

Well Name: **BROWN PC E02-32**

Well Config: VERTICAL - ORIGINAL HOLE, 3/5/2012 2:24:43 PM

Well Header

API	Business Unit		Spud Date		Well Configuration Type	
05-123-33408	WATTENBERG		8/1/2011		VERTICAL	
Orig KB Elev (ft)	KB - GL / ...	Quarter Quarter	Sec/Abs	Twn/Sur...	Range	P & A Date
4,850.00	14	SENE	3	6N	65W	
Comment						

Directions To Well

WCR 74 & 45, South 0.5 mile, West 240', North 155' into location.

Current PBSD (ftKB)

ORIGINAL HOLE - 7327.0

Bottom Hole Location

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

PBTDs

Date	Depth (ftKB)	Method	Comment
8/4/2011	7,327.0	CASING TALLY	FLOAT COLLAR
8/16/2011	7,315.0	CASED HOLE LOG	DEPTH LOGGER

Wellbore Sections

Section	Size (in)	Act Top (ftKB)	Act Btm (ftKB)
SURFACE	12 1/4	14.0	720.0
PRODUCTION	7 7/8	720.0	7,376.0

Zone Statuses

Zone	Status Date	Status	Job
NIOBRARA	9/17/2011	PR	DRILLING/COMPLETION - ORIGI...
CODELL	9/17/2011	PR	DRILLING/COMPLETION - ORIGI...

Casing Strings

Casing Description	Run Date	String OD (in)	String Wt (lbs/ft)	String Grade	Top (ftKB)	Set Depth (ftKB)
SURFACE	8/2/2011	8 5/8	24.00	J-55	14.0	710.0
PRODUCTION	8/4/2011	4 1/2	11.60	M-80	14.0	7,372.0

Cement

Description	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	14.0	710.0
Production Casing Cement	1,330.0	7,372.0

Tubing Components

Item Description	OD (in)	Wt (lbs/ft)	Grade	Jts	Len (ft)
Tubing Pup Joint	2 3/8	4.70	J-55	1	6.00
Tubing Pup Joint	2 3/8	4.70	J-55	1	10.00
Tubing	2 3/8	4.70	J-55	230	7,103.94
Notched seating nipple	2 3/8	4.70	J-55	1	1.50

Perforation Data

Zone	Bnch/Stg	Entered Shot Total	Top (ftKB)	Btm (ftKB)	Date
NIOBRARA, ORIGI...	A	24	6,856.0	6,868.0	9/14/2011
NIOBRARA, ORIGI...	B	24	6,969.0	6,981.0	9/14/2011
CODELL, ORIGINA...		56	7,149.0	7,163.0	8/18/2011

Stimulations & Treatments

Bnch/...	Date	Zone	Primary Job Type
	9/14/2011	CODELL, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Comment

(CODELL): ISIP - 2721, 5 MIN - 2027. REVERSE STEP - PERFS OPEN - 29, NWB - 608 PSI, PERF FRIC - 263. FINAL ISIP - 3482, FIVE MIN - 3307, AVG VISC - 24, AVG PH - 10.32, AVG TEMP 68.7. TREATMENT WENT WELL

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant Ottawa 244220.505 lb	135118	146190	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
4,295.0	4,475.0	50.20	50.60

Bnch/...	Date	Zone	Primary Job Type
	9/14/2011	NIOBRARA, ORIGINAL HOLE	DRILLING/COMPLETION - ORIGINAL

Comment

(NIOBRARA B&A): ISIP - 3324 FINAL ISIP - 3408, 5 MIN - 3193, AVG VISC - 26.3, AVG PH - 10.27, AVG TEMP - 60.8 TREATMENT WENT WELL

Total Add Amount	V (pumped) (gal)	V (slurry) (gal)	V (gas) (mcf)
Proppant Ottawa 248165.396 lb	152816	164137	
Avg Treat Pressure (psi)	Max Treat Pressure (psi)	Avg Treat Rate (bbl/min)	Max Treat Rate (bbl/min)
4,355.0	4,609.0	47.60	50.50

TD, 7,376, 8/3/2011

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Other In Hole

Run Date	Description	OD (in)	Top (ftKB)	Btm (ftKB)

Logs

Date	Type	Top (ftKB)	Btm (ftKB)
8/4/2011	COMPENSATED DENSTIY	2,900.0	7,354.0
8/4/2011	INDUCTION	710.0	7,374.0
8/16/2011	CBL/CCL/GR	1,100.0	7,314.0

