

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals		5. LEASE DESIGNATION AND SERIAL NO. <b>SF-077092B</b>
<b>SUBMIT IN TRIPLICATE</b>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	7. IF UNIT OR CA, AGREEMENT DESIGNATION <b>HOUCK</b>	
2. NAME OF OPERATOR <b>CONOCO INC.</b>	8. WELL NAME AND NO. <b>HOUCK 2B</b>	
3. ADDRESS AND TELEPHONE NO. <b>10 Desta Drive, Suite. 100W Midland, Texas 79705-4500 (915) 686-5424</b>	9. API WELL NO. <b>30-045-30138</b>	
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) <b>660' FNL &amp; 2050' FEL, SEC. 11, T29N-R10W, UNIT LETTER 'F'</b>	10. FIELD AND POOL, OR EXPLORATORY AREA <b>BLANCO MV</b>	
11. COUNTY OR PARISH, STATE <b>SAN JUAN COUNTY, NM</b>		
12. CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION		TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice		<input type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input checked="" type="checkbox"/> Other: Completion of MV <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
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.)  <b>Please see attached summary for completion details.</b>		
14. I hereby certify that the foregoing is true and correct		
SIGNED <u>Debra Sittner</u> (This space for Federal or State office use)		TITLE <u>DEBRA SITTNER, As Agent for Conoco Inc.</u>
APPROVED BY _____ Conditions of approval, if any:		TITLE _____ DATE <u>AUG 14 2000</u>
		<b>ACCEPTED FOR RECORD</b> <b>FARMINGTON FIELD OFFICE</b> BY <u>[Signature]</u>

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.

\* See Instruction on Reverse Side

CONOCO, INC.  
**HOUCK #2B**  
API#: 30-045-30138  
660' FNL & 2050' FEL, UNIT 'H'  
SEC. 11, T29N-R10W

- 5/26/2000 Rig up Schlumberger and run TDT log from TD at 5014' up to 1500' and GR log from TD up to surface.
- 5/30/2000 RU pump truck and test casing to 1000 psi and run CBL from PBTD up to 4014' and 2700 up to 1700' pressure test casing to 3000 psi (ok) (TOC is above 1700') perf the Point Lookout 2 spf at the following stops, 4572, 76, 78, 80, 82, 4605, 07, 09, 11, 15, 19, 21, 32, 34, 36, 38, 40, 42, 48, 50, 59, 61, 63, 65, 72, 78, 80, 82, 4712, 14, 28, 44, 49, 62, 66, 78, 98, 4841, 43, 69, 74, 87, 91, 4904
- 6/1/2000 Rig up BJ and test lines to 4000 psi and set pop-off at 3000 psi attempt to break down w/ water at 3000 psi (perfs would not break at 3000 psi) rig up Blue Jet and RIH w/ dump bailer and dump 10 gallons 28% double inhibited acid across bottom perfs 4887'-4904' pooh w/ bailer, rig up bj and break down at 1240 psi establish rate 20 bpm at 1360 psi, shut down isip 44 psi. test lines to 4000 psi and set pop-off at 3000 psi, acidize Point Lookout w/ 1500 gallons 15% hcl, 3.5 bpm at 2910 psi, pumped 81 bbl and shut down, isip 300 psi then pressure slowly went to 0, let acid soak for 15 min. start down hole w/ slick water and could only get 2.3 bpm at 2934 psi flushed acid w/ 100 bbl kcl. shut down and wait on rig.
- 6/2/2000 MIRU and ND frac, NU BOP. RIH w/ 4 1/2" plug and packer and straddle Point Lookout perf in 4 sections and break down w/ Kcl water. POOH w/ tbq, packer and plug, rig up frac valve, SION
- 6/5/2000 Rig up BJ and test lines to 4000 psi and set pop-off at 3000 psi acidize Point Lookout w/ 36 bbl 15% Hcl, blocked w/ 170 ball sealers, 20 bpm at 45 psi, good ball action, balled off at 2800 psi. frac point look out w/ 4746 bbl slick water carrying, 82,036# 20/40 brady sand, avg rate 71 bpm, avg pressure, 1350 psi isip 0 rig up blue jet and RIH and set 4 1/2" composite plug at 4555' and test to 3000 psi (ok perf the Menefee 2 spf at the following stops 4254, 56, 58, 60, 62, 64, 86, 88, 90, 92, 94, 4304, 06, 08, 10, 12, 80, 82, 84, 86, 88, 90, 92, 4406, 08, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 65, 96, 98, 4500, 08, 10, 12, 22, 24, 26 rig up bj and test lines to 4000 psi (ok) break down Menefee w/ kcl water at 700 psi, bullhead 36 bbl acid ahead of frac pad, then start pad and frac Menefee w/ 3512 bbl slick water carrying 60,500# 20/40 brady sand, avg rate 68 bpm, avg pressure 1900 psi isip 785 psi, 5 min. 713 psi, 10 min. 676 psi, 15 min. 647 psi shut well in rd bj.
- 6/6/2000 Rig up Blue Jet and set plug 4120' and test to 3000 psi, perforate the Cliffhouse the w/ 2spf at the following stops, 3947, 49, 50, 59, 61, 63, 94, 96, 98, 4000, 02, 04, 06, 08, 10, 12, 14, 16, 28, 30, 32, 34, 36, 38, 40, 42, 44
- 6/7/2000 Rig up BJ and test lines to 4000 psi, set pop-off at 3000 psi, break down Cliffhouse w/ Kcl water at 2950 psi and pump 16 bpm at 1500 psi, isip 800 psi, pump 36 bbl 15% Hcl ahead of pad then go straight into pad and frac w/ 980 bbl slick water carrying 10,847# 20/40 brady sand and ran out of sand, over flushed 20 bbl, shut well in and wait on sand. frac Cliffhouse w/ 1643 bbl slick water carrying 34560# 20/40 brady sand, avg rate 61 bpm, avg pressure 2300 psi, isip 950 psi, 5 min. 649 psi, 10 min. 581 psi, 15 min. 547 psi.
- 6/8/2000 Casing pressure 50 psi, bleed well down and RIH w/ 3 7/8" mill and 100 joints 2 3/8" tbq. blow well around w/ gas, well making heavy sand and fluid. Secure well SION.
- 6/9/2000 Casing pressure 300 psi unload well w/ gas compressors, ri and tag sand at 4040' and clean out to plug at 4021', blow well around w/ gas compressors, well making lots of water.
- 6/12/2000 Casing pressure 0, tbq pressure 400 psi blow well around w/ gas compressors (well making heavy sand and water at a rate of 42 gallons per hour. Took water samples at 9 am and at 1 pm, BJ analyzed the samples the results are as follows. 9 am sample, chlorides 8,225 ppm, potassium 1700 ppm, iron 500 ppm. 1 pm sample chlorides 10,281 ppm, potassium 650 ppm, iron 100 ppm. Dry watch well continue to blow well around w/ gas and unload well., will make a decision in the morning on squeezing the Cliffhouse.
- 6/13/2000 Dry watched thru the night. Shut down compressors, and try to get flow test. Well would not flow on it's own. RIH and tagged for fill. tagged fill @ 4052', started 2 drill gas compressors and cleaned sand to 4120'. blow well clean. pooh with 2 3/8" tubing with baker metal muncher mill. prep to squeeze perf's. shut down
- 6/14/2000 Check well pressures. 250 psi. on the casing. blow well down. RIH with 2 3/8" tubing with 4 1/2" cement retainer. Set retainer @ 3847'. Pressure backside to 500 psi. - ok. Rigged up bj to squeeze Cliffhouse perfs. took injection rate down the tubing, 4 - bpm @ 600 psi. pumped 50 sks premium lite cement, and 50 sks type iii cement. initial rate 4 bpm @ 565 psi. Pressure increased to 1950 psi. shut down. stung out of retainer. pooh with 2 3/8" tubing with setting tool. ( note: squeeze cement job was approved by Steve Mason with BLM 6/13/2000 @ 2 :30 pm. verbal approval. ) Shut down
- 6/15/2000 RIH with 3 7/8" mill. Tagged cement @ 3724'. Picked up power swivel and drilled cement-to-cement retainer @ 3847'. Drilled up cement retainer @ 3847'. Continue to drill cement to 3910'. Circulate hole clean. shut down.
- 6/16/2000 Check well no pressure. Continue to drill cement from 3910' to 4044'. tested casing to 500 psi - ok. Continue to RIH and tagged plug @ 4120'. Started 2 drill gas compressors, and drilled up plug @ 4120'. Circulate clean and continue to RIH. Tagged sand fill @ 4503'. Cleaned sand to fas drill plug @ 4555'. Circulate clean and pull up above the perfs. Shut down

CONOCO, INC.

**HOUCK #2B**

API#: 30-045-30138

660' FNL & 2050' FEL, UNIT 'H'

SEC. 11, T29N-R10W

- 6/19/2000 Casing pressure 1100 psi, bleed well off RIH and tag fill at 4535' and clean to plug at 4555', drill out plug and tag fill at 4881, clean fill to 5014' and pull tbg above perfs and set at 4254', rig up flow line and turn over to dry watch
- 6/20/2000 Clean out to PBTD and blow well around w/ compressors. Mesa Verde test: set tbg at 4254' and test up tbg. on 1/2" choke, tbg pressure 400 psi, casing pressure 620 psi, 25 bbl water per day, 2 bbl oil per day, rate 2640 mcfpd 4 1/2" casing, 2 3/8" tbg test witnessed by Wes Herrera w/ key energy. (note tubing was set at 4254' for test but will be set at 4584' for production)
- 6/21/2000 RIH and tag for fill, pull up hole and land 2 3/8" 8 rd tbg w/ 145 joints at 4581' ND BOP, NU wellhead RDMO