

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG



|  |  |  |   |
|--|--|--|---|
| 1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other  |  | 6. If Indian, Allottee or Tribe Name   |   |
| b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrv. |  | 7. Unit or CA Agreement Name and No.   |   |
| Other _____  |  |  |   |
| 2. Name of Operator<br>CONOCO INC.   |  | Contact: YOLANDA PEREZ<br>E-Mail: yolanda.perez@usa.conoco.com   |   |
| 3. Address    P. O. BOX 2197, DU 3084<br>HOUSTON, TX 77252-2197  |  | 3a. Phone No. (include area code)<br>Ph: 281.293.1613  |   |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)  |  | 9. API Well No.<br>30-039-07258  |   |
| At surface    SWNE 1700FNL 1700FEL   |  | 10. Field and Pool, or Exploratory<br>BLANCO P.C. SOUTH  |   |
| At top prod interval reported below  |  | 11. Sec., T., R., M., or Block and Survey<br>or Area    Sec 32 T28N R7W Mer NMP  |   |
| At total depth   |  | 12. County or Parish<br>RIO ARRIBA   |   |
|  |  | 13. State<br>NM  |   |
| 14. Date Spudded<br>02/20/1957   | 15. Date T.D. Reached<br>03/12/1957      | 16. Date Completed<br><input type="checkbox"/> D & A <input checked="" type="checkbox"/> Prod.<br>08/03/2001   | 17. Elevations (DF, KB, RT, GL)*<br>6057 DF |
| 18. Total Depth:    MD<br>TVD    4964  | 19. Plug Back T.D.:    MD<br>TVD    4948 | 20. Depth Bridge Plug Set:    MD<br>TVD  |   |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  |  | 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)<br>Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) |   |

[illegible]

| 24. Tubing Record |                |                   |      |                |                   |      |                |                   |
|-------------------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| Size              | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
| 2 3/8             | 4922           |                   |      |                |                   |      |                |                   |

| 25. Producing Intervals |      |        | 26. Perforation Record |      |           |              |
|-------------------------|------|--------|------------------------|------|-----------|--------------|
| Formation               | Top  | Bottom | Perforated Interval    | Size | No. Holes | Perf. Status |
| A) BLANCO P.C. SOUTH    | 2594 | 2650   | 2594 TO 2650           |      |           |              |
| B)                      |      |        |                        |      |           |              |
| C)                      |      |        |                        |      |           |              |
| D)                      |      |        |                        |      |           |              |

| 27. Acid, Fracture, Treatment, Cement Squeeze, Etc. |  |
|---|--|
| Depth Interval                                      | Amount and Type of Material  |
| 2594 TO 2650  | SIMULTANEOUSLY FRAC FC/PC W/ 225,000# BRADY SAND AND 994 BBLs OF FLUID |
|   |  |
|   |  |

| 28. Production - Interval A       |                                |                      |  |                |                  |                  |                          |                    |                                      |
|-----------------------------------|--------------------------------|----------------------|--|----------------|------------------|------------------|--------------------------|--------------------|--------------------------------------|
| Date First Produced<br>08/10/2001 | Test Date<br>07/20/2001        | Hours Tested<br>24   | Test Production<br> | Oil BBL<br>0.0 | Gas MCF<br>340.0 | Water BBL<br>0.0 | Oil Gravity<br>Corr. API | Gas Gravity        | Production Method<br>FLOWS FROM WELL |
| Choke Size<br>1/2"                | Tbg. Press.<br>Flwg. 300<br>SI | Csg. Press.<br>300.0 | 24 Hr. Rate<br>     | Oil BBL        | Gas MCF          | Water BBL        | Gas:Oil Ratio            | Well Status<br>PGW |                                      |

| 28a. Production - Interval B |                            |              |                      |         |         |           |                          |             |  |
|------------------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|--|
| Date First Produced          | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Interval                    |
| Choke Size                   | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas/Oil Ratio            | Well Status | NOV 08 2001<br>FARMINGTON FIELD OFFICE |

(See Instructions and spaces for additional data on reverse side)

**ELECTRONIC SUBMISSION #8632 VERIFIED BY THE BLM WELL INFORMATION SYSTEM**

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**NMOC**

## 28b. Production - Interval C

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 28c. Production - Interval D

| Date First Produced | Test Date                  | Hours Tested | Test Production<br>→ | Oil BBL | Gas MCF | Water BBL | Oil Gravity<br>Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Choke Size          | Tbg. Press.<br>Flwg.<br>SI | Csg. Press.  | 24 Hr. Rate<br>→     | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio            | Well Status |                   |

## 29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

## 30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

## 31. Formation (Log) Markers

| Formation | Top | Bottom | Descriptions, Contents, etc. | Name            | Top         |
|-----------|-----|--------|------------------------------|-----------------|-------------|
|           |     |        |                              |                 | Meas. Depth |
|           |     |        |                              | KIRTLAND        | 1830        |
|           |     |        |                              | FRUITLAND       | 2325        |
|           |     |        |                              | PICTURED CLIFFS | 2585        |
|           |     |        |                              | CLIFFHOUSE      | 4253        |
|           |     |        |                              | MENEFEE         | 4359        |
|           |     |        |                              | POINT LOOKOUT   | 4790        |
|           |     |        |                              | MANCOS          | 4943        |

## 32. Additional remarks (include plugging procedure):

This well is now trimingled in the FC/PC/MV as per DHC #2908. Please refer to attached daily summary report for more detailed information.

## 33. Circle enclosed attachments:

- |   |                    |               |                       |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.)     | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis   | 7 Other:      |                       |

## 34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #8632 Verified by the BLM Well Information System.

For CONOCO INC., sent to the Farmington

Committed to AFMSS for processing by Lucy Bee on 11/07/2001 ()

Name (please print) YOLANDA PEREZTitle COORDINATORSignature (Electronic Submission)Date 11/06/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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## Daily Summary

|              |              |                  |            |                              |            |                        |                         |                  |        |                |                   |                 |                   |         |   |
|--------------|--------------|------------------|------------|------------------------------|------------|------------------------|-------------------------|------------------|--------|----------------|-------------------|-----------------|-------------------|---------|---|
| API          | 300390725800 | County           | RIO ARRIBA | State/Province               | NEW MEXICO | Surface Legal Location | NMPM-28N-7W-32-NE SW NE | NS Dist. (ft)    | 1700.0 | NS Flag        | N                 | EW Dist. (ft)   | 1700.0            | EW Flag | E |
| KB Elev (ft) | 6057.00      | Ground Elev (ft) | 6047.00    | Plug Back Total Depth (ftKB) | 4,950.0    | Spud Date              | 2/20/1957               | Rig Release Date |        | Latitude (DMS) | 36° 37' 12.792" N | Longitude (DMS) | 107° 35' 33.72" W |         |   |

| Start     | Ops This Rpt  |
|-----------|---|
| 6/26/2001 | Csg. press. 200#, tbg. press. 190#. Blow well down, RIH with tbg. with bit an scraper to 4225'. POOH with tbg. bit an scraper. RU wireline, RIH with 7" EZ-BP an set at 4200'. POOH with setting tool. Load hole (190 bbls) RIH with CBL tool. Found top of cement at 3758'. POOH with logging tool. RIH with perf. gun. Shoot 4 perf holes at 3748'. POOH with perf gun. RD wireline unit. RU rig pump. Pump into csg., pump 60 bbls, est. circulation out braiden head., 1BPM/500# Shut down rig pump. Secure well, change out csg. valves. SDFN  |
| 6/26/2001 | Road rig to location, spot rig an equipment, rig up. Csg. press. 140#, tbg. press. 140#. Blow well down, kill tbg. 10 bbls of Kill fluid. NDWH, NUBOP. RU BOP tester, test BOP. RD tester. PU tbg. hanger an remove, RIH with tbg., tag fill, POOH with tbg., tally out. Total 4964', 87 stands. RIH with bit an scraper an 40 stands. Secure well SDFN   |
| 6/27/2001 | Csg. press 0#, Open well, RIH with 7" cement retainer, set at 3730'. Cement company cancel out job for today. Secure well SDFN  |
| 6/28/2001 | Csg. press. 0#, RU swivel, RU cement unit. Try to est. rate out of braiden head, pump 150 bbls of water. no rate out of braiden head. Start cement. lead cement 365 sxks. 11.4#, an 100 sks. at 15.6# as tail. Rate was 3BPM at 1000#. Sting out of retainer, reverse out. POOH with 10 stands. Secure well SDFN  |
| 6/29/2001 | off   |
| 6/30/2001 | off   |
| 7/1/2001  | Csg. press. 0#, tbg. press. 0#, POOH with tbg an stinger. (50 stands). RU wireline, RIH with logging tool. Run CBL log. Found top of cement at 3550'. POOH with logging tool. PU an RIH with perf gun, shot 4 perf holes at 3450'. POOH with perf gun. RD wireline. RU rig pump, Circulated down csg. thru braiden head, at 1BPM/ 500#. Flowing to rig pit. Shut down pump. secure well SDFN  |
| 7/2/2001  | Csg. press. 0#, RIH with cement retainer an tbg( 108 joints), set retainer at 3406'. RU cement pump unit, pump 40 bbls of fresh water, try to est. circulation out braiden head. Rate 2.5 bbls/ 1200#. Pump 310 sxks. of cement(12.4), disp. with 13 bbls. Rate 2.5 bbls. / 1420#. press. fell down on displacement. to 800#. Shut down, stung out of retainer. RD cement unit. POOH with tbg. an setting tool. RIH with packer an one stand, test csg to 3800#, tested okay. POOH with tbg. an packer. Secure well SDFN.   |
| 7/3/2001  | Holiday off.  |
| 7/4/2001  | Csg. press. 0#, RU wireline unit. RIH with logging tool. Run CBL log from 3412' to 100'. Found TOC at 2560'. Not much cement from 2560 to about 2000'. Found cement to surface from there, Top of cement at bottom of surface csg. Not much cement between FC. an water zone. POOH with logging tool. RIH with perf gun. shot 4 perf holes at 2280'. POOH with perf gun. Secure well SDFN   |
| 7/5/2001  | Csg press. 0#, RIH with packer, full bore an tbg. Set at 2270'. RU cement unit. Est. rate, 1/2 bbl/ 1300#. Pump 50 sxks. of cement. Displace with 13 bbls. Press. up to 1640#. Shut down. RD cement unit, Shut well in with 1200#. Wait on cement for 4 hours, Release press. POOH with tbg. an packer. Put 500# on csg. Shut in. Secure well SDFN  |
| 7/6/2001  | Day off   |
| 7/7/2001  | Day off.  |
| 7/8/2001  | Csg press. 0#, RIH with 6 3/4" drill bit, an tbg tag cement at 2369'. RU [power swivel, drill out cement to 2379'. Fell thru. Trip in four more stands. Press. test csg to 500#. Tested okay. RIH with tbg tag up on retainer at 3406'. Circulate hole with 100Bbls of clean Fluids. POOH with tbg. an drill bit. Secure well SDFN  |
| 7/9/2001  | Csg. press. 0#, RU wireline unit, RIH with select fire perf. gun. Perf as followed: 2650', 2648', 2646', 2644', 2642', 2612', 2610', 2608', 2606', 2604', 2602', 2600', 2598', 2596', 2594', 15 holes at 1/2 SPF. POOH with select fire perf gun. RIH with cased gun, Perf as followed: 2572'-2579', 8 shots. 2480',-2484', 5 shots. 2456',-2459', 4 shots. 2398',-2401', 4 shots. 21 shots, 1 SPF. POOH with casing gun. RD wireline. RU frac valve. Secure well SDFN.   |
| 7/10/2001 | Csg. press 10#. Blow well down, RU isolation tool, RU frac unit. RU ball launcher with 44 ball sealers, ( 1.3sg. RCN) Test lines to 3500#. Set relief valve at 2400#, pop of three times. No leaks on line. Began pump in, hole loaded. Break point at 1930#. Start balls, rate up to 11 bbls per. min. Drop one ball per barrel, first 22 barrels, an two ball for remaining 22 barrels. Brought rate up to 13 bbls. Press. up to 2480#. Great ball action. Didnot get complete ball off, Press back up on, 2480#. Shut down, Used 150Bbls. of fluid. RD frac unit, RD isolation tool. RU wire line unit, RIH with junk basket, recovered only 22 ball sealer, 12 hits. RD wireline unit. RD ball gun. RU isolation tool. RU frac unit. Blender down, hydraulic hose broke. Repair in field. Start back up. Press. test line to 3500#, no leaks. Start pump in test. Hole loaded, brought rate up to 33bbls, per min. at 1931#, 33BPM/1930, 27.6BPM/1671#, 17.6BPM/1280#, 8.6BPM/ 1000#. Pump 201 bbls on step test. Shut down 526#, 30 mins. 420#. Blender down, hydraulic hose broke, attempt to fix, could not. Blender to town for repairs, will frac in AM. Secure well SDFN. |

## Daily Summary

| API          | County           | State/Province               | Surface Legal Location  | NS Dist. (ft)    | NS Flag           | EW Dist. (ft)     | EW Flag |
|--------------|------------------|------------------------------|-------------------------|------------------|-------------------|-------------------|---------|
| 300390725800 | RIO ARRIBA       | NEW MEXICO                   | NMPM-28N-7W-32-NE SW NE | 1700.0           | N                 | 1700.0            | E       |
| KB Elev (ft) | Ground Elev (ft) | Plug Back Total Depth (ftKB) | Spud Date               | Rig Release Date | Latitude (DMS)    | Longitude (DMS)   |         |
| 6057.00      | 6047.00          | 4,950.0                      | 2/20/1957               |                  | 36° 37' 12.792" N | 107° 35' 33.72" W |         |

| Start     | Ops This Rpt  |
|-----------|---|
| 7/11/2001 | RU blender, Press. test line to 3500#, no leaks. Set pop off at 2400#, test three times. ST Pad, 18.3 BPM / 1954# , DH rate was 55BPM. Press up to 2300#, Reduce N2 rate to 50Bbls. Press. at 2250#/14.6 bbls. 150bbls pad. Start with .5 sand, Press. at 2243#/16.4BPM, 67.6% foam Q. rate 49BPM. 143 bbls stage. 1# sand, 2180#/ 17.1BPM, 70.8 Foam Q. , rate 49.2 BPM. , increase rate , press up 2191# / 19.0BPM, 70.5 faom Q, rate 57.1 BPM. , press up 2329#.40 BBL stage. sand con. 6.1, 3# sand stage, 2276#/22.9 BPM, 71.2 foam Q. rate 58.3BPM, Press. up 2411#, back off rate, press. 2254#/20.0BPM, 73.8 foam Q, rate 55.1BPM. press. down 2040#/20.4BPM, 74 foam Q, rate 55BPM. 9.3 sand con. , 5# sand , 2049#/22.4BPM, 76 foam Q, rate 50BPM, Press. down 1830#, 217 bbls into stage, increase N2 rate, to 55BPM, press. 1881/24.4 BPM, 68Foam Q, 14.12 sand con. 280bbls stage. Start flush ,4PPA on VHD. Flush press. 1811#/25.2 Foam Q 56% , rate 58BPN, shut down eazy, Shut down, 51 bbls on stage. ISDP 1550#. shut down. 1268#. in 5-1171#, 10-1158#,15-1146# RD frac, unit , Tag frac with 3-isooopes . RD isolation tool . Secure well . Move off frac unit , start riggup flow back equipment. |
| 7/12/2001 | RU blewly lines , dig pit, RU, meter run. Secure well SDFN  |
| 7/13/2001 | WO L&R. RU gas compressors and blooie line and flowline. SION   |
| 7/14/2001 | Safety mtg. Flowback frac. Daylight crew Keys, Nighttime crew L&R.  |
| 7/15/2001 | Safety mtg. Flowback frac. Daylights- Keys crew, Nighttime- L&R crew. SI from 0800 hrs monday 7/16 till Tuesday 7/17.   |
| 7/17/2001 | Safety mtg. SICP- 980 psi. Flow back on 1/4" choke. Still getting medium sand in returns in late afternoon. Re-scheduled Protechnics logging for 7/20 AM. SION.   |
| 7/18/2001 | Safety mtg. SICP - 8100 psi. Bled down well to 80 psi. Killed tbg w/ 40 bbls KCL water. TIH. Tagged fill @ 3035'. CO to 3225'. POH to above perfs. SION.  |
| 7/19/2001 | Csg. press. 700#. tbg. press. 560#. Blew well down. RIH with tbg. tag fill at 3225'. Start clean out, Clean out to CIBP at 3406'. Circulate clean. PU tbg. to 2183'. Rig up to flow up tbg. an start flow test.Will drywatch tonight.   |
| 7/20/2001 | Csg.press. 300#, tbg. press. 300#, Well flowed all night. TEST FOR C-104 Flow rate 441 MCF, 0 bbls. oil, 0 bbls. water. Well flowed thur. 1/4" choke . tbg. press. 300# , csg. press. 300#. End of tbg. at 2183'.Witness by Gilbert Bennett , Key Energy. Gas will be allocated 75% to PC. an 25% to FC. Well will be DHC with MV. Gas sales will be to EL Paso. Date of test 7-20-01. Blow well down, RIH with tbg. tag fill at 3376'. Pull 10 stands. RU wireline unit, RIh with logging tool. Run spinner log. POOH with wireline, Secure well SDFN.   |
| 7/21/2001 | Day off   |
| 7/22/2001 | Day off   |
| 7/23/2001 | Csg . press. 690#. RU 1/2" choke on flow line, flow well. RIH with 8 stands. RU wireline, Flow well 4 hours. RIH with spinner logging tool. Log well. POOH with logging tool. RD wireline. RIH with mill, drill collars, aan tbg. Tag fill at 3441'. PU 3 stands. Secure well SDFN  |
| 7/24/2001 | Csg press. 590#, tbg. press. 360#. Blow well down, RIH with tbg. tag fill. Tag shows 32' of fill over plug. Swivel up. comp. up, Est. circulation, Clean out fill to plug. Tag up on retainer , start milling on it. Mill on plug for 5 hours, motor on swivel develop a oil leak. Circulate hole, clean, Lay down swivel, motor out. POOH with 10 stands. Shut down. secure well SDFN. will replace motor in AM.   |
| 7/25/2001 | Csg. press. 580#, tbg. press. 340#, Replace motor on swivel. Blow well down, RIH with tbg. tag up on retainer, RU power swivel. , est. circaltion. Start milling on retainer. Made soap sweeps. , Mill on retainer, made about 2 1/2' , mill stop working. RD power swivel , POOH with 10 stands. Secure well SDFN  |
| 7/26/2001 | Csg. press. 560#, tbg. press. 320#.Blow well down. RIH with tbg. tag up. Swivel up, start milling. Mill stop working, made soaps sweeps. Swivel down. POOH with tbg. an mill. Change out mill , RIH with mill , drill collars, an tbg. tag up at 3728'. Swivel up, Unload well, Start mill on retainer. Mill about 1' of retainer. PU tbg. made soap sweeps. Swivel down, POOH with 5 stands. SDFN.   |
| 7/26/2001 | Csg. press. 560#, tbg.press. 320#, Blow well down, POOH with tbg., drill collars an mill. Change out mill, RIH with mill , drill collars, an tbg. Tag up on retainer. Drill out retainer an 40' of hard cement. Pump soap sweeps. Swivel down, RIH with tbg. tag up on 2nd. retainer at 3728'. Swivel up. est. circulation, start milling on retainer. Mill about 1' of retainer, made soaps sweeps. RD swivel, POOH with 5 stands. Secure well SDFN  |
| 7/28/2001 | Csg press. 540#, Tbg. press. 340#. , Blow well down. RIH with tbg. tag up on retainer, Swivel up, unload well. Start milling on retainer. Mill about 6 inches, tbg twisted off. Made saop sweep, Swivel down, POOH with tbg. Tbg. twisted off on joint above drill collars. RIH with overshot, an tbg. tag up on fish ,latch on. POOH with tbg an fish. Secure well SDFN  |
| 7/29/2001 | Day off   |
| 7/30/2001 | Day off   |
| 7/31/2001 | Csg. press. 590#, Blow well down, RIH with mill, drill colars, an tbg. Tag up on retainer at 3728'. Swivel up, unload well, Start milling . Mill out retainer, drill out 15' of cement. Made soap sweep, swivel down, POOH with 5 stands of tbg. Secure well SDFN.  |
| 7/31/2001 | Csg. press. 490#, Tbg. press. 400#, Blow well down , RIH with tbg. tag up, Swivel up. Unload well Start milling on cement. Drill out 6' of cement an fell thur. , made soap sweep. Swivel down,. POOH with tbg. an mill . RIH with packer to 3406'. Set packer an test csg to 500# tested okay. Blow press. off, release packer, POOH with tbg. an packer. RIH with tbg , tag up on CIBP at 4205'. Swivel up, unload well Start milling on plug. Drill out about 2' of plug, PU tbg. made soap sweep, Swivel down, POOH with 5 stands. Secure well SDFN   |