Current Schematic

ConocoPhillips

Well Name: LINDRITH B UNIT #13

API/UWI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type
3003922551	NMPM-24N-03W-27-E	DK		NEW MEXICO	Vertical

Ground Elevation (ft)	Original KB/RT Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)
7,083.00	7,094.00	11.00	11.00	11.00

Vertical - Original Hole, 3/4/2014 8:50:38 AM

OIL CONS. DIV DIST. 3

MAR 1 8 2014

Formation Tops	MD (ftKB)
	11.0
	293.9
	299.9
	3,735.9
	3,857.9
	3,888.9
	3,899.0
	3,899.9
CLIFF H...	4,888.0
MENEFEE	4,742.1
	4,799.9
POINT L...	5,248.1
MANCOS	5,824.1
	6,024.9
	6,025.9
GALLUP	6,290.0
SANAST...	6,550.0
GREENH...	7,175.9
GRANER...	7,238.9
DAKOTA	7,255.9
	7,257.9
	7,334.0
	7,372.0
	7,375.0
	7,376.0
	7,492.1
	7,558.9
	7,618.1
	7,619.1
	7,648.9
	7,649.9

Vertical schematic (actual)

1; Surface; 13 3/8 in; 12.715 in; 11.0 ftKB; 300.0 ftKB

Surface Casing Cement; 11.0-300.0; 3/1/1981; Cemented w/300 sx Class "B" cement w/2% CaCl2. Circulated to surface.

Tubing; 2 3/8 in; 4.70 lb/ft; J-55; 11.0 ftKB; 7,375.0 ftKB

2; Intermediate1; 8 5/8 in; 7.921 in; 11.0 ftKB; 3,900.0 ftKB

Intermediate Casing Cement; 11.0-3,900.0; 3/9/1981; Cemented w/650 Class "B" 65/35 Pozmix cement w/8 pps perlite and 6% gel. Tailed in with 250 sx Class "B" w/2L% CaCl2. Cement did not circulate. Ran 6 joints 1" down annulus to 180' and cemented to surface w/50 sx Class "B" w/2% CaCl2.

Production Casing Cement; 4,800.0-6,026.0; 3/24/1981; Second Stage: Circulated cement off of DV tool at 6026'. Cemented w/400 sacks 65/35/6 cement w/0.25 pps FloCele followed by 200 sx Class "B". TOC @ 4800' from Temperature Survey dated 3/26/81.

PERF - DAKOTA; 7,258.0-7,334.0; 4/10/1981

Hydraulic Fracture; 4/11/1981; Broke down perfs w/197 bbls 2% KCl water and 50 balls. Frac'd well w/50,000 gals and 100,000# 20/40 sand down casing at 39 bpm and 2950#. ISIP = 1800# and 10 min SI = 1350#.

SEATING NIPPLE; 2 3/8 in; 4.70 lb/ft; J-55; 7,375.0 ftKB; 7,376.0 ftKB

PERF - DAKOTA; 7,372.0-7,492.0; 4/10/1981

Hydraulic Fracture; 4/10/1981; Borke down perfs w/220 bbls 2% KCl water and 40 balls. Frac'd well w/50000 gals and 100000# 20/40 sand. Average rate at 35 bpm down casing at 2900#. ISIP = 3300# and 10 min SI = 1100#.

Production Casing Cement; 6,026.0-7,650.0; 3/24/1981; First Stage: Cemented w/300 sx 65/35/6 cement w/0.25 pps FloCele followed by 200 sx Class "B".

Auto cement plug; 7,589.0-7,650.0; 3/24/1981; Automatically created cement plug from the casing cement because it had a tagged depth.

4; Production1; 4 1/2 in; 4.000 in; 11.0 ftKB; 7,650.0 ftKB

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