

In Lieu of
Form 3160
(June 1990)

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 NOV 05 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

5 Lease Designation and Serial No.
NMSF-078769

6 If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7 If Unit or CA, Agreement Designation
Rosa Unit

1. Type of Well
Oil Well Gas Well ☒ Other

8 Well Name and No.
Rosa Unit #187C

2. Name of Operator
WILLIAMS PRODUCTION COMPANY

9 API Well No
30-039-30185

3. Address and Telephone No
PO Box 640 Aztec, NM 87410-0640

10 Field and Pool, or Exploratory Area
BASIN MANCOS

4 Location of Well (Footage, Sec , T., R , M , or Survey Description)
Surface - 1090' FSL & 1145 FWL / BHL - 1724' FSL & 922' FWL, Sec. 21, T31, R5 NMPM

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	Abandonment
<input checked="" type="checkbox"/> Subsequent Report	Recompletion
Final Abandonment	Plugging Back
	Casing Repair
	Altering Casing
	<input checked="" type="checkbox"/> Other <u>Mancos Completion</u>
	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.)*

09-24-2008

Recap: KEY RIG #24 - Load out all surface equip, wait on roustabouts to move production equip off of Rosa #187C, move rig & equipment to loc, help roustabout crew tear down production equip, spot in rig ramp & spot rig in on ramp, RU rig over well, SICP = 1850 psi, SITP = 450 psi, blow well down, NDWH, NU frac valve, NUBOP stack, RU rig floor & all handling tools, field test BOP's, install TIW & SDFN.

09-25-2008

Recap SICP = 1500 psi, blow well down, TOO H w/ tbg, pulling 72,000 lbs, 20,000 lbs over SW, LD 52 jts, while changing out stripper rubber it rolled off the floor & struck one of the hands in the back, SD check on hand, call for Key safety man to take him in, finish TOO H w/ tbg & LD on float, RU BWWC, ND stripper head & NU WL packoff, WL set 5.5" 10K CIBP @ 8380', POOH & load well w/ 185 bbls 4% KCL, psi test plug to 1200 psi w/ no leak off, bleed well down, mix cmt on loc & load dump bailer, RIH w/ 40' DB & dump cmt on top of plug, POOH & SDFN.

09-26-2008

Recap Psi test lines & psi test plug to 6000 psi, tested good, RIH w/ 3 3/8" SFG to perforate Mancos 1st stage & gun misfired after 1st shot, POOH & repair gun, perforate GH & Mancos 1st stage bottom up 3 SPF, .34" Dia, 21" Pen & 10 Gm Chgs, 8065' - 8210', all shots fired, run DFIT test, BJ Services will send detailed report to Williams, RD BJ Services, RD rig & surface equipment, prepare to move to Rosa #5C.

RCVD NOV 13 '08
OIL CONS. DIV.

14 I hereby certify that the foregoing is true and correct

DIST. 3

Signed

Larry Higgins

Title Drilling C O M.

Date 11-5-08

(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

ACCEPTED FOR RECORD

NMOCD

NOV 10 2008

FARMINGTON FIELD OFFICE
BY T. Salazar

Page 2 – RU #187C Mancos

09-28-2008

Recap: TRIPLE P RIG #6 - RU mast truck & WL truck to WH, build 45' X 80 grain strip charges & W/O Micro Seismic to contact us & let us know when they are ready, RIH w/ three 45'x80' grain strip charges, 1st shot f/ 8321' - 8366', 2nd shot f/ 6675' - 6720', 3rd shot f/ 4641' - 4686', 4th shot is 40'x80 grain' & shot f/ 3545' - 3585', set of cap @ surface to test surface phones, RD WL & SDFN.

09-29-2008

Recap. RU BJ Services, psi test lines @ 6000 psi, BD Mancos 1st stage @ 3812 psi, pump 2000 gals 15% HCL acid, 2000 gals CL gel, frac 1st stage w/ 7500 lbs 100 mesh WS @ .25, .25 & .50 ppg, followed w/ 56,324 lbs 40/70 WS @ .50, .75 & @ 1.0 ppg well screened off, flush w/ 261 bbls 4% KCL wtr, MTP = 5970 psi, ATP = 4216 psi, MTR = 30 bpm, ATR = 22.1 bpm, total FW = 2592 bbls, RIH w/ junk basket to 8050', POOH & RIH & WL set 5.5" 10K CBP @ 8035', Psi test plug to 6000 psi, perf Mancos 2nd stage bottom up 3 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Gm Chgs, 11 locations, 7925' - 8025', w/ 33 holes, all shots fired, try to BD Mancos 2nd & could not get it to break, WL set 5.5" CBP @ 7840', POOH w/ guts f/ plug still on setting tool, WL set new plug @ 7800', Psi test plug @ 6000 psi, perf 3rd stage bottom up @ 3 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen, 10 Gm Chgs, 12 locations, 7650' - 7780', w/ 36 total shots, all shots fired, BD Mancos 3rd stage @ 3580 psi, pump 2000 gals 15% HCL acid & 2000 gals CL gel, frac Mancos 3rd w/ 7500 lbs 100 mesh WS @ .25, .25 & .50 ppg, followed w/ 119,279 lbs 40/70 WS @ .50, .75, 1.0 & 1.25 ppg, prop carried in slick wtr, MIR = 31 bpm, AIR = 31 bpm, MTP = 3213 psi, ATP = 3008 psi, total wtr to recover = 3801 bbls, total FRW-14 = 157 gals, SDFN.

09-30-2008

Recap: Repair WL pack off, WL set 5.5" CBP @ 7610', RIH w/ 60' of 80 grain PC on 20' strip & shoot to calibrate seismic monitors, Psi test plug @ 6000 psi, perf 4th stage bottom up 3 SPF @ 120 degree phazing w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 gm Chgs, 12 loc, 7410' - 7562', w/ 36 holes, BD Mancos 4th @ 2563 psi, pump 2000 gals 15% HCL acid, 2000 gals CL gel, Frac 4th w/ 9500 lbs 100 mesh WS @ .25, .25 & .50 ppg, followed w/ 125,159 lbs of 40/70 WS @ .50, .75, 1.0 & 1.25 ppg, prop carried in slick wtr, MIR = 32 bpm, AIR = 23 bpm, MTP = 3795 psi, ATP = 2884 psi, ISIP = 2205 psi, 5 min = 2067 psi, 10 min = 2051 psi, 15 min = 2009 psi, total wtr to recover = 4384 bbls, total FRW-14 = 159 gals, RU WL lubricator to run in w/ 5.5" CBP, equalize pressure thru frac valve & could not go down, pull off lubricator & found plug had set in lubricator, work on getting plug out, send BJ to the house, SDFN.

10-01-2008

Recap: RIH w/ junk basket to 7430', POOH w/ & inspect for trash, RIH & WL set 5.5" 10K CBP @ 7395', setting tool either did not sheer off plug or we are stuck in sand, contact Engineer for next step, pull out of rope socket, Psi test plug @ 6000 psi, Swap out leaking frac valve w/ new one, Psi test WH frac equip, perf Mancos 5th stage bottom up f/ 7335' to 7375', 3SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Gm Chgs, 9 loc w/ 27 holes, BD Mancos 5th @ 3297 psi, pump 2000 gals 15% HCL, 2000 gals CL gel, frac 5th w/ 7800 lbs 100 mesh WS @ .25, .25 & .50 ppg, followed w/ 88622 lbs 40/70 WS @ .50, .75 & 1.0 ppg, pressure started climbing @ end of 1.0 ppg stage, pump a 300 bbl sweep & try 1.25 ppg sand but pressure would not allow, flush well bore clean, MIR = 32 bpm, AIR = 27 bpm, MTP = 4595 psi, ATP = 3455 psi, ISIP = 2297 psi, 15 min = 1627 psi, total wtr to recover = 3590 bbls, total FRW-14 = 133 gals, WL set 5.5" RTB @ 7250', Psi test @ 6000 psi, tested good, Perf Mancos 6th, bottom up f/ 7083' to 7155', 3 SPF w/ 3 3/8" SFG, .34" Dia, 21" Pen & 10 Gm Chgs, 11 loc w/ 33 holes, all shots fired, BD Mancos 6th @ 2200 psi, est rate of 10 bpm @ 2190 psi, ISIP = 1667, SIWFN & fuel frac trucks for A M frac.

10-02-2008

Recap: Psi test lines @ 6000 psi, BD Mancos 6th stage @ 2261 psi, pump 2000 gals 15% HCL acid, 12 bbl pad, 2000 gals CL gel, Frac Mancos 6th w/ 3200 lbs 100 mesh WS @ .25, .25 ppg, followed w/ 133,176 lbs 40/70 WS @ .50, .50, .75, 1.0, & 1.25 ppg, prop carried in slick wtr, MTP = 3202 psi, ATP = 2504 psi, MIR = 32 bpm, AIR = 28.2 bpm, ISIP = 1733 psi, 5 min Si = 1602 psi, 10 min = 1576 psi, 15 min = 1553 psi, total wtr to recover = 3914 bbls, total FRW-14 = 164 gals, RD BJ Services & BJ Coil tbg, SICP = 1300 psi, flow well to FB tank on 8/64" choke, record FB data.

10-03-2008

Recap: Flow well on 8/64" choke to FB tank & record FB data, TRVL to Rosa #347A, HTGSM, load out equip & move rig to loc, spot in ramp & surface equip, RU rig over well, RU pump, pit & hardline, turn well over to FB crew, flow well on 12/64" choke & @ 19:00 swap to 16/64" choke to FB tank & record FB tank

10-04-2008

Recap: Flow well to FB tank on 16/64" choke, @ 12 00 try to flow thru 3 stage test separator & start recording gas, separator is foaming up & foam is getting into meter tube & not recording differential correctly, put well back to FB tank on 16/64" choke & let well clean up some more.

10-05-2008

Recap: Flow well to FB tank on 16/64" choke & record data, work on separator & found dumps were installed backwards, repair separator & start flowing thru it, record FB data.

10-06-2008

Recap. Flow well thru 3 stage test separator on 16/64" choke, TRVL to location & hold tailgate safety mtg, ND frac Y & NU BOP stack, RU rig floor & prepare to run tbg if well allows, flow well thru 3 stage test separator on 16/64" choke.

10-07-2008

Recap. Flow well thru 3 stage test separator & record FB data.

10-08-2008

Recap. Flow well thru 3 stage test separator on 32/64" choke, record FB data, contact Engineer & discuss tripping in well to retrieve 5 5" RBP, chose to bring in snubbing unit for safety, put well on 16/64" choke & record FB data.

10-09-2008

Recap. Flow well thru 3 stage test separator on 32/64" choke, record FB data, contact Engineer & discuss tripping in well to retrieve 5.5" RBP, chose to bring in snubbing unit for safety, put well on 16/64" choke & record FB data.

10-10-2008

Recap: Flow well thru 3 stage separator on 16/64" choke, record FB data, Great White is traveling tomorrow w/ snubbing unit.

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10-11-2008

Recap: Flow well thru 3 ph sep while performing rig operations, RU Great White snubbing unit, snub in 25 jts of 2 7/8" N-80 until heavy, continue RIH w/100 jts 2 7/8" N-80, very windy conditions caused slow running of tbg due to blocks swinging in derrick, secure tbg in pipe rams, continue flowing thru separator overnight.

10-12-2008

Recap: Flow well thru 3 ph separator, Test circulation w/air on tbg string @ 4080' OK, Continue TIH to tag fill @ 7123', 95' of fill over RBP @ 7250', attempt to circulate hole w/air & fluid, no success, tbg string plugged, very rusty work string tbg, even though every jt was rabbited and loose rust removed, TOO H w/20 jts of tbg, turn over to flowback for night, will TOO H tomorrow and replace tbg string.

10-13-2008

Recap: Flow well thru test separator while pulling & laying down all 2 7/8" string, snubbed out last 8 jts & retrieving head, RD rig & move off ramp to prep for higher ramp. Currently using 12" ramp, will swap out for 36" ramp to allow for tripping pipe in doubles.

10-14-2008

Recap: Flow well thru 3ph separator, move out 1' rig ramp & replace w/3' ramp, RU rig on ramp, RU floor in derrick @ snub unit height, RU tongs for running 2 7/8" tbg tomorrow. The new 2 7/8" string from Tuboscope had a 33' avg per jt which would not have allowed pulling stands with this derrick and snubbing unit height, ordered out work string from Knight Oil Tools which has a 30.5' avg allowing enough room in derrick to work stands.

10-15-2008

Recap: Well flow thru 3 phase separator over night, crew on loc. 07:30, PJSM, tbg on loc. @ 08:30, spot in tbg, tally and PU 2 7/8" 6.5# N-80 tbg, Great White snub in retrv. Head and 20 jts, continue PU pipe and TIH, pumped 12 bbls water down tbg @ 2000' to flush it out and @ 4000', move empty float and spot in float w/ tbg, continue to tally and PU tbg, 168 jts in hole, retrv head @ 5339', secure tbg w/ TIW valve, SI pipe rams and lock, turn well over to FB crew, flow well thru 3 phase separator over night.

10-16-2008

Recap: Flow well thru 3 phase separator over night, crew on loc. 07:30, PJSM, continue to PU 2 7/8" tbg and TIH w/ Retr. Head, tag fill @ 7115', open well on 2" to FB tank, est. circ. w/ 12 bph mist, c/o sand to RBP @ 7256', circ. Clean, latch onto RBP and equalize for 1.5 hr, install short bales on blocks, TOO H w/ RBP, snub out last jt w/ RBP, breakout tools and load, release crew, turn well over to FB crew, flow Mancos perms 7083'-7158', 7335'-7375' thru 3 phase separator over night.

10-17-2008

Recap: Well flow thru 3 phase separator over night, PJSM w/ crew and snubbers, crew adjust brakes on draw works (1 hr), start snubbing 1/2 MS and 1 jt 2 7/8 tbg in hole, made up stand, unable to snub it down, tagging solid, POOH, inspect bag and stack, made several more attempts, tag in same spot, MU 12' pup jt on bottom of single, cplg got to bag and stopped, POOH, Snubbers had to replace bag, snub in 10 stands (heavy), continue TIH w/ 2 7/8" tbg and 1/2 MS to 6951' (219 jts), secure tbg w/ TIW valve, secure pipe rams, turn well over to FB crew, flow well thru 3 phase separator.

10-18-2008

Recap: Rig SD today, crew had to attend safety classes, flow well on 32/64 choke and flare gas.

10-19-2008

Recap: Well flow on 32/64 choke thru 3 phase separator over night, crew on loc. 07.30, PJSM, TIH f/ 6951', tag fill @ 7371', PU 10', circ. Gas out of well bore w/ prod. Water and kill well, circ. To rig pit and C/O 10' of fill to 7381' top of fish, circ. Hole clean, TOO H, circ. hole w/ prod water every 10 stands on TOO H, PU 4 1/2" shoe, 1 jt 4 1/2" wash pipe, top sub w/ float, 3 1/2" jar, 4 - 3 1/2" DC's, X - O and TIH, install guides and travelers, TIH w/ 112 jts 2 7/8" tbg, shoe @ 7374', circ. hole w/ prod water, SI well over night, FB hands stayed on loc overnight.

10-20-2008

Recap: Well SI over night, hold PJSM w/ crew, SITP=0, SICP=0, break circ. @ 3734' w/ rig pump, continue TIH w/ 2 7/8" tbg and BHA to 7338', RU PS, not enough room to PU singles w/ snubbing unit on hole, notify engineer, RD PS, pull 5 stands, RD floor and snubbing unit, NU stripping head, RU floor and tongs, pull landing hanger, TIH to 7345', RU PS, est. circ. w/ rig pump, wash down to 7378', fluid gas cut, circ. hole till gas out, LD 1 jt, RD PS, pull 10 stands, 4 1/2" WP shoe @ 6713', secure well, SDFN.

10-21-2008

Recap: Well SI overnight, PJSM w/ crew, SITP=0, SICP=0, TIH f/ 6713' to 7338', RU PS, est. circ. w/ rig pump, 3 bpm 400 psi, wash over fish 7377' to 7388', pump press increase to 650 psi, circ. Hole 1 5 hr, got some rubber back, probably off bag f/ snubbing unit, SD pump, LD 1 jt, RD PS, load hole every 10 stands on TOO H, (string hanging up on trip out), hung up same spot stand #25, circ. hole, had to jar loose by dropping and catching string, cont. TOO H, stand back DC's, LD 1 jt wash pipe (gouges in OD of shoe), MU 4 1/2" OD OS w/ 3 1/8" grapple and TIH w/ BS, jars, 4 - 3 1/8" DC's, accelerator and 104 stands 2 7/8" tbg, circ. every 20 stands on TIH, OS @ 6753', secure well, SDFN.

10-22-2008

Recap: Well SI over night, PJSM w/ crew, SITP=0, SICP=0, TIH f/ 6753' to 7325', RU PS, circ. w/ rig pump 3 bpm 450 psi down to FT @ 7377', latched onto fish, pump press increased to 2500 psi, SD pump, PU on fish, pulled to 75k, string weight dropped back to 50K, PU 20', start pump, press to 1500 psi, SD pump, LD 2 jts, pulling wet pipe, load hole down csg every 10 stands on trip out, recovered weight bar, setting tool w/ sleeve, crew ate lunch, BO fishing tools and LD DC's, TIH w/ 4 3/4" hurricane mill and 2 7/8" tbg, unload hole w/ air @ 3182', continue TIH to 6731', unable to unload hole, PU to 5470', unload hole w/ air, .5 hr to unload, blowed for 1.5 hr, bypass air, rel. air hand and rig crew, turn well over to FB hands, flowing on 40/64 choke.

10-23-2008

Recap: Well flowing on 40/64 choke over night, PJSM w/ crew, TIH f/ 5470', rig broke down, wait on mechanic, well flowing, rig repair 7.5 hr, TIH to 7302', RU PS and PU singles, tag @ 7365', est. circ. w/ 12 bph mist 1000 psi, c/o 30' of fill to CBP @ 7390', drill 1' off BP, got 800# increase on stand pipe gauge, PU and let press drop to 1350#, drill remainder of CBP, bypass air and PU singles, tag @ 7537', RD PS, LD 6 jts, pull 9 stands, mill @ 6731', secure pipe rams, rel. rig crew and air hand, turn well over to FB crew, flow on 30/64 choke to tank.

Page 4 – RU #187C Mancos

10-24-2008

Recap: Well flowing to tank on 30/64 choke, open choke to 48/64 @ 07:00, PJSM w/ crew, TIH f/ 6731' to 7522', RU PS, est. circ. w/ 12 bph mist, packing on PS leaking, got it down, tighten packing, stopped leaking, c/o to CBP @ 7603', drill out CBP @ 7603', seen 140 psi increase on stand pipe press., c/o to 7618', packing leaking real bad, unable to tighten any more, bypass air, LD 2 jts, RD PS, pull above perfs, replace packing on PS, get rig over hole, secure tbg and pipe rams, rel. crew, turn well over to FB hands, flowing to tank on 32/64 choke, (cleaned out on 48/64 choke, 32 choke is too much back press, stripping rubber wont handle but about 800 psi)

10-25-2008

Recap: well flow on 32/64 choke to tank over night, PJSM w/ rig crew and FB crew, TIH f/ above perfs to 7554', RU PS, est. circ. w/ 12 bph mist, c/o to plug @ 7792', drill up plug @ 7792', got 600 psi increase on stand pipe, press never dropped, drill on plug @ 7837', drill off top, got 600 psi increase, press on stand pipe went to 1800 psi, blew out packing on 2.5 PS, bypass air, kill tbg w/ water, got stuck, work pipe free, LD 7 jts, RD PS, PU tp 6985', secure tbg and pipe rams, rams leaking by, unable to get them to seal off, turn well over to FB hands.

10-26-2008

Recap: well flow to tank on 32 choke over night, PJSM w/ crew, get 3.5 PS ready, TIH to 7744', est. circ. w/ 12 bph mist, tbg press to 1600 psi, bypass air, pull up to string float, broke press. Relief tool trying to open flapper on string float, Great White, PU one f/ Baker and bring to loc., got press relieved f/ below string float, pulled 12 stands, attempt to pump thru tbg w/air, press. up again, bypass air, TOO H w/ 70 stands, secure pipe rams and tbg, flow well to tank on 32 choke over night.

10-27-2008

Recap: well flow to tank on 32 choke, PJSM w/ crew and snubbers, land tbg on pipe rams, RD floor, RU snubbing unit, RU floor, pull landing sub, TOO H w/ 2 7/8" tbg, snub last 12 jts, jt above BS and BS plugged w/ real fine black powder, unable to c/o BS, travel to rig 656 and borrow BS, snub in 4 3/4" Hurricane mill, BS and 2 7/8" tbg till heavy, RD floor, RD snubbers, NU stripping head, TIH to 6890', secure tbg and pipe rams, FB crew flow to tank on 32 choke.

10-28-2008

Recap: well flow to tank on 32 choke over night, PJSM s/ crew, TIH f/ 6890' to 7649', RU 3.5 PS, est. circ. w/ 12 bph mist @ 7744', circ down to 7831', drill remainder of plug @ 7831', tbg st to press up slowly, press to 1700 psi, bypass air, noticed flow to tank not as strong, 2" plug vlv coming off csg vlv had junk stuck in it, est circ w/ 12 bph mist, circ @ 900 psi, PU singles and c/o to CBP @ 8035', drill CBP @ 8031', c/o to 8252', circ bottoms up, bypass air, LD 3 jts, RD PS, pull above perfs, secure tbg and pipe rams, turn well over to FB crew, flow thru separator on 32/ 64 choke, flare gas.

10-29-2008

Recap: Well flow thru separator on 32 choke over night, PJSM w/ crew, TIH f/ above perfs to 8220', RU 3.5 PS, est. circ. w/ 12 bph mist, c/o f/ 8251' to 8315', circ. w/ 12 bph mist 1.5 hr, bypass air, RD 3.5 PS, TOO H LD 140 jts 2 7/8" workstring, RD 3.5 PS, secure tbg and pipe rams, FB crew flow well thru separator on 32 choke.

10-30-2008

Recap: flow thru separator on 32 choke over night, PJSM w/ crew and snubbers, LD 84 jts 2 7/8" work string, RD floor, RU snubbers, RU floor, LD 50 jts work string, tally and PU 2 7/8" prod. Tbg, 43 jts in hole, pipe heavy, land tbg on pipe rams, RD floor and snubbers, RU floor, continue PU tbg, 70 jts in hole, secure tbg and pipe rams, turn well over to FB crew, flow thru separator on 32 choke.

10-31-2008

Recap: well flow thru separator on 32 choke over night, **FLOW TEST: Tbg press:0, Cas press: 230#, Duration: 10 hr, Choke Size: 32/64", Method: Orifice, Flow: 1220 mcf.** PJSM w/ crew, continue to PU 2 7/8" prod tbg., 244 jts in hole, wait on Antelope coming off another job, land 2 7/8" 6.5# J-55 eue tbg top down w/ KB corr: tbg hanger, 243 jts, 2.28" SN @ 7993', 1 jt, 1/2 muleshoe @ 8027', Mancos perfs 7083' to 8210', c/o to 8315', CIBP above DK @ 8380', DK perfs 8415' to 8523', CIBP @ 8380' will be drilled out @ later date, RD unit, notify Matt Lane well ready for prod

This report for Mancos completion only – Dakota completion reported earlier – Plans are to complete mesa Verde next spring