u> </u>
				Morrison	<u> </u>
				PBTD	<u> </u>
				LTD	<u> </u>

Electric Logs Run: GR/CCL/CBL

Well Cored? X No Yes

Well DST'd? X No Yes

Geologist: Eddie Pippin