



Partner Summary Report

Date: 8/24/2011

Report #: 10.0

DOL: 9.44

Well Name: POWERS X22-02

Spud Date: 8/15/2011

Well Name POWERS X22-02	Operator NOBLE ENERGY INC.	API 05-123-32259	Block	County/Parish WELD	State/Province COLORADO	Total Depth (ftKB)	Current PBTD (ftKB) ORIGINAL HOLE - 7956.0
Prospect	Prospect Number	Latitude (°) 40.129440	Longitude (°) -104.647730	Quarter Quarter NWNE	Section/Abstract 22	Township/Survey 2N	Range 65W
Spud Date 8/15/2011		TD Date 8/22/2011		Rig Release Date 8/24/2011		First Production Date	

AFE Number 130721	Normalized Total AFE Amount 955,757.00	Daily Cost Total 201,963	Cum Cost To Date 558,787	Depth, MD (ftKB) 8,021	Depth, TVD (ftKB) 8,019
Dens (lb/gal)				Vis (s/qt)	

Job: DRILLING/COMPLETION, Job Start Date: 8/14/2011 19:30

Objective DRILL TO DAKOTA & COMPLETE IN DAKOTA/J SAND/CODELL/NIOBRARA			Target Formation DAKOTA	Target Depth (ftKB) 8,057.0
Report Start Date 8/23/2011 06:00	Report End Date 8/24/2011 06:00	Operations Summary TRIP IN,CIRC,LDDP & BHA,RUN 4 1/2 CASING,CIRC,CEMENT 1st STAGE,CIRC,CEMENT 2nd STAGE,RELEASE RIG @ 0600 ON 8/24/2011		

Time Log

Start Time	End Time	Dur (hrs)	Depth Start (ftKB)	Depth End (ftKB)	Rpt Code	Comment
06:00	08:00	2.00			TRIP	TRIP IN HOLE
08:00	09:30	1.50			C&C	CIRC AND COND MUD
09:30	15:00	5.50			PULD	LDDP & BHA
15:00	15:15	0.25			SFTY	SAFETY MEETING WITH RIG CREW & CASING CREW
15:15	20:15	5.00			RCSG	RUN 191 JTS OF 4 1/2" 11.6# M-80 PRODUCTION CSG AS FOLLOWS: FLOAT SHOE, SHOE JT, FLOAT COLLAR, MRK JTS ABOVE DAKOTA, J-SAND, CODELL AND NIOBRARA, CSG TO SURFACE, SET CSG @ 8,002'
20:15	22:15	2.00			C&C	CIRC AND COND MUD
22:15	22:30	0.25			SFTY	SAFETY MEETING WITH RIG CREW & CEMENT CREW
22:30	00:15	1.75			CMT	CEMENT 1st STAGE WITH 235 sks OF 13 ppg 1.96 YIELD
00:15	03:45	3.50			C&C	DROP BOMB & OPEN DV TOOL CIRC BETWEEN STAGES
03:45	05:00	1.25			CMT	CEMENT 2nd STAGE WITH 380 sks OF 12 ppg 2.49 YIELD TAILED WITH 50 sks OF CLASS G 15.8 ppg 1.15 YIELD
05:00	06:00	1.00			ND BOP	NIPPLE DOWN BOP & CLEAN TANKS

Survey Data

MD (ftKB)	TVD (ftKB)	Azm (°)	Incl (°)	+N / -S (ft)	+E / -W (ft)	VS (ft)	DLS (°/100ft)

Casing Strings

Casing Description	Set Depth (ftKB)	Run Date
SURFACE	866.0	8/16/2011

Cement Stages

Description	Top (ftKB)	Btm (ftKB)	Start Date
Surface Casing Cement	13.0	866.0	8/16/2011
Production Casing Cement			8/23/2011
Production Casing Cement			8/23/2011

Tubing Strings

Tubing	Set Depth (ftKB)	Run Date

Perforations

Zone	Top (ftKB)	Btm (ftKB)	Date

Stimulations & Treatments

Zone	V (slurry) (gal)	Est Prop Form (lb)	Date