

UNITED STATES
DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICE AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE

RECEIVED

OCT 30 2007

Bureau of Land Management
Farmington Field Office

5 Lease Designation and Serial No.
NMSF-078769

6 If Indian, Allottee or Tribe Name

RCVD NOV 1 '07

7 If Unit or CA, Agreement Designation
OIL CONS. DIV.

8. Well Name and No
ROSA UNIT #146B

9. API Well No
30-039-29833

10. Field and Pool, or Exploratory Area
BLANCO MV/ BASIN DK

11. County or Parish, State
RIO ARRIBA, NM

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

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.)

13 Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work)*

09-12-2007 MIRU, NU BOPE, RU floor, secure well & SDON.

09-13-2007 SICIP=0, ND drlg spool & turn & NU, Sierra RU blooie line, press test 5 1/2", 17#, N-80 csg & blind rams to 1500 psi 30 min, no leak off, bleed off press, tally & PU 2 7/8", 6.5#, N-80 workstring & TIH to 4274', secure well & SDON.

09-14-2007 SICIP = 0, finish PU 2 7/8" workstring & TIH to 7978', RU PS, est rev circ w/ 2% Kcl, tag @ 8049', drill wiper plug & 46' of cmt to FC @ 8095', circ hole clean, press test pipe rams 1500 psi, bleed off press, RD PS, PU to 8043', secure well & SD for weekend.

09-18-2007 SICIP=0, RU BJ, press test 5 1/2" csg, pump not running right, can only get up to 2900 to 3100#, SD, press drop off, install valve in line to isolate pump, press back up to 2900#, isolate pump, press drop to 1600# in 30 min & level out, spot 250 gal 15% Hcl across DK formation, TOOH w/ 4 3/4" bit, RU WL, RIH & set 5 1/2" CIBP @ 8084', POOH, RU BJ to csg valve, load hole, SI frac valve, press test, press to 3090 psi @ 2 bpm, SD, press loss in 5 min=2200 psi, 10 min=2118#, 15 min=2055#, release WL, secure well & SDON.

Continued on Back

REPORT TOC ON 5 1/2" CSG ON NEXT REPORT = 4000'

FARMINGTON FIELD OFFICE
BY T. SANCHEZ

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

Signed

Tracy Ross

Title Sr. Production Analyst

Date October 23, 2007

(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 06

09-19-2007 SICP=0, Braden head press=1160#, TIH w/ 5 1/5" pkr & isolate csg leak below 8010', release pkr & TOOH, ND BOPE, NU frac-Y, RU WL, RIH & perf Dakota formation bottom up w/ 3 3/8" sfg, .34 dia holes, 10 grm chg, 120 degree phasing, 3 shots per interval from 7983' - 8072', total of 57 holes, RD WL, RU BJ, BD Dakota w/ 2% Kcl 26 bpm @ 3000#, ISDP=1800#, pump 24 bbls 15% Hcl w/ 100 bioball sealers 5 bpm @ 1800#, displace w/ 204 bbls 21 bpm @ 2775#, didn't balloff, final press 2889#, surge off balls & let dissolve 1 hr, frac Dakota w/ 1826 bbls slickwater & 9380# lt prop 108, flush w/ 185 bbls. 1st Stage Frac (Dakota) started @ 18:46, ended @ 19:30, AIR = 48.8 bpm, MIR = 51 bpm, ATP = 4059 psi, MTP = 4923 psi, ISIP = 3270 psi, 5 min = 3041 psi, 10 min = 2932 psi, 15 min = 2800 psi. Open well to pit on 1/8" choke.

09-20-2007 Flow well on 1/8" choke, 01:00=850#, 06:00=80#, 07:30=0, ND frac-Y, NU BOPE, TIH to 4036', unload fluid @ 6000' & 7871', blow w/ air until 15:00, unload est 125 bbls, turn over to FB hand, flow Dakota on blooie line, very lt gas, no water or sand.

09-21-2007 NF well on blooie line overnight, very lt gas, no water or sand, TIH from 7871' to 8075', unload water off Dakota w/ air, 6 bph water, total fluid recovered in 24 hr=42 bbls, total bbls recovered=167, bypass air, PU to 7871', turn well over to FB hand, NF on blooie line, med gas, 15' flare, no water or sand.

09-22-2007 NF Dakota on blooie line, med gas, 15' flare, no water or sand, flare went out @ 04:30, 07:00-10:00 est circ w/ air, unloaded est 50 bbls water, bucket test=6 bph water, bypass air, NF Dakota on blooie line 2 hr, no water or sand, 12:00-15:00 est circ w/ air, unloaded est 25 bbls water, bucket test=6 bph water, 15:00-24:00 NF Dakota on blooie line, no water or sand, 15' flare, est fluid recovered in 24 hr=111 bbls, est total fluid recovered=278 bbls.

09-23-2007 NF Dakota on blooie line, med gas, 10 - 15' flare, not water or sand.

09-24-2007 NF Dakota overnight, 10' flare, no water, no sand, TIH from 7871', CO 15' fill to 8085', ret's lt sand, shale 1/8", TOOH w/ bit, RU WL, RIH & set 5 1/2" CIBP @ 6070', POOH, load hole w/ rig pump & test to 2000#, bleed off press, secure well & SDON.

09-25-2007 RIH w/ perf gun & get on depth, press csg to 2000 psi, perf PLO bottom up w/ 3 1/8" sfg, .34 dia holes, 10 grm chg, 1 shot per interval from 5770' - 6008', total of 42 holes, secure well & SDON.

09-27-2007 RU BJ, test lines 4500#, BD PLO 32 bpm @ 1550#, ISDP=118#, 24 bbls 15% Hcl & 70 ballsealers, flush w/ 151 bbls, MTP=3585', no balloff, retrv 60 balls w/ 31 hits, slickwater frac PLO 80 bpm @ 3200#, 238 bbl pad, 1628 bbls w/ 10140# 14/30 lt prop @ .1, .2, .3 ppg, 72 bbls w/ 3220# 20/40 brown sand, 134 bbls flush. 2nd Stage Frac (PLO) started @ 11:00, ended @ 11:27, AIR=82, MIR=82, ATP=3068 psi, MTP=3382 psi, ISDP=130 psi, 5 min=0. WLS 5 1/2" CIBP @ 5700' & test to 3500 psi, bleed off press, RIH & perf CH/Menefee w/ 2000# press bottom up, 3 1/8" sfg, .34 dia holes, 1 shot per interval from 5278' - 5610', total of 50 holes, BD CH/Menefee 30 bpm @ 1576#, pump 24 bbls 15% Hcl w/ 70 ballsealers, final press=3387#, no balloff, retrv balls, RD WL, frac CH/Menefee w/ slickwater, 238 bbl pad, 1640 bbls w/ 10140# 14/30 lt prop @ .1, .2, .3 ppg, 99 bbls w/ 3220# 20/40 brown sand @ 1 ppg, 122 bbls flush. 3rd Stage Frac (CH/Men) started @ 14:36, ended @ 15:00, AIR=91, MIR=91, ATP=3292#, MTP=3467#, ISDP=443#, 5 min=376#, 10 min=351#, 15 min=334#. RD BJ, ND frac-Y, NU BOPE, TIH w/ 4 3/4" junk mill to 3900', unload water off CH/Menefee w/air 3 hr, bypass air, turn well over to FB hand, est total water recovered=428 bbls.

09-28-2007 NF CH/Menefee overnight, TIH from 3900', CO to CIBP @ 5700', w/ 8 bph mist, 35' of fill, DO 5 1/2" CIBP @ 5700', unload water off PLO, push plug below PLO to 6040', PU to 5082', turn over to FB hand, NF PLO & CH/Menefee on blooie line, water recovered in 24 hr = 345 bbls, total fluid recovered = 773 bbls.

09-29-2007 NF PLO & CH/Menefee overnight, TIH from 5082' to 6020', RU PS, est circ w/ 10 bph mist, CO to 6040', 5' of fill, circ clean, bypass mist, circ air only & unload water 9 hr, bypass air, PU to 5082', turn over to FB hand, NF PLO & CH/Menefee on blooie line, 24 hr recovery = 198 bbls, total fluid recovered = 971 bbls.

09-30-2007 NF PLO & CH/Menefee on blooie line, 3 bph water, no sand, med gas, est 20 to 25' flare, after 12 hrs ret's slowed to 1 bph, no sand, cont flowing well.

10-01-2007 NF PLO & CH/MEN overnight, TIH f/5082', c/o 30' of fill to CIBP @ 6075', drill out CIBP & push to 8032', PU to 5082', turn well over to FB hand, NF DK & MV on blooie line.

10-02-2007 NF DK & MV overnight, 2 bph water, no sand, med gas, TIH f/5082', tag @ 8032', c/o to 8050' w/ 12 bph mist, circ poor, cut mist to 8 bph, not able to circ fill out, bypass mist, circ air only & unload water 2.5 hr, bucket test=2.5 bph, bypass air, PU to 5082', NF DK & MV, 2 bph water, no sand, med gas

10-03-2007 NF DK & MV on blooie line overnight, TIH f/ 5082' to 8032', RU PS, est circ w/ 6 bph mist, good returns, increase to 10 bph, good returns, st drilling remainder of plug on top of fill, slowly lost returns, unable to make any hole, bypass air, TOOH & insp mill, no cut right on mill, TIH w/ 5 stds, turn well over to FB hand, NF DK & MV on blooie line, med gas, 2 bph water, no sand, flare gas & evap pit

10-04-2007 NF DK & MV overnight, 1 to 2 bph water, med gas, no sand, TIH w/ new 4 3/4" junk mill, tag @ 8025', mill 1 hr, traveled 30' to 8055', made 6" to 1' in 2 hr, bypass air, TOOH & insp mill, wear pattern from center to outer edge, turn well over to FB hand, NF well on blooie line.

10-05-2007 NF well overnight, 1.5 bph water, no sand, TIH to 8040' w/ 4 3/4" concave mill & boot basket to 8040', RU PS, mill on junk @ 8060' 2.75 hr, didn't make any hole, got stuck, work pipe free .75 hr, bypass mist, dry up WB, TOOH to 640', flare well, turn well over to FB hand, NF DK & MV on blooie line, 1.5 bph water, no sand.

10-06-2007 NF well on blooie line overnight, med gas, 1.5 bph water, no sand, TOOH w/ 4 3/4" concave mill, had same wear pattern as junk mill, grooves from center out, TIH w/ 4 3/4" wash-over shoe & jar to 8025', est circ w/ 12 bph mist, milling @ 8060' for 3 hr, not making any hole, dry up WB, turn well over to FB hand.

10-07-2007 NF well overnight on blooie line, TIH from 5227' to 8060', no fill, TOOH LD 2 7/8" work string, WLS 5.5" X 2.688" bore w/ 5' seal bore ext, change over to run 2 1/16" tbg, turn well over to FB hand, flow well on 2" line.

10-08-2007 NF well on 2" overnight, tally & PU DK prod tbg & TIH, land 254 jts 2-1/16", 3.25#, J-55 tbg @ 8033' as follows: 1/2 muleshoe, pup jt, 1.50" SM @ 8029', 61 jts tbg, 2.688" seal assembly in perm pkr @ 6114', 192 jts tbg, 2', 6', 8' & 10' pup jts & 1 jt tbg. DK perfs @ 7983' – 8072'.

10-09-2007 SITP=0, SICP=550#, BD on 2", continue PU short string, land 190 jts 2-1/16", 3.25#, J-55 tbg @ 6013' as follows: orange peeled perf sub, 1.50" SN @ 6008', 190 jts tbg. MV perfs @ 5278' – 6008', pump out plugs on DK & MV tbg strings, flow up tbg to pit, plugs pumped out, RD, release rig @ 1830 hrs, 10/9/07. Turn well to production department.