

UNITED STATES  
DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICE AND REPORTS ON WELLS

SEP 03 2008

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION TO DRILL" for permit for such proposals

Bureau of Land Management  
Farmington Field Office

5. Lease Designation and Serial No.  
NMSF-078772

If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation  
Rosa Unit

8. Well Name and No.  
Rosa Unit #240A

9. API Well No  
30-039-30110

10. Field and Pool, or Exploratory Area  
Basin Fruitland Coal

11. County or Parish, State  
Rio Arriba, New Mexico

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

Notice of Intent

X Subsequent Report

Final Abandonment

Abandonment

Recompletion

Plugging Back

Casing Repair

Altering Casing

X Other Completion

Change of Plans

New Construction

Non-Routine Fracturing

Water Shut-Off

Conversion to Injection

Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

07-30-2008

Recap: Check out Hurricane rig & equip, line up rental cav equip, move equip to loc & spot. Rig will move out tomorrow.

RCVD SEP 11 '08

OIL CONS. DIV.

DIST. 3

07-31-2008

Recap: Road rig from Hurricane yard to Rosa 240A, set rig ramp, spot rig on ramp, spot catwalk & pipe rack, spot rig pit & pump, unload DC's & DP to rack, raise derrick, RU surface equip.

08-01-2008

Recap: Finish rigging surface equip, NU BOPE, NU blooie lines, RU rig pump, set in air package & run air lines. RU floor tongs & equip. RU rig pump to csg valve, test 7" csg & blind rams to 1500 psi hold for 30min, good test no leak off. RU manifold, raise V-door, tally DC's & DP. Secure well & equip, SDFN.

08-02-2008

Recap: RU counter balances on manual tongs. Tally, PU, MU & RIW w/ 6 1/4" RR button bit, bit sub w/ float, eight 4-3/4" spiral DC's, X-over sub & 95 jts 2-7/8", 10.4# AOH DP. PU & RU 3.5 PS, tie back DL, RU pump & pit for DO. PU jts 96 & 97 tag cmt @ 3270', DO cmt to FC @ 3275', DO FC, DO 47' of cmt & DO 7" csg shoe @ 3323' Secure well & loc, SDFN.

14. I hereby certify that the foregoing is true and correct

Signed

Larry Higgins

Title Drilling C.O.M.

Date 9/3/08

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCD

SEP 09 2008

FARMINGTON FIELD OFFICE  
BY J. S. S. S.

**Page 2 – RU #240A**

08-03-2008

Recap: Start & service equipment. RIW tag @ 3323', Choquette Logging on loc, begin DO OH @ 3323', DO to 3541'. Circ BU @ 3541'. LD 6 jts DP, PU IC. Secure well & loc, SDFN.

08-04-2008

Recap: SICP 160 psi, bleed well down @ 2" line. PU 6 jts DP, RIW tag @ 3541', Choquette Logging on loc, break circ w/ prod coal wtr, begin DO OH @ 3541', DO to TD @ 3590'. Circ BU @ TD 3590'. RD & hang back PS, RU Basin WL & Scientific Drilling. RIW w/ GYRO on WL, survey well from surface to survey depth, deviation 21 degrees @ 3580', RD Basin WL. LD 9 jts DP, TOH & std back DC's & DP, break off bit. PU Knight UR, bit sub, 8 DC's, XO sub & 10 stds of DP. Secure well & loc, SDFN.

08-05-2008

Recap: SICP 740 psi, blow well down @ blooie line. TIH w/ UR, DC's & DP to 3330'. Est circ w/ 10 bph air-mist, w/ 1 gal foamer, 1/2gal shale treat, & 1/2 gal corrosion inhibitor per 20 bbl prod coal wtr, open UR arms @ 3330', begin UR 6-1/4" to 9-1/2". UR to TD @ 3590', pump 6 bbl sweep. Blow well dry w/ air. LD 9 jts DP, TOH w/ 41 stds of DP, air slips broke, unable to TOH. FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 354 mcf/d, Csg Psi = 5 ozs, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line. Secure well & equip, release air hand & FB hand FTN & SD.

08-06-2008

Recap: TOOH w/ 9.5" UR, B/O & L/O tools, MU 6.5" bit & B/S, TIH & set bit below 7" shoe, run 1 hr pressure test, surge f/ shoe w/ one 5 bbl pad & 12 bph a/s mist @ 1000 psi, surge well 6 times, rets = fine to 1/8" coal in size, wtr is mostly gray, follow each surge w/ a/s mist for 20 mins & NF well for 40 mins

08-07-2008

Recap: Energize surge f/ shoe @ 1000 psi w/ one 5 bbl pad & 12 bph a/s mist, SI well for 4 hr Nat BU, Psi = 260, rets = very light wtr & light 1/8" coal, PU 1 jt DP & tag @ 3375', break circ w/ 12 bph a/s mist & C/O 20' bridge, tag solid fill @ 3450', C/O 90' of fill to 3540', run 3 bbl sweeps, circ well clean, blow well dry, LD 6 jts DP & set bit @ 3350', FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 430, Csg Psi = 8.0 oz on pitot gauge, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, SI for Nat Surge f/ shoe, 4 hr SI = 900 psi, rets = light black wtr & light 1/8" coal, SI for 4 hr Nat Surge f/ shoe, 4 hr SI = 820 psi, rets = light black wtr w/ light to med 1/8" coal

08-08-2008

Recap: Nat surge f/ shoe, 2 hr SI = 600 psi, rets = let wtr & lt 1/8" coal, 4 hr nat BU = 750 psi, rets = same, TRVL to loc, HTGSM, spot in Yellow Dog pump & RU spray bar, PU 5 jts DP & tag fill @ 3505, break circ w/ 12 bph a/s mist & C/O fill to 3540', run sweeps & circ well clean, blow well dry, TOOH w/ 6 jts DP, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 492 mcf/d, Csg Psi = 10.0 oz on pitot gauge, Tbg Psi = 0, Gas Disposition = non flaring, choke size = 2" open line, SIW for 4 hr nat surge, do 2 tonight, 4 hr SI = 880 psi on 1st & 850 psi on 2nd, rets are good 1/8" coal & light wtr

08-09-2008

Recap: Mix up nat & energized surges all day, naturals have good pressure & are bringing good coal, mixing extra soap w/ energized surges to lighten the wtr that the well is making, rets on energized surges are bringing back appr 15 bbls more than we are pumping, flare is staying appr 20' in height, evap pit on NF, pit has dropped appr 18"

08-10-2008

Recap: Mix up Nat Surges & Energized Surges all day, rets = Med to Hvy wtr w/ light to med coal, after following w/ air well is running light to med coal at least 20 mins & as long as 1.5 hrs, try to evap pit when natural flowing, flare & psi has decreased as if coal is starting to get covered up

08-11-2008

Recap: Run two nat surges 4 hr SI = 590 psi & 550 psi, rets were hvy w/ wtr & light 1/8" coal, PU 1 jt DP & tag fill @ 3365', break circ w/ 12 bph a/s mist, C/O to 3414' & well was running light to med 1/8" coal, pump sweeps & work DP, finish C/O solid fill to 3540', run sweeps & circ clean, blow well dry, TOOH w/ 6 jts & set bit @ shoe, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 514 mcf/d, Csg Psi = 11.0 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2", Energize surge f/ shoe 5 times 1st two = 1000 psi w/ 5 bbl pad/ 10 bph, last 3 = 1200 psi w/ two 5 bbl pads, rets = ligh to med coal w/ lots of black wtr, follow each surge w/ air for 30 mins & NF for 30 mins

08-12-2008

Recap: Flow back energized surge, surge f/ shoe @ 1200 psi w/ two pads, rets = med 1/4" coal w/ black wtr, SI for 4 hr BU = 690 psi, rets = light 1/8" coal w/ med black wtr, PU 2 jts & tag @ 3414', break circ w/ 12 bph a/s mist, C/O to 3450', circ & run sweeps, well running 1/4" coal, C/O to 3508', run 3 bbl sweeps & work pipe, well is running coal, C/O to 3450', circ well clean & blow well dry, LD 6 jts DP, Energize surge well f/ shoe 4 times w/ light returns, last 2 surges well was trying to break @ 1050 psi, SI for 4 hr natural surge

08-13-2008

Recap: SI well for 4 hr nat surge twice 4 hr SI's = 700 psi, good coal & med black wtr, PU 1 jt tbg & tag fill @ 3382', CO to 3414', well is running light to med coal, run sweeps & work pipe, CO to 3540' (solid fill), well is running light 1/8" coal, run sweeps & circ well clean, blow WB dry, LD 6 jts DP & FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 600 mcf/d, Csg Psi = 15 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flaring, Choke Size = 2" open line, run two 4 hr nat surges, both = 750 psi, rets = light to med 1/8" coal & light wtr.

08-14-2008

Recap: Nat surge f/ shoe twice w/ good coal & wtr, PU 3 jts DP & tag fill @ 3450', break circ w/ 12 bph a/s mist, C/O 90' of solid fill to 3540', run sweeps & work pipe, circ well clean, blow wll bore dry & LD 6 jts DP, run three 4 hr natural surges w/ good returns, well is still making pretty good wtr, flare is appr 25' tall.

08-15-2008

Recap: SI for nat surge twice, rets = med to hvy coal on both surges, med black wtr, PU 3 jts DP & tag fill @ 3450', break circ w/ 12 bph a/s mist & C/O 90' of fill to 3540', run 3 bbl sweeps, well running light 1/8" coal, circ clean, bttm coal is a little tight, blow well dry, LD 6 jts DP, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 670 mcf/d, Csg Psi = 18 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flarring, Choke Size = 2" open line, run two 4 hr nat surges, @ 790 psi, rets = good coal & med gray wtr.

8-16-2008

Recap: Run five 4 hr nat surges w/ good pressures, rets = light to med fine coal, later surges started bringing back 1/2" to 1" coal in size, very light shale on rets, pump 5 bbl soap pad & SI for 2 hrs, rets = med to hvy 1/2" to 1 1/2" coal in size, follow w/ a/s mist & rets = med 1/2" coal, SI for 4 hr nat surge, 3 hr SI = 600 psi.

08-17-2008

Recap: Nat surge well 6 times w/ good coal, ( hvy @ times up to 1" in size ), extra hvy wtr towards the end of day, flare = appr 30'.

08-18-2008

Recap: Nat surge f/ shoe twice, both @ 750 psi, rets = light 1/8" coal & shale w/ med dark gray wtr, PU 2 jts DP & tag fill @ 3410', break circ w/ 12 bph a/s mist, C/O 130' of solid fill to 3540', run sweeps & work DP, rets = med to hvy fine coal to 1/8" in size, shale is 1/8" in size, ( 70/30 ), circ clean & blow well bore dry, LD 6 jts DP, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 600 mcf/d, Csg Psi = 15 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = wet, Gas Disposition = non flarring, Choke Size = 2" open line, all pitots were wet, run air only break over @ 1150 psi, rets = hvy dry fine coal w/ very light gray wtr, run 2 energize surges f/ shoe @ 1200 & 1300 psi w/ three 3bbl to 5 bbl pads & 10 bph a/s mist, rets = hvy coal fine to 1" in size & light to med shale, very hvy black slurry, follow w/ a/s mist to clean up csg, SI for 4 hr nat surge.

08-19-2008

Recap: SI well for two 4 hr naturals, rets = hvy 1/8" to 1" coal w/ thick black wtr, TIH w/ 6 jts DP & work on tight ledges, run 3 bbl sweeps & work pipe, C/O to 3540', circ well clean, TOO H & LD 6 jts on trailer, run two energized surges f/ shoe @ 1200 psi, 10 bph a/s mist & 3 / 5 bbl pads, rets = light fine & 1/8" coal w/ med gray wtr, SI for 4 hr nat surge, 4 hr SI = 630 psi, rets = same as above, energize surge @ 1300 psi & 1450 psi w/ 3 pads, rets = hvy 1" coal & extra hvy black wtr, follow both surges w/ a/s mist, SI well for 3 hr nat surge f/ shoe.

08-20-2008

Recap: Run two 3 hr nat surges, after 1st surge well acted bridged off, PU 1 jt DP @ tag bridge @ 3370', pump wtr & pressure csg, rotate thru bridge, rets = hvy 1/8" to 1" coal w/ appr 40 bbls wtr, follow w/ air, PU 2 jts DP & tag solid fill @ 3402', break circ w/ 12 bph a/s mist & C/O to 3475', well is running med coal & shale ( 60/40 ), work DP & run sweeps until clean, TIH & C/O to 3540', run sweeps & circ clean, blow on well w/ air only, TOO H w/ 6 jts & FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 690, Csg Psi = 20 oz, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flarring, Choke Size = 2" open line, run two 3 hr nat surges, 1st = 670 psi, rets = med coal & shale.

08-21-2008

Recap: Run two nat surges f/ shoe, 1st = 630 psi for 3 hr SI, 2nd = 700 psi w/ 4 hr SI, rets on both = light 1/8" coal & shale w/ med gray wtr, TIH & tg tight spot @ 3445', break circ w/ 10 bph a/s mist & work out tight spot, TIH & tag solid fill @ 3455', C/O to 3477' & well is running med 1/8" coal & shale, run 3 bblsweeps & C/O to 3540', run 3 bblsweeps & circ well clean, SD mist & blow on well bore for 2 hrs, LD 6 jt DP & nat surge well f/ shoe twice, 3 hr SI = 680 psi, rets = light coal & shale w/ med gray wtr.

08-22-2008

Recap: Run two nat surges f/ shoe w/ good returns, folow surges w/ air, PU DP & work on tight spots, tag fill to 3490', well is running med to hvy 1/8" coal & shale, work DP & pump sweeps, circ well clean, C/O to PBTD & run sweep, PU & set bit @ 3490', SD mist & blow on well for 3 hrs, run bucket test = 2.8 bph wtr, LD 5 jts & set bit @ shoe, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 799, Csg Psi = 27 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = Dry, Gas Disposition = non flarring, Choke Size = 2" open line, Nat surge f/ shoe.

08-23-2008

Recap: Nat surge f/ shoe twice, light 1/8" coal & shale w/ med gray wtr, follow surges w/ air, PU 2 jts DP & tag tight spot, break circ w/ 10 bph a/s mist, run sweeps & condition hole, C/O solid fill f/ 3470' to 3540', well is running light to med coal & shale @ 3490', run sweeps & work DP, circ well clean, blow well dry, run bucket test = 2.0 bph wtr, LD 6 jts DP, FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 830 mcf/d, Csg Psi = 30 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = dry, Gas Disposition = non flarring, Choke Size = 2" open line, Nat surge f/ shoe twice, rets = light coal & shale, follow surges w/ air.

08-24-2008

Recap: Nat surge well f/ shoe twice w/ light returns & med wtr, PU DP & tag tight spot @ 3410', break circ w/ 10 bph a/s mist, work on tight spot, run 3 bbl sweeps & circ clean, TIH & tag fill @ 3510', break circ & C/O to PBTD, run sweeps & circ well bore clean, SD mist & blow well dry, TOO H & set bit @ shoe, **FLOW TEST: Duration = 1 hr, Test Method = pitot, MCF/D = 870 mcf/d, Csg Psi = 32 oz on pitot gauge, Tbg Psi = 0 psi, Gas Type = Dry, Gas Disposition = non flarring, Choke Size = 2" open line, NF well & evap pit.**

08-25-2008

Recap: NF well & evap pit w/ 30' flare, well is flowing 1" wide stream, TIH w/ DP & work on tight spots & C/O appr 60' of fill to 3590', run sweeps & circ well clean, LD 8 jts DP & set bit @ shoe, prepare to run 5.5" liner in the A.M., unload 5.5" csg off of trailer & onto pipe rack & tally csg, NF well w/ appr 30' flare & flowing a very small stream.

08-26-2008

Recap: NF well w/ appr 25' flare, well flowing light wtr, PU 2 jts DP & tag tight spot @ 3410', break circ & work on tight spots & C/O to 3590', run 3 bbl sweeps & circ well clean, LD 8 jts DP, RD 3.5" P/S & TOO H w/ bit, stand collars back in derrick, RU SJC, tally, rabbit & MU csg shoe, **eight jts 5.5" N-**

80 csg, H-Latch & setting tool, RD SJC, TIH w/ 99 jts DP & tag @ 3410', RU 3.5" P/S, break circ w/ 10 bph a/s mist, work thru tight spots & rotate csg to 3590', J-off of liner, pull up 10' & pump 12 bbls produced wtr, RD 3.5" P/S & get it ready to move, ND #01 HCR valve so as to set pipe basket for DP, TOOH w/ 25 jts 2 7/8" DP, SIWFN.

08-27-2008

Recap: Spot in pipe basket & move 3.5" P/S, TOOH w/ 2 7/8" AOH DP, TIH w/ 4 3/4" DC's & come out laying down in singles, ND stripper head & NU WL pack off, RU Basin WL & **perforate 5.5" liner, bottom up @ SPF w/ 3 1/8", 5 total runs w/ 320 total shots, all shots fired, 80 total feet of perfs**, RD WL crew, NU stripper head, MU 1/2 M/S w/ Exp-Chk, tally, rabbit & TIH w/ 102 jts 2 7/8" tbg, work thru TOL @ 3222', SIWFN.

08-28-2008

Recap: SICP = 660 psi, blow well down, TIH w/ 12 jts tbg & tag @ 3586', pull 1 jt of tbg, pump 10 bbls wtr & drop standing valve, load tbg w/ wtr & Psi test tbg to 1000 psi, tested good, try to fish SV 3 times & could not stay latched on, TOOH w/ wet strg & B/O F-Nipple & recover SV, MU BHA, TIH w/ 105 jts 2 7/8" tbg, RU Specialty banding & run 191' of dyna coil on last 6 jts tbg, RD SB, **land well @ 3552' KB as follows, one 2.875"X 18' pup joint, one 2.875"X 8' tbg screen, one 2.28" F-Nipple, 111 jts 2.875", J-55, 6.5#, EUE 8rnd tbg, F-Nipple set @ 3526'**, RD rig floor, NDBOP stack & NUWH & test @ 3000 psi, tested good, pump out PO plug @ 1300 psi, flow well to pit to get air off well bore, SIWFN.

08-29-2008

Recap: HTGSM, SICP = 725 psi, finish NU WH & PU 1 1/4" insert pump & bucket test, **RIH w/ one 4'X1" gas anchor, one 1 1/4" insert pump, six Norris 3/4" X 1.5" sinker bars, fifty 3/4" Grade D non guided rods, Eighty three 3/4" Grade D guided rods ( 3 / rod ), one 8', one 6', one 4' & one 2' pony rod, one 3/4" Grade D rod, one 1 1/4" X 16' polish rod w/ 1 1/2" liner**, load tbg w/ produced wtr & try to Psi test, rig crew hooked radigan earlier & bent it a little & @ 100 psi started leaking, run over to AWS #204 & PU another radigan, install radigan, Psi test @ 500 psi w/ rig pump, stroke test w/ rig @ 500 psi, tests were good, RD rig & all surface equip, leave rig on ramp,

**ROSA UNIT #240A  
BASIN FRUITLAND COAL**

Surface Location:

1880' FSL and 895' FEL  
NW/4 SE/4 Sec 1 (J), T31N, R6W  
Rio Arriba, NM

Spud: 07/12/08

Completed: 08/29/08

1<sup>st</sup> Delivered 09/03/08

Bottom Hole Location:

1880' FSL and 2395' FWL  
NE/4 SW/4 Sec 1 (K), T31N, R6W  
Rio Arriba, NM

Elevation: 6358' GR

API # 30-039-30110

<u>Top</u>	MD	TVD
Ojo Alamo	2,627'	2,427'
Kirtland	2,783'	2,562'
Fruitland	3,239'	2,957'

One 4' X 1" gas anchor, one 1 1/4" insert pump, six Norris 3/4" X 1.5" sinker bars, fifty 3/4" Grade D non guided rods, Eighty three 3/4" Grade D guided rods, one 8', one 6', one 4' & one 2' pony rod, one 3/4" Grade D guided rod, one 1 1/4" X 16' Polished rod w/ 1 1/2" X 8' liner

0.54", 4SPF

320 holes total

3336' - 3346'

3382' - 3392'

3410' - 3430'

3451' - 3471'

3470' - 3490'

2-1/2" X 1-1/4" X 7' X 11' RHAC pump

7 jts 9-5/8", 36#, K-55, ST&C @ 332'.

71 jts 7", 23#, K-55, LT&C @ 3323'

Liner top @ 3222'

Prod tbg as follows, one 2.875"X 18' pup joint, one 2.875"X 8' tbg screen, one 2.28" F-Nipple, 111 jts 2.875", J-55, 6.5#, EUE 8rnd tbg, F-Nipple set @ 3526'

8 jts 5-1/2", 17#, N-80 @ 3222' - 3590'

Open hole from 6-1/4" to 9-1/2"  
from 3330' to 3590'

TD @ 3590' MD

Hole Size	Casing	Cement	Volume	Top of Cmt
12-1/4"	9-5/8", 36#	150 sxs	213 cu ft.	Surface
8-3/4"	7", 23#	510 sxs	1028 cu ft	Surface
6-1/4"	5-1/2", 17#	Did Not Cmt		