

ConocoPhillips

API#API 3004533633	Surface Legal Location 036-031N-013W-E	Field Name EAST DAKOTA (PRODUCED GAS)	License No.	State/Province NEW MEXICO	Well Configuration Type VERTICAL
Ground Elevation (ft) 6,020.00	Original KSRT Elevation (ft) 6,035.00	GS Ground Distance (ft) 15.00	GS Casing Change Distance (ft) 6,035.00	GS Tying -anger Distance (ft) 6,035.00	

MD (ft)	formation tops	Vertical schematic (actual)
15.1		
57.4		
200.1		
318.9		
319.9		
329.1		
532.2	OUO-ALAMO	
623.0	KIRTLAND	
1,938.0	FRUITLAND	
2,223.1	PICTURED...	
2,419.9	LEWIS	
2,952.8		
2,962.9		
2,967.8	HUER BENT	
3,319.9	CHACRA	Tubing: 2 3/8 in; 4.70 lb/ft; J-55; 15.0 ftKB; 6,769.6 ftKB
3,811.0	CLIFF HOUSE...	
3,965.9	MENEFEE	
4,410.1		
4,412.1		
4,413.1		
4,429.1		
4,586.0	POINT LOO...	
4,932.1	MANCOS	
5,849.1	GALLUP	
6,506.6		
6,516.4		
6,639.1	GREENHORN	
6,695.9	GRANEROS	
6,762.1	DAKOTA	
6,769.7		Tubing/Pup Joint: 2 3/8 in; 6,769.6 ftKB; 6,771.7 ftKB
6,770.0		Tubing: 2 3/8 in; 4.70 lb/ft; J-55; 6,771.7 ftKB; 6,803.0 ftKB
6,771.7		Pump Sealing Nipple: 2 3/8 in; 6,803.0 ftKB; 6,804.1 ftKB
6,802.8		Mute Shoe/Expendable check; 2 3/8 in; 6,804.1 ftKB; 6,804.9 ftKB
6,804.1		Hydraulic Fracture; 6/18/2006; Frac'd w/ 102,984 gals slickwater; 40,000# TLC sand.
6,804.8		
6,817.9		
6,826.1		
6,858.3		
6,859.3		
6,866.1		
6,873.0		PBTD: 6,873.0
6,881.6		
6,882.9		
6,883.2		
6,922.9		

1: Surface: 8 5/8 in; 8,097 in; 15.0 ftKB;
319.7 ftKB;

Surface Casing Cement: 15.0-319.8;
4/25/2006; CEMENT W/ 321 SX TYPE 3
CEMENT W/ 3% CACL2, 1/4 PPS;
CELLO FLK; 15.2 PPG; 1.28 CU. FT/SK;
411 CU. FT, 5.77 GPS; 200% EXCESS;
18.5 BLS CEMENT RETURNED TO
SURFACE.

OIL CONS. DIV DT

MAY 14 20

Production Casing Cement: 200.0-
4,429.0; 5/4/2006; 2ND STAGE, 295
BLS 75% EXCESS; 12.1# 100 BLS
CEMENT RETURN.

DAKOTA: 6,770.0-6,818.0; 6/17/2006

DAKOTA: 6,826.0-6,866.0; 6/17/2006

Production Casing Cement: 4,413.0-
6,863.0; 5/4/2006; CEMENT 1ST STG;
W/ 167 BLS PREM LITE 12.5 PPG.;
75% EXCESS. BUMP PLUG, 1050 PSI 5
BLS CEMENT RETURN.

2: Production: 4 1/2 in; 4,000 in; 15.0
ftKB; 6,883.0 ftKB

Cement Plug: 6,873.0-6,883.0; 5/4/2006

Cement Plug: 6,883.0-6,923.0; 5/4/2006

OIL CONS. DIV DIST. 3
MAY 14 2014