

Submit To Appropriate District Office  
 State Lease - 6 copies **5**  
 Fee Lease - 8 copies **4**  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 District II  
 1301 W. Grand Avenue, Artesia, NM 88210  
 District III  
 1000 Rio Brazos Rd., Aztec, NM 87410  
 District IV  
 1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
 Energy, Minerals and Natural Resources

Form C-105  
 Revised June 10, 2003

Oil Conservation Division  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

WELL API NO.  
 30-045-20113  
 5. Indicate Type of Lease  
 STATE  FEE   
 State Oil & Gas Lease No. **E-5384**

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:  
 OIL WELL  GAS WELL  DRY  OTHER   
 b. Type of Completion:  
 NEW  WORK  DEEPEN  PLUG  DIFF.   
 WELL OVER BACK REPAIR

7. Lease Name or Unit Agreement Name  
 State Com AL

2. Name of Operator  
 ConocoPhillips Co.

8. Well No.  
 36

3. Address of Operator  
 P.O. Box 2197, WL3-6085 Houston, Tx 77252

9. Pool name or Wildcat  
 Blanco Mesaverde

4. Well Location  
 Unit Letter **O** : **820** Feet From The **South** Line and **1800** Feet From The **East** Line  
 Section **32** Township **31N** Range **8W** NMPM **San Juan** County

10. Date Spudded **07/18/1967** 11. Date T.D. Reached **07/29/1967** 12. Date Compl. (Ready to Prod.) **10/01/2005** 13. Elevations (DF& RKB, RT, GR, etc.) **6303'GR** 14. Elev. Casinghead

15. Total Depth **7755** 16. Plug Back T.D. **5590** 17. If Multiple Compl. How Many Zones? **0** 18. Intervals Drilled By **X** Rotary Tools Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name **Blanco Mesaverde 4981' - 5473'** 20. Was Directional Survey Made **No**

21. Type Electric and Other Logs Run **None** 22. Was Well Cored **No**

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10.75	32.75	332	15	240	
7.625 J-55	26.4	3456	9.625	930	
4.5 J-55	10.5	7753	6.75	800	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2.375	5394	

26. Perforation record (interval, size, and number)  
**4981' - 5024' with total of 34 holes @ .34 dia.**  
**5380' - 5473' with total of 40 holes @ .34 dia.**

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
4981 - 5024	Frac'd w/60Q Slickfoam;86,600# 20/40 BradySand;SCF N2 & fluid
5380' - 5473'	Frac'd w/60Q Slickfoam;125,000 # 20/40

28. **PRODUCTION** BradySand; 1,274,200 SCF N2; 1452 bbls  
 Date First Production **10/01/2005** Production Method (*Flowing, gas lift, pumping - Size and type pump*) **Flowing** Well Status (*Prod. or Shut-in*) **Shut in** Fluid.

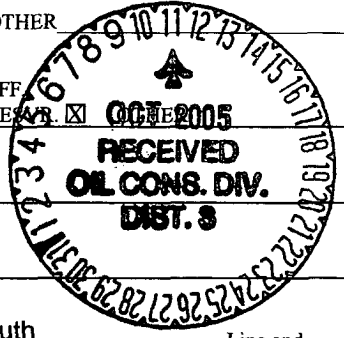
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
09/29/2005	24	1/2		0	532	75	
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
70	272						

29. Disposition of Gas (*Sold, used for fuel, vented, etc.*) **Vented** Test Witnessed By

30. List Attachments  
**Daily Summary Report**

31. *I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief*

Signature **Christina Gustartis** Printed Name **Christina Gustartis** Title **Regulatory Specialist** Date **10/10/2005**  
 E-mail Address **christina.gustartis@conocophillips.com**





**Re-Completion, 08/04/2005 00:00**

API/Bottom UWI 300452011300	County San Juan	State/Province NEW MEXICO	Surface Legal Location NMPM-31N-8W-32-O	N/S Dist (ft) 820.00	N/S Ref S	E/W Dist (ft) 1,800.00	E/W Ref E
Ground Elevation (ft) 6,303.00	Latitude (DMS) 36° 50' 57.768" N	Longitude (DMS) 107° 41' 42" W	Spud Date 07/18/1967	Rig Release Date			

**08/04/2005 06:30 - 08/04/2005 15:00**

**Last 24hr Summary**

Rig down for Hydromatic repair; LO/TO w/ pumper, bleed off facilities on location; move other skids & equipment off San Juan 28-7 #193 over to State Com AL #36; Contact electricians; Set up for slickline plug Friday; Set up for back/drag & lined pit Saturday; Spot air unit; Check on rig @ Key. Well secure, locked out; SIFN.

**08/05/2005 00:00 - 08/05/2005 13:00**

**Last 24hr Summary**

Rig still in yard; Change L & R schedule to Wednesday to get larger pit liner; Have Expert Downhole set a tubing stop over junk in tubing (set @ 7525' - 1 joint up).

**08/08/2005 00:00 - 08/08/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Rigging up; laying out flow lines; Nipping down/up; Lifting; Pressures). Rig up derrick & guys; Lay out flowback lines; Hook up pump; LOTO cathodic; Blow down well - 400 tbg, 400 casing; ND Wellhead; break out rusted bolts; NU BOP's; Rig up floor, slips, tongs. Pull hanger free (somewhat stuck in tubing spool); and tubing; Remove hanger & tag fill @ EOT. Lay down 2 joints. Secure well; Lock rams; SIFN.

**08/09/2005 00:00 - 08/09/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pressure test BOP's; Tripping; Laying down/Picking up tubing; lightning; mentor for green hardhat). Set BPV, land tubing hanger; Test BOP'S, pipes & blinds - rams & stack holding good, with no visible leaks, small leak off due to tubing hanger damage or BPV. Otherwise all good. Date chart & put in well file. TOH w/ tubing - some scale, holes in tubing near surface; Stand back & tally. Tagged fill at EOT near 7700' +/- Bottom joint full of sand, stuck spring & two stops removed; seat nipple tossed. 245 joints. Finish tally; pick up around floor; Eat. PU & MU bit & scraper; Hold up while spotting pipe trailer; TIH w/ bit & scraper & 245 joints. TOH w/ bit & scraper; Lay down the top 65 joints on trailer; Pull three rows until shutting down for thunderstorms. Shut down for lightning; Secure well; lock rams; SIFN.

**08/10/2005 00:00 - 08/10/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pressure test casing; Tripping; Wireline logging/perforating; lightning; mentor for green hardhat).  
TOH w/ scraper; LD scraper; PU CBP on mechanical setting tool; TIH w/ 4 1/2 Fasdrill CBP.  
Set Fasdrill Composite Plug @ 5590'. Roll hole w/ 2% KCL; Blow down 7 5/8" Intermediate (350 psi).  
TOH w/ setting tool. LD setting tool; RU wireline.  
RIH w/ wireline - CBL, GR, CCL; tag fluid @ 630'; Top of Cement @ 5265'.  
Load hole & test 4 1/2" casing to 1100 psi - good.  
Shoot 3 squeeze holes @ 5195'. Well on vacuum.  
Pump 180 bbl into sqz perfs - no returns, no pressure.

**08/11/2005 00:00 - 08/11/2005 16:00**

**Last 24hr Summary**

Safety Breakfast - 1 year, no lost time accidents. Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pressure test casing; Tripping; Cementing; RU/RD; lightning; mentor for green hardhat).  
PU & MU EZSV on mechanical setting tool & RIH easy.  
Set EZSV @ 5124'; RU Dowell Cement crew.  
Held meeting w/ rig crew, cement crew, toolman, water hauler: discussed possible hazards during Cement Job & how best to avoid them (Lifting; Pressure test casing; Cementing; RU/RD; Reversing; Pressures during job; MSDS sheets; tripping; working under floor; spotting equipment).  
Mix & pump 160 sx D/S Litecrete @ 9.5 #/gal & 25 sx 50/50 Poz @ 13.5 #/gal. for about 80 bbl slurry.  
Start @ 2.5 bpm, end displacement @ 1/4 bpm w/ two hesitations to build lift of 300 psi differential when stinging out; Reversed out tubing, TOH, & LD tools; Wash up/ Rack up D/S equipment.  
Spot L & R backhoe in & dig workover pit; haul two tankers of KCL for possible second squeeze.  
Secure well; lock rams; SIFN.

**08/12/2005 00:00 - 08/12/2005 12:00**

**Last 24hr Summary**

Held meeting w/ rig crew, wireline crew: discussed possible hazards during Cement Job & how best to avoid them (Lifting; RU/RD; Logging/Wireline ops).  
Check pressures: 0 psi except 7 5/8" - 140 psi; move in & rig up wireline truck in the mud.  
RIH w/ wireline & pull cement bond log: 100% bond from retainer @ 5130' to 4120' TOC. Call in results to Houston & to NM OCD (Charlie Perrin). Rig down wireline equipment.  
OCD recommends opening 7 5/8" annulus until Sunday, then SIFN to get blown down & capture a true CSIP on Monday morning.  
Secure well; Lock rams; Open 7 5/8" annulus to tank; SIFN.

**08/14/2005 12:00 - 08/14/2005 12:00**

**Last 24hr Summary**

Shut in 7 5/8" intermediate annulus for night - has been open since Friday.

**08/15/2005 00:00 - 08/15/2005 16:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Perforate casing; Tripping; Cementing; RU/RD; lightning).  
 Check pressures - 4 1/2: 0 psi; 7 5/8: 10 psi; 10 3/4: 0 psi. Rig service - hoses.  
 RU Wireline; PU squeeze gun & TIH to shoot 3 @ 4097'; LD spent gun.  
 Attempt to break circulation; Pump 60 bbl, 800 psi, no circulation, no blow; pump down 7 5/8" annulus 40 bbl = (1500') caught bridge, can't pump down.  
 TIH w/ RTTS; 59 stands to 3720'; leave packer hanging; Lay out 2" line to reserve pit; MIRU cement crew. Set RTTS @ 3720'; Rig up to floor; Test casing to 500 psi.  
 Hook up Bulk Truck & water.  
 Held meeting w/ rig crew, cement crew, toolman, water hauler: discussed possible hazards during Cement Job & how best to avoid them (Lifting; Pressure test casing; Cementing; RU/RD; Reversing; Pressures during job; MSDS sheets; tripping; working under floor; spotting equipment).  
 Test pumps & lines to 3000 psi & Start w/ 10 bbl fresh water spacer; Lead cmt, 50/50 Poz @ 13#/gal; Pressure climbs to 1800 psi, slow to 2 bbl/min; pressure climbs to 2000 psi; Release packer & reverse under 1500 psi back pressure, 17 bbl; Shut in & pressure up to 1800 psi & hold for 10 min. & release slow; still trickling back pressure up to 1500 psi & hold for 10 minutes; release pressure slowly & pull three stands to 3530'; re-set packer & pressure up to 2000 psi - holding good; SIFN with 2000 psi.  
 Wash up cement equipment & rack up iron; Pull 1 load off flowback tank & take to basin; Secure well; Lock rams; Wait on cement.

**08/16/2005 00:00 - 08/16/2005 17:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pull packer; Tripping; Drill cement; lightning).  
 Check/release pressure: 820 psi on tubing.  
 Release packer; TOH; Wait on Thunderstorm to pass; Lay down packer; PU bit & scraper; TIH.  
 Tag up w/ 59 stands; LD 14 joints; run 14 jts in; PU power swivel; lay iron to casing.  
 Start drilling estimated 375' cement, reversing w/ water on 3 7/8" cone bit. Start drilling estimated 375' cement, reversing w/ water on 3 7/8" cone bit. Drill out 9 joints - lightning coming back Pu & circulate clean.  
 Secure well; lock rams; SIFN.

**08/17/2005 00:00 - 08/17/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; Drill cement; Pressure testing; wireline ops; lightning).  
 Check pressures (0 psi); break circulation; continue to drill.  
 Drilled out below perms; Pressure test to 600 psi - good. TOH w/ bit & scraper.  
 MIRU wireline equipment; 1st CBL tool failed. RIH w/ 2nd CBL tool; log up from 4120'; TOC @ 3815'.  
 Found TOC @ 3815'; Called CHARLIE PERRIN @ NM OCD - Advised that top op Lewis Shale was @ 4128' and TOC was 3815'; also that bottom of Picture Cliffs was 3125' and 7 5/8 intermediate was set @ 3456'. Pressure on 7 5/8 has been 0 psi since Monday morning. Concluded that exposed formation was not communicating nor contaminating any other & that gas was stopped by covering Lewis Shale. Mr. Perrin gave VERBAL APPROVAL to proceed, here duly noted.  
 Test casing w/ rig pump to 2450 psi - held good, 15 minutes. Bleed off.  
 Rig down wireline. TIH w/ new 3 7/8" cone bit; tag up; lay down 4 joints & run 2 stands; PU & RU power swivel; Break circulation & start to drill EZSV retainer @ 5125'.  
 PU swivel; circulate clean; secure well; lock rams; SIFN.

**08/18/2005 00:00 - 08/18/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; Drill cement/EZSV; Pressure testing; lightning).  
 Break circulation; start drilling; Pump motor running poorly; bit plugging up.  
 Detroit diesel mechanic on loc.; secure ops to repair pump motor; replace 1 injector, run racks on both sides, couple valves too tight; change fuel filters.  
 Continue drilling EZSV; motor running well; bit still plugging, go long way.  
 Got through retainer; making hole on cement. Broke through cement; Circulate clean.  
 Attempt to pressure test to 3000 psi: Lost 2500 psi in 15 minutes (167 psi/min.).  
 LD swivel; TOH w/ bit.  
 Secure well; Lock rams; SIFN.

**08/19/2005 00:00 - 08/19/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; set packer; Pressure testing; Cementing; lightning). Continue out of hole w/ bit; LD bit; PU RTTS; TIH; set RTTS @ 5280'.

Test below leak to 2700 psi - Good. Pull 2 stands.

Set RTTS @ 5157', Test leak to 2800 psi - leaks @ 1200 psi/min.

Test casing from 5157' to surface to 2750 psi - Good.

Call Houston w/ results of tests; plan to re-squeeze lower sqz perms @ 5195'.

Call Halliburton Cement, set up 50 sack sqz.; Pull packer up to 4843' & set; install swivel.

Wait on cement crew; MIRU cement equipment; Held meeting w/ rig crew, cement crew, toolman, water hauler: discussed possible hazards during Cement Job & how best to avoid them (Lifting; Pressure test casing; Cementing; RU/RD; Reversing; Pressures during job; MSDS sheets; tripping; working under floor; spotting equipment).

Start water ahead, 1/4 bpm @ 2000 psi, breaking to 1 1/2 bpm @ 1500 psi after 10 bbl water; Mix & pump 50 sx (11 bbl) Neat cement @ 15.4 #/gal; pressure continuing to drop to 100 psi w/ all slurry in tubing; caught some pressure as cement cleared packer, 300-500 psi; Shut down @ 19 1/2 bbl displaced & cleared packer; wait 15 minutes; pumped back into it & squeezed off @ 2800 psi; Holding solid; pull 2 stands, re-set packer & pressure up to 2500 psi & SIFN.

Wash up & rack up all equipment; Secure well; lock rams; Wait on Cement.

**08/22/2005 00:00 - 08/22/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pull packer; Tripping; Drill cement; lightning).

Release RTTS packer & TOH; pulling wet - 2 joints w/cement.

LD packer; PU 3 7/8" cone bit; TIH.

Tag up w/ 77 stands; LD 12 joints; Run in 6 stands; PU/MU Swivel. Drill out cement (359')

Drill out cement (359' to sqz perms). Made 7 joints & broke alternator belt on rig motor. Call for parts.

Pull up off bottom; circulate clean; call for alternator belt to install in a.m. SIFN.

**08/23/2005 00:00 - 08/23/2005 18:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; Drill cement; pressure testing; ighting).

Continue drilling out. Drilled out on # 166; Circulate clean;

Pressure test casing & both squeezes to 2440 psi - Good. Call Wood group for pressure pump to get 3K.

Unload new casing valves; TOH W/ BIT. LD bit; Install & NU new casing valves; eat.

TIH w/ bit & scraper; Drain mud pit. Tag 5580'; LD 1 joint & circulate clean KCL into well - 85 bbl.

Lightning storm approaching; Unload Frac valve; install TIW; Lock rams; SIFN.

**08/24/2005 00:00 - 08/24/2005 15:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; ; pressure testing; lay down tubing; lightning). TOH w/ bit & scraper. Wait on Orders. Plan going forward: Drop Menefee; split Pt. Lookout & Cliff House into 2 stages to achieve < 2400 psi anticipated frac pressures & forgo frac liner over Lewis sqz. No more pressure testing necessary, release Toolman; release Pressure tester; Call for trucks to spot frac tanks. Trip back in & prepare to lay down pipe. Flip tongs over & TOH sideways. Power Tongs drive plate broke. Break out & laydown tongs; install TIW; secure well; lock rams; SIFN.

**08/25/2005 00:00 - 08/25/2005 15:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Tripping; ; lay down tubing; ND/NU frac tree; Rig down, Move off).

PU & install new power tongs. Continue laying down tubing.

ND BOP's; NU Frac Tree. Rig Down; Prepare to move. Move to San Juan 28-7 #193.

**08/30/2005 13:00 - 08/30/2005 16:00**

**Last 24hr Summary**

Held safety meeting. RU Computalog Perforated the Point Lookout w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 5380' - 5388' w/ 2 spf, 5419' - 5424' w/ 2 spf, 5466' - 5473' w/ 2 spf. A total of 40 holes w/ 0.34 dia. RD Computalog.

**08/31/2005 07:00 - 08/31/2005 17:00**

**Last 24hr Summary**

Held safety meeting. RU Schlumberger. Frac'd the Point Lookout. Tested lines to 3750 #. Set pop off @ 2450 #. Broke down formation @ 6 bpm @ 1050 #. Pumped pre pad @ 25 bpm @ 936 #. Stepped down rate to 20 bpm @ 345 #. Stepped down rate to 15 bpm @ 0 #. ISIP 0 #. Frac'd the Point Lookout w/ 60 Q slick foam w/ 1 g/mg FR, 125,000 # 20/40 Brady sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, 1,274,200 SCF N2 & 1452 bbls fluid. Avg rate 40 bpm. Avg pressure 1833 #. Max pressure 1945 #. Max sand cons 1.50 # per gal. ISIP 930 #. Frac gradient .44. RU Computalog. RIH w/ 4 1/2" composit plug. Set plug @5110'. tested plug to 2000 #. Held ok. Perforated the Cliffhouse w/ 3 1/8" 90 degree select fire perforating gun. Perforated from 4981' - 4988' w/ 2 spf, 5014' - 5024' w/ 2 spf. A total of 34 holes w/ 0.34 dia. RD Computalog. Frac'd the Cliffhouse Tested lines to 3750 #. Set pop off @ 2450 #. Broke down formation @ 5 bpm @ 1459 #. Pumped pre pad @ 25 bpm @ 810 #. Stepped down rate to 20 bpm @ 623 #. Stepped down rate to 15 bpm @ 284 #. Stepped down rate to 10 bpm @ 0 #. ISIP 0 #. Frac'd the Cliffhouse w/ 60 Q slick foam w/ 1 g/mg FR, 86,600 # 20/40 Brady sand, Treated the last 15% of proppant volume with propnet for proppant flowback control, 1,087,100 SCF N2 & 1254 bbls fluid. Avg rate 35 bpm. Avg pressure 2310 #. Max pressure 2444 #. Max sand cons 1.50 # per gal. ISIP 1347 #. Frac gradient .44. Started flowback.

**09/12/2005 00:00 - 09/12/2005 17:45****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Rig up; ND/NU frac tree/BOP's; Test BOP's). MIRU Service Unit. 350 psi on well; Kill well w/ 30 bbl. ND Frac Tree; NU BOP's; Install Tubing Hanger w/ bull plug. Test BOP's 300 psi low, 1800 psi high, Blinds & Pipes - All Good. Spot Tubing trailer; Secure well; lock rams; SIFN.

**09/13/2005 00:00 - 09/13/2005 17:00****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out w/air). Set up floor & trailer for picking up tubing; PU slip grip elevators; MU 3 7/8 mill, bit sub, seat nipple; RIH w/ 82 joints w/ slim hole collars, then change elevators & complete string w/ regular eue collars. Stop @ 4500' & unload hole. 30 bbl. Continue picking up tubing; tag sand @ 5020'. Unload hole again; 15 bbl. Attempt to clean out sand but weight indicator broke. Continue to unload well and dry up. No weight indicator available. Secure air/well; SIFN.

**09/14/2005 00:00 - 09/14/2005 17:00****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out w/air). Install re-built weight indicator. Run back in to tag (3'high); attempt to clean out; too sticky - pulling 10K over to pick up; not making hole; secure air & PU Swivel; prepare to drill. Drilling slow, still sticky; tight from 5030' to 5037'; got through & continued down on #162 (5049'). Make connection; clean #163 down to 5080'; #164 down to 5110' & 2' down on #165 to tag CBP @ 5112' (WLM 5110'). Sweeps & foam to unload hole. Start flow & blow to unload water - 1 hour flowing 1/2 hour unloading w/ air. Secure well; lock rams; SIFN.

**09/15/2005 07:00 - 09/15/2005 17:30****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out w/air). Unload water; Clean out 10' new fill; Flow well/Blow well to dry up. Set tubing @ 5018'; Unload & blow dry; Assemble flow-back line w/ choke cage.

Flow back on 1/2" choke for production estimate - Cliffhouse only; After 4 hours, results:

Tubing @ 5018' Tubing: 125 psi Casing: 260 psi 8 bbl water/day 0 bbl oil/day

Field estimate of 875 MCFD

Secure well; lock rams; SIFN.

**09/16/2005 08:00 - 09/16/2005 18:00****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Drill out w/air). Unload w/ air, Clean out 16' new fill; install string float; tag up on plug @ 5110'. Drill out CBP & chase down to Point Lookout & Tag sand @ 5375'. Unload well; Start cleaning out sand - slow; Not circulating as well w/ Pt. Lookout open; Down on #173; Down on #174; Still loading up; cutting out iron w/ sand returns; Dry up w/ air. Shut down air; Tie back swivel; Pull 7 stands to the string float (mill above Cliffhouse).

**09/19/2005 07:00 - 09/19/2005 17:00****Last 24hr Summary**

Attend Safety Stand Down w/ rig crew & air hand @ VFW Hall by Conoco/Phillips.

**09/20/2005 07:00 - 09/20/2005 17:30****Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Drill out w/air). Blow down casing (350 psi); tag 7' new fill; Lay down #174; PU power swivel; PU #174; Unload hole & start washing down to Plug @ 5580' (179 joints, need 5 joints to tag). Old plug carcass still in the way - push & drill. Made last two joints easier. Down on # 179 - 5570'; Pump 2 bbl sweep & dry up. Flow & blow to dry up; rig up flowback to begin flowback test in a.m. Pull 10 stands to string float, above top perms; secure well; lock rams; SIFN.



**09/21/2005 07:00 - 09/21/2005 17:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air: flow test).  
 Blow down casing: 350 psi; Prepare to RIH.  
 Kill tubing w/ 4 bbl; Remove string float; RIH 10 stands to tag 8' sand. Unload hole & clean out sand.  
 Sweep & dry up. Flow and blow - Pt. Lookout still running wet (>100 bbl/day).  
 Pull 4 joints; Unload w/ air;RU choke line w/ 1/2" choke.  
 Start flowback w/ 350 psi on tubing & 235 psi on casing - tubing logged off to 0 psi in < 5 minutes.  
 Put casing to pit & unload again w/ air; replace w/ 1/4" choke.  
 Open back up to flowback on 1/4" choke - 325 psi both casing & tubing.  
 Casing 320 psi; Tubing 45 psi.  
 Casing 328; Tubing dropped to 20 psi, then climbed back up to 80 psi & started making water.  
 Turn well over to L&R hands to flow back water overnight.  
 Casing @335 psi, Tubing @ 90 psi.  
 Leave well flowing. Flowback hand called @ 18:30 and said well had logged off again. Secure well, SIFN.

**09/22/2005 07:00 - 09/22/2005 17:30**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air: flow test). Blow down casing: 340 psi.  
 Flow & Blow all day - still making 8-10 bbl/hr, or >200 bbl/day, mostly from the Pt. Lookout.  
 Casing steady @ 30+ psi on 2" flow line.  
 Turn well over to Flowback crew; Continue to flow up casing overnight to scavage water off.  
 Release rig crew.

**09/23/2005 07:00 - 09/23/2005 18:00**

**Last 24hr Summary**

Blow & Flow all day. Called Houston & agreed to flow back over weekend. Making >160 bbl/day.  
 Kill tubing, TOH w/ mill & TIH w/ mule shoe. Unload w/ air.  
 Turn over to Flowback crew @ 18:00 - 18 psi on casing & flowing.

**09/24/2005 00:00 - 09/24/2005 23:45**

**Last 24hr Summary**

Flowing: avg. 22 psi @ 7-9 bbl/hour.

**09/25/2005 00:00 - 09/25/2005 23:45**

**Last 24hr Summary**

Flowing: 20 psi @ 8 bbl/hour. Dropped down to 5-6 bbl/hr early a.m.; Kicked up to 9 bbl/hour after noon. Staying close to 20 psi.

**09/26/2005 00:00 - 09/26/2005 23:45**

**Last 24hr Summary**

Flowed well until crew arrived: stayed around 20 psi; water down to 4-5 bbl/hr since midnight. Since Friday eve, 62 hours & 348 bbl = 5.6 bbl/hr.  
 Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air: flow test).  
 RIH to tag 31' new fill (Since Thursday - 4 days).  
 Clean out sand w/ air. Flow back 2 hours. Blow around w/ air. Flow back 2 hours. Blow around w/ air.  
 Pull up to 5450' and secure well; lock rams; turn over to flowback crew for night.  
 Flowback crew continue to flow well overnight. Starting @ 4.5 bbl/hr & 18 psi.

**09/27/2005 00:00 - 09/27/2005 17:00**

**Last 24hr Summary**

Flow back up casing: average 4.5 bb/hr @ 20 psi. Several hours showed 3.6 bbl/hr. Down average of 1.1 bbl/hr since Sunday but still showing >100 BWPD.  
 Relieve flowback crew at 07:00.  
 Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air: flow test).  
 RIH & tag 12' new fill. C/O & flow back. Pull up to #174 (lower perms) and unload & prepare to flow up tubing.  
 Shut down ops to deal with tool pusher issues w/ Key Energy: Ray Stanford, Division Mgr.; Jerry Stevens, District Mgr.; Joe Herrera, Tool Pusher.  
 Pull two more, #172 (above perms). Unload well. Let well pressure up; rig choke line back up;  
 Attempt to flow back up tubing on 1/2" choke: Casing 250 psi Tubing 250 psi  
  
 Casing rose to 260 psi while tubing fell to 12 psi, then rose to 20 psi, then fell to 0 psi.  
  
 Well coming back. Casing up to 270 & holding; Tubing up to 30-40 psi, unloading water.  
 Tubing tail @ 5355' (25' above Pt. Lookout) Well continuing to unload. Wait for Flowback crew - will attempt to flow up tubing all night.  
 Turn over to flowback crew to flow over night on 1/2" choke.

# Regulatory Summary

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 ConocoPhillips

**09/28/2005 00:00 - 09/28/2005 23:45**

**Last 24hr Summary**

Flowing through 1/2" choke: 70 psi tubing, 270 psi casing, avg. 3.3 bbl/hr water (79.2 BWPD).  
Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air: flow test).  
Continue to flow 70 psi tubing/270 psi casing, still 3.3 bbl/hr  
RIH 2 joints to 5415' and put to 1/2" choke.  
RIH w/ 2 joints, 5415' (35' below top Pt. Lookout); set up & flow back through 1/2" choke - logged off.  
Pull 1 joint to 5385' (5' below top Pt. Lookout. Put to 1/2" choke.  
Casing 275 psi; tubing 30 - 45 psi. Surging water.  
Well seems to tolerate only tubing depths at or above to Pt. Lookout to keep flowing.  
Turn over to flow back crew; secure well; Release rig crew.  
Flow back crew flow well overnight on 1/2" choke.

**09/29/2005 00:00 - 09/29/2005 15:00**

**Last 24hr Summary**

Flowed Tested on 1/2" Choke overnight. Tubing 5' below top perf of Pt. Lookout.

Casing: 272 psi Tubing: 70 psi Water: 75 BWPD Oil: None Tubing @ 5385'

Production field estimate: 532 MCFD for Mesa Verde (Cliff House & Point Lookout together).

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pick up tubing; Clean out & Dry out w/air; Tripping; Land production & nipping up/down; rig down.).  
RIH & clean out 10' new fill.  
TOH w/ tubing. Prepare to run production & drift.  
Install 1.78 'F' nipple & expendable check on bottom & RIH with tubing - drifting to 1.901".  
Only made 7 stands in 1 hour. Too much build up on inside of tubing from jamming air for a week. SD to modify plan forward. Got OK to pickle tubing w/ 500 gal. 15% HCL. Called Nalco.  
Tubing Pickle set up for a.m. TIH w/ production, not drifting. Lightning approaching. Shut down twice for lightning, more storms approaching from South.  
Secure all Ops - too much lightning, too close. Secure well; Lock rams; SIFN.

**09/30/2005 07:00 - 09/30/2005 20:00**

**Last 24hr Summary**

Held meeting w/ rig crew: discussed possible hazards & how best to avoid them (Lifting; Pump Acid; Pick up tubing; Clean out & Dry out w/air; Tripping; Land production & nipping up/down; rig down.).  
Continue in hole w/ 178 joints total.  
Rig up Nalco; pump 500 gallons 15% HCL & 4 bbl 2% KCL w/ soap; Rig down Nalco.  
Unload hole (w/ spent acid) with air @ 5bbl/hr mist.  
TOH to surface (stop to change stripping rubber & eat). TIH to bottom; drift all tubing to 1.901".  
Clean 1 1/2 joints sand. Pump sweep & unload hole w/air.

Pull & LD 6 joints, to 173 joints; Land tubing @ 5394'. Top of 1.78" F Nipple @ 5392".

ND BOP's & NU Wellhead. Pump out check @ 1100 psi.

Let well blow; pick up 3" flowback iron; Secure well; SIFN. Sun down, too dark. Plan to RD in a.m.

**10/01/2005 07:30 - 10/01/2005 12:00**

**Last 24hr Summary**

Finish rigging down. Ready to move Monday a.m. - 10/3/05. Job Complete.