

Well Name: DINNER 13-04F

Well Config: VERTICAL - ORIGINAL HOLE, 3/19/2012 3:51:24 PM

Well Header

API	Business Unit		Spud Date		Well Configuration Type	
05-123-16474	WATTENBERG		12/29/1992		VERTICAL	
Orig KB Elev (ft)	KB - GL / ...	Quarter Quarter	Sec/Abs	Twn/Sur...	Range	P & A Date
4,724.00	11	NWNW	13	4N	66W	
Comment						

Directions To Well
ROAD 35 AND ROAD 46, EAST 1/10, S INTO

Current PBTD (ftKB)

ORIGINAL HOLE - 7264.2

Bottom Hole Location

North-South Distance (ft)	From N or S Line	East-West Distance (ft)	From E or W Line
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PBTDs

Date	Depth (ftKB)	Method	Comment
1/13/1993	7,265.0	CASING TALLY	GUIDE SHOE
1/27/1993	7,256.0	CASED HOLE LOG	DEPTH LOGGER

Wellbore Sections

Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	11.0	530.0
PRODUCTION	7 7/8	530.0	7,316.0

Zone Statuses

Zone	Status Date	Status	Job
CODELL	2/9/1993	PR	DRILLING/COMPLETION - ORIGI...
NIOBRARA	2/9/1993	PR	DRILLING/COMPLETION - ORIGI...
CODELL	10/11/1999	PR	RE-FRAC, 9/15/1999 00:00
CODELL	4/6/2006	PR	TRI-FRAC, 1/31/2006 00:00
NIOBRARA	12/22/2011	PR	RE-FRAC, 12/5/2011 06:00

Casing Strings

Casing Description	Run Date	String OD (in)	String Wt (lbs/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)
Surface	1/17/1993	8 5/8	24.00	J-55	11.0	516.0
Production	1/22/1993	4 1/2	11.60	M-75	11.0	7,308.0

Cement

Description	Top (ftKB)	Btm (ftKB)
SURFACE CASING CEMENT	11.0	516.0
PRODUCTION CASING CEMENT	3,698.0	4,918.0
PRODUCTION CASING CEMENT	6,302.0	7,308.0

Tubing Components

Item Description	OD (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
Tubing Pup Joint	2 3/8	4.70	J-55	2	19.90
Tubing	2 3/8	4.70	J-55	220	7,142.83
Notched Seating Nipple	2 3/8			1	1.05

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGI...	A	32	6,890.0	6,906.0	12/7/2011
NIOBRARA, ORIGI...	A	12	6,894.0	6,935.0	2/1/1993
NIOBRARA, ORIGI...	B	12	6,993.0	7,011.0	2/1/1993
NIOBRARA, ORIGI...	B	32	6,996.0	7,012.0	12/7/2011
CODELL, ORIGINA...		64	7,196.0	7,212.0	9/16/1999
CODELL, ORIGINA...		20	7,198.0	7,208.0	1/27/1993

Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type
	1/28/1993	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL
Comment			

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant 190000 lb		65730	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
4,000.0	6,000.0	11.40	12.00

PRODUCTION CASING CEMENT, 6,302-7,308, 1/22/1993			
Production, 11-7,308, 4 1/2, 11.60, M-75, 1/22/1993			
TD, 7,316, 1/21/1993			

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Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type		
	2/2/1993	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL		
Comment					
Total Add Amount		V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)	
Proppant 162000 lb; Proppant 100 MESH 10000 lb			66024		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
6,000.0		6,400.0	11.50	12.00	
Bnch/...	Date	Zone	Primary Job Type		
	10/7/1999	CODELL, ORIGINAL HOLE	RE-FRAC		
Comment					
Total Add Amount		V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)	
Proppant Ottawa 245860 lb			130998		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
7,370.0		7,850.0	13.50	14.10	
Bnch/...	Date	Zone	Primary Job Type		
	2/27/2006	CODELL, ORIGINAL HOLE	TRI-FRAC		
Comment					
Total Add Amount		V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)	
Proppant Ottawa 245940 lb			128394		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
4,718.0		5,347.0	14.30	14.60	
Bnch/...	Date	Zone	Primary Job Type		
A&B	12/20/2011	NIOBRARA, ORIGINAL HOLE	RE-FRAC		
Comment					
(NIOBRARA A&B RF) ISIP 3673. ONLY GOT 28 BPM, CHANGE BREAKER SCHEDULE TO ADJUST FOR LOWER RATE. SAND SCREW COULD NOT KEEP UP DURING 3.0 PSA, HAD TO BRING ON ANOTHER SCREW. HAD DENSITY DROP WHILE CHANGING SCREWS. WENT 70 BBL LONG ON 4.0 PSA STAGE. AVERAGES: VISC 18.41, PH 10.35, TEMP 65.24, NOLTE -0.03. POST ISIP 3732, POST 5 MIN 3389.					
Total Add Amount		V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)	
Proppant Ottawa 251544.406 lb		156008	167374		
Avg Treat Pressure (psi)		Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)	
4,229.0		4,522.0	36.60	39.90	
Other In Hole					
Run Date	Description		OD (in)	Top (ftKB)	Btm (ftKB)
Logs					
Date	Type		Top (ftKB)	Btm (ftKB)	
1/22/1993	COMPENSATED DENSITY		4,300.0	7,308.0	
1/22/1993	INDUCTION		515.0	7,308.0	
1/27/1993	CEMENT BOND		3,500.0	7,251.0	

