

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMSF0770925

| | | | | | |
|--|--|--|--|--|--|
| 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 checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr. Other _____ | | | 7. Unit or CA Agreement Name and No. | | |
| 2. Name of Operator CONOCO INC | | | Contact: YOLANDA PEREZ E-Mail: yolanda.perez@usa.conoco.com | | |
| 3. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197 | | | 3a. Phone No. (include area code) Ph: 281.293.1613 | | |
| 4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface SWSE 875FSL 2205FEL At top prod interval reported below At total depth | | | 8. Lease Name and Well No. HOUCK COM 1B | | |
| 14. Date Spudded 08/26/2001 | | | 15. Date T.D. Reached 09/01/2001 | | |
| 16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 10/30/2001 | | | 9. API Well No. 30-045-30139-00-X1 | | |
| 18. Total Depth: MD 5144 TVD | | | 19. Plug Back T.D.: MD 5099 TVD | | |
| 20. Depth Bridge Plug Set: MD TVD | | | 10. Field and Pool, or Exploratory BLANCO | | |
| 21. Type Electric & Other Mechanical Logs Run (Submit copy of each) THERMALDECAYTIM | | | 11. Sec., T., R., M., or Block and Survey or Area Sec 1 T29N R10W Mer NMP | | |
| 22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) | | | 12. County or Parish SAN JUAN | | |
| | | | 13. State NM | | |
| | | | 17. Elevations (DF, KB, RT, GL)* 5777 GL | | |

23. Casing and Liner Record (Report all strings set in well)

| Hole Size | Size/Grade | Wt. (#/ft.) | Top (MD) | Bottom (MD) | Stage Cementer Depth | No. of Sks. & Type of Cement | Slurry Vol. (BBL) | Cement Top* | Amount Pulled |
|-----------|------------|-------------|----------|-------------|----------------------|------------------------------|-------------------|-------------|---------------|
| 12.250 | 9.625 J-55 | 36.0 | | 313 | | 139 | | 0 | |
| 8.750 | 7.000 J-55 | 20.0 | | 1884 | | 316 | | 0 | |
| 6.250 | 4.500 J-55 | 11.0 | | 5144 | | 244 | | 1095 | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

24. Tubing Record

| Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) | Size | Depth Set (MD) | Packer Depth (MD) |
|-------|----------------|-------------------|------|----------------|-------------------|------|----------------|-------------------|
| 2.375 | 4596 | | | | | | | |

25. Producing Intervals

| Formation | Top | Bottom | Perforated Interval | Size | No. Holes | Perf. Status |
|--------------|------|--------|---------------------|------|-----------|--------------|
| A) MESAVERDE | 3892 | 4662 | 3892 TO 4662 | | | |
| B) | | | | | | |
| C) | | | | | | |
| D) | | | | | | |

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

| Depth Interval | Amount and Type of Material |
|----------------|--|
| 3892 TO 4110 | FRAC W/ 79,560# BRADY SAND, 357,000 SCF N2 |
| 3892 TO 4110 | ACIDIZED W/1000 GALS OF 15% HCL W/ 50 BALL SEALERS |
| 4326 TO 4662 | ACIDIZED W/1000 GALS OF 15% HCL W/ 50 BALL SEALERS |
| 4326 TO 4662 | FRAC W/100,000# BRADY SAND, 447,000 SCF OF N2 |

28. Production - Interval A

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| 11/08/2001 | 10/29/2001 | 24 | → | 1.0 | 792.0 | 15.0 | | | FLows FROM WELL |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| 1/2" | 120 | 280.0 | → | | | | | PGW | |

28a. Production - Interval B

| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
|---------------------|----------------------|--------------|-----------------|---------|---------|-----------|-----------------------|-------------|-------------------|
| | | | → | | | | | | 2 3 2001 |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | Well Status | |
| | | | → | | | | | | Shut-in well |

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

ELECTRONIC SUBMISSION #8424 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

NMOCD

28b. Production - Interval C

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

28c. Production - Interval D

| | | | | | | | | | |
|---------------------|----------------------------|--------------|----------------------|---------|---------|-----------|--------------------------|-------------|-------------------|
| Date First Produced | Test Date | Hours Tested | Test Production → | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | Gas Gravity | Production Method |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate → | 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 |
| NACIMIENTO | 0 | 1070 | | OJO ALAMO | 1060 |
| OJO ALAMO | 1070 | 1192 | | KIRTLAND | 1202 |
| | | | | FRUITLAND | 1750 |
| | | | | PICTURED CLIFFS | 2281 |
| | | | | CHACRA | 3304 |
| | | | | CLIFF HOUSE | 3969 |
| | | | | MENEFEE | 4057 |
| | | | | POINT LOOKOUT | 4550 |
| | | | | MANCOS | 4958 |

32. Additional remarks (include plugging procedure):

This well is a single Mesaverde producer. Please see attached daily summary 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 #8424 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/16/2001 (02LXB0411SE)

Name (please print) YOLANDA PEREZ

Title COORDINATOR

Signature (Electronic Submission)

Date 11/12/2001

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Daily Summary

| | | | | | | | |
|-----------------------------|------------------------|------------------------------|--|---------------------------------------|--------------|-------------------------|--------------|
| API 300453013900 | County SAN JUAN | State/Province NEW MEXICO | Surface Legal Location NMPM-29N-10W-1-O | NS Dist. (ft) 660.0 | NS Flag S | EW Dist. (ft) 1980.0 | EW Flag E |
| Ground Elev (ft) 5777.00 | Spud Date 8/26/2001 | Rig Release Date 9/1/2001 | Latitude (DMS) 36° 44' 54.7152" N | Longitude (DMS) 107° 50' 0.8988" W | | | |

| Start | Ops This Rpt |
|------------|--|
| 9/12/2001 | Rigged up Schlumberger wireline. Ran TDT log from 5086' to 950' and Gamma Ray Log from 950' to surface. Ran CBL Log from 5089' to 850'. Ran log with 1500 psi pressure on the casing. TOC @ 1095'. Rigged down Schlumberger wireline. Tested casing to 4300 psi. - OK. SHUT DOWN |
| 10/2/2001 | Rigged up Blue Jet to perforate. Perforated the Point Lookout / Lower Menefee @ 4660' - 4662' with 1/2 SPF Total holes 2. Perforated @ 4632' - 4634' with 1/2 SPF Total holes 2. Perforated @ 4616' - 4620' with 1/2 SPF Total holes 3. Perforated @ 4600' - 4602' with 1/2 SPF Total holes 2. Perforated @ 4584' - 4590' with 1/2 SPF Total holes 4. Perforated @ 4551' - 4561' with 1/2 SPF Total holes 6. Perforated @ 4516' - 4522' with 1/2 SPF Total holes 4. Perforated @ 4398' - 4404' with 1/2 SPF Total holes 4. Perforated @ 4364' - 4370' with 1/2 SPF Total holes 4. Perforated @ 4326' - 4332' with 1/2 SPF Total holes 4. Total holes for the Point Lookout / Lower Menefee 35 holes. Perforated with 3 1/8" HSC with .34" hole size. Rigged down Blue Jet. SHUT DOWN |
| 10/3/2001 | Rigged up BJ to acidize the Lower Menefee / Point Lookout. Acidized with 1000 gals of 15% HCL Acid with 50 ball sealers. Pumped acid @ 19 BPM @ 850 psi. Well balled off. ISIP - Vacuum. Rigged up Blue Jet to run junk basket. Retrieved 49 balls with 33 hit's. Rigged up BJ to frac. Fraced the Lower Menefee / Point Lookout with 100,000# of 20/40 Brady sand with 447,000 SCF of N2. Avg pressure 2200 psi. avg rate 65 BPM. ISIP - Vacuum. Rigged up Blue Jet, set Hallib Fas Drill plug @ 4170'. Tested plug to 3700 psi. - OK. Rigged up Blue Jet to perforate. Perforated the Upper Menefee / Cliffhouse / Upper Cliffhouse @ 4104' - 4110' with 1/2 SPF Total holes 4. Perforated @ 4097' - 4101' with 1/2 SPF Total holes 3. Perforated @ 4052' - 4056' with 1/2 SPF Total holes 3. Perforated @ 4046' - 4048' with 1/2 SPF Total holes 2. Perforated @ 4034' - 4038' with 1/2 SPF Total holes 3. Perforated @ 4028' - 4030' with 1/2 SPF Total holes 2. Perforated @ 4000' - 4004' with 1/2 SPF Total holes 3. Perforated @ 3994' - 3998' with 1/2 SPF Total holes 3. Perforated @ 3986' - 3988' with 1/2 SPF Total holes 2. Perforated @ 3972' - 3974' with 1/2 SPF Total holes 2. Perforated @ 3929' - 3931' with 1 SPF Total holes 3. Perforated @ 3908' - 3910' with 1 SPF Total holes 3. Perforated @ 3892' - 3894' with 1 SPF Total holes 3. Total holes for this zone 36. Perforated with 3 1/8" HSC with .34" hole size. Rigged down Blue Jet. Rigged up BJ to acidize. Acidized with 1000 gals of 15% HCL Acid with 50 ball sealers. Avg rate 14.5 BPM @ 2200 psi avg pressure. Well balled off. ISIP 800 psi. Rigged up Blue Jet to retrieve balls. Retrieved 50 ball sealers with 34 hits. Rigged up BJ to frac. Fraced Upper Cliffhouse / Cliffhouse / Upper Menefee with 79,560# of 20/40 Brady sand @ 2350 psi avg pressure @ 61 BPM avg rate. Total N2 357,000 SCF. Max sand conc 4#/ gal. ISIP - 1210 psi. Rigged down BJ. SHUT DOWN |
| 10/22/2001 | Road rig to location. Rig up. Spot all equipment. Blow well down. ND Frac valve and NUBOP. Rigged up compressors and blowie lines. SHUT DOWN |
| 10/23/2001 | Checked well pressures. Csg - 900 psi. Blow well down. Tested and charted BOP'S. RIH with Mill and 122 jts of 2 3/8" tubing. End of tubing @ 3874'. Started 2 drill gas compressors and unloaded well. Well started flowing. Well flowing to clean-up sand. SHUT DOWN |
| 10/24/2001 | Check well pressures. Csg - 1000 psi. Blow well down. RIH and tagged sand fill @ 3993'. Started 2 drill gas compressors and cleaned sand fill to Hallib Fas Drill Plug @ 4165'. Blow well to clean up. Pumped soap sweeps to allow well to clean up. POOH above perfs. SHUT DOWN |
| 10/25/2001 | Check well pressures. Csg - 870 psi. Blow well down. RIH and tagged sand fill @ 4160'. Pulled 2 3/8" tubing up to 3872'. Rigged up to test the Upper Cliffhouse/ Cliffhouse/ Upper Menefee. Tested thru 1/2" choke nipple. Tbg - 50 psi. Csg - 240 psi. Water - 15 BBLS Oil - 1/2 BBL. MCFPD = 330. Test witnessed by Nick James with Key Energy. Blow well down. RIH and tagged sand @ 4160'. Started 2 drill gas compressors and cleaned sand to Hallib Plug @ 4165'. Drilled up Hallib Fas Drill Plug @ 4165'. Continued to RIH and tagged sand fill @ 4990'. Pulled up the hole above the perfs. SHUT DOWN |
| 10/26/2001 | Key had Safety Stand down. Checked well pressures. Csg - 540 psi. Blow well down. RIH and tagged sand fill 4985'. Rigged up power swivel and started 2 drill gas compressors and cleaned fill to PBTD @ 5100'. Blew well clean - up. Pumped soap sweeps. Pulled tbg up above the perfs. SHUT DOWN |
| 10/29/2001 | Check well pressures. Csg - 500 psi. Blow down well. RIH and tagged sand fill @ 5035'. Started 2 drill gas compressors and cleaned sand to PBTD @ 5100'. Pumped soap sweeps to allow well to clean up. Pulled 2 3/8" tubing up to 3872' and installed 1/2" choke nipple. Tested well as follows. Tbg - 120 psi. Csg - 280 psi. MCFPD = 792. Water - 15 BBLS Oil - 1 BBL. Test witnessed by Nick James with Key Energy. This is a test for all the Mesa Verde zone. SHUT DOWN |
| 10/30/2001 | Checked well pressures. Csg - 480 psi. Blow well down. POOH with 2 3/8" tubing with mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Tagged for fill, NO FILL. Pulled up and landed 2 3/8" tubing @ 4596'. with 145 jts. NDBOP & NUWH. Rig down compressors and blowie lines. Rig down unit and move off location. FINAL REPORT |