

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

SUBMIT IN DUPLICATE \*  
(See other in-  
structions on  
reverse side)FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG \*

1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						5. LEASE DESIGNATION AND SERIAL NO. SF 077092B	
b. TYPE OF COMPLETION: NEW <input type="checkbox"/> WORK <input type="checkbox"/> DEEP- <input type="checkbox"/> DIFF. <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/> RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR CONOCO INC.						7. UNIT AGREEMENT NAME HOUCK	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						8. FARM OR LEASE NAME, WELL NO. HOUCK #2	
4. LOCATION OF WELL (Report location clearly and in accordance with any State regulations) At surface 1100' FNL & 800' FEL, UNIT LETTER 'A 1' At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT BLANCO MESA VERDE	
14. PERMIT NO.						12. COUNTY OR PARISH SAN JUAN COUNTY	
DATE ISSUED						13. STATE NM	
15. DATE SPUDDED 2/2/85		16. DATE T.D. REACHED 2/11/85		17. DATE COMPL. (Ready to prod.) 7/28/98		18. ELEV. (DF, RKB, RT, GR, ETC) * 5833' GL	
20. TOTAL DEPTH, MD & TVD 6885'		21. PLUG, BACK T.D. MD. & TVD 6842'		22. IF MULTIPLE COMPL. HOW MANY *		23. INTERVALS DRILLED BY ROTARY <input type="checkbox"/> CABLE <input type="checkbox"/> TOOLS <input checked="" type="checkbox"/> TOOLS <input type="checkbox"/>	
24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 4260' - 4800' BLANCO MESA VERDE						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		301'		12-1/4"	
7"		23#		3002'		8-3/4"	
4-1/2"		10.5#		2885' 6883'		6-1/4"	
29. LINER RECORD		30. TUBING RECORD					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
						SCREEN (MD)	
						SIZE	
						DEPTH SET (MD)	
						PACKER SET (MD)	
						2-3/8"	
						6640' (FINAL)	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
SEE ATTACHED SUMMARY				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33. * PRODUCTION							
DATE FIRST PRODUCTION 7/28/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) FLOWING				WELL STATUS (Producing or shut-in) PRODUCING DHC #1887	
DATE OF TEST 7/27/98		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
						OIL - BBL 1/2	
						GAS - MCF 858 MCFPD	
						WATER - BBL 1	
						GAS - OIL RATIO	
FLOW. TUBING PRESS 130#		CASING PRESSURE 250#		CALCULATED 24 - HR RATE →		OIL - BBL 1/2	
						GAS - MCF 858 MCFPD	
						WATER - BBL	
						OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED						TEST WITNESSED BY BILL GALLEGOS w/ FLINT ENG.	
35. LIST OF ATTACHMENTS SUMMARY, WELL LOGS						SEP 17 1998	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Sylvia Johnson</i>				TITLE SYLVIA JOHNSON, As Agent for Conoco Inc. DATE 9/5/98			

\* (See Instructions and Spaces for Additional Data on Reverse Side) 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.

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37. SUMMARY OF POROUS ZONES: (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):				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
			HOUCK #2	Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis Cliffhouse Menefee Point Lookout Mancos Gallup Graneros Dakota	1082' 1220' 1960' 2280' 2390' 4002' 4081' 4575' 4685' 5806' 6615' 6667'	

CONOCO, INC.  
**HOUCK #2**  
API#: 30-045-25805  
1100' FNL & 800' FEL, UNIT 'A'  
SEC. 11, T29N-R10W

- 7/13/98 Bled down well, killed w/20 bbls 1% KCl down tbg & 20 bbls down csg, NDWH, NU BOP, POOH w/239 jts 2-3/8" tbg, tallying & standing back.
- 7/14/98 Bled down well, RIH to TOL @ 2851', POOH, MIRU BJ, RIH w/ WL gauge ring. POOH, LD gauge, PU composite BP, RIH w/ WL to set BP @ 4867'. POOH, Loaded hole w/ 135 bbls 1% KCl water to press test plug & csg, PU, RIH to locate leak, RIH to tag up on BP, tested good, determined that BP was leaking & sealed off when tagged w/ tbg.
- 7/15/98 Cont. POOH, PU & RIH, Perf Point Lookout MV w/ 21 holes as follows: 4563-67-73-4603-05-12-14-23-28-34-48-54-59-67-78-4708-28-39-65-97-4800. Rel BJ.
- 7/16/98 RIH to 4830', test lines, setup to 4200#, holds good, POOH to perms @ 4800' & 4797'; PLACED 500 gals 15% HCl acid to PPI tool w/ 6 bbls wtr, pumped 1 bbl acid @ 260#, 2bpm, set PPI @ 4765' broke w/ 1/2 bbl @ 723#, 4 BPM, set PPI @ 4739', broke w/ 1/2 bbl @ 728#, 4 BPM, set tools 4728', broke w/ 1/2 bbl @ 740#, 4 BPM, set @ 4708', broke w/ 1/2 bbl @ 811#, 4bpm, set @ 4678', broke w/ 1/2 bbls @ 908#, 4 BPM, set @ 4667', broke w/1/2 bbl @ 1170#, 4bpm, set tools to straddle 4654' & 4659'; broke w/ 1 bbl @ 1120#, 4bpm, set @ 4648', broke w/ 1/2 bbl @ 1262#, 4.8 BPM, set @ 4634', broke w/ 1/2 bbl @ 912#, 4 BPM, set @ 4623', broke w/ 1/2 bbl @ 1022#, 4.5 BPM, set tools to straddle 3612' & 4614', broke w/ 1 bbl @ 1088#, 4bpm, set tools to straddle 4603' & 4605', broke w/ 1 bbl @ 1432#, 4bpm, set @ 4573#, broke w/ 1/2 bbl @ 1190#, 4.5 BPM. Set tools to straddle 4563' & 4567', broke w/ 1 bbl @ 1574#, 6 BPM, rel PPI tools pumped wtr, POOH.
- 7/17/98 Pumped frac to MV Point Lookout as follows: 238 bbls 1% KCl pad, 1550 bbl Slickwater, w/ 70000# 20/40 AZ sand. Injected single isotope Iridium 192 trace into sand stages 1#, 1-1/2", & 2#. Amount traced=60000#, did not trace 1/2# (5000#) & 1st 5000# of 1#. Conc. = 433, total =26mci. RIH composite BP to set @ 4520', POOH, RIH. Perf Mv Menefee as follows: 4260-66-68-4307-10-21-27-32-4407-17-20-24-47-53-58-64-67-72-75, RIH w/ tbg to set pkr @ 2881', Break down & acidize MV Menefee as follows: Press & break w/ 1% KCl @ 1705#, ISDP=500#. Pumped 500 gal 15% HCl acid, 1 3 sp ball sealers thru out the job. Got good ball action, good breaks, did not ball off, bled press down, RIH, POOH, frac MV Menefee as follow: 240 bbl 1% KCl pad, 1433 bbls Slickwater + FRW-30 + Inflo 150, w/ 60000# 20/40 AZ sand, san conc. 1/2# to 2#/gal.
- 7/20/98 Install blow line tee, RIH w/ Baker MM on tbg to TOL @ 2851', RU blewey line, wait EP to turn on drill gas.
- 7/21/98 RIH to 4455', CO sand & wtr to 4520', DO out BP over PLO, Let clean up, POOH.
- 7/22/98 Bled down well, pump 10 bbls 1% KCl to kill, RIH w/ tbg to tag fill @ 4731', CO to BP @ 4867', let well clean up w/drill gas. POOH w/ tbg to above all perms.
- 7/23/98 Bled down well RIH w/ tbg to tag @ 4797', CO 70' sand to BP @ 4867', let well clean up, POOH.
- 7/24/98 RIH w/ tbg to tag fill @ 4837', start drill gas to CO 30' sand to BP @ 4867', foam sweeps to keep sand cleaned out, POOH.
- 7/27/98 Bled down & kill well w/10 bbl KCl, RIH w/tbg to tag fill @ 4790', blow well around w/ drill gas, POOH to 4530', MV test results as follows: flowing 2-3/8" tbg thru 1/2" choke, TP 130#, CP 250#, 858 MCFPD, 1/2 BOPD, 1 BWPD, test witnessed by Bill Gallegos w/ Flint, RIH to DO BP @ 4800', RIH to 6842' (PBSD), POOH.
- 7/28/98 Bled down well, RIH w/ tbg to 4950', RIH w/ WL, in tbg to get tracer log from 4933'-4454', all perms received frac, POOH w/ tbg, RIH w/ tbg to tag fill @ 6832', CO to PBSD (6842') w/ drill gas, POOH to 6635', land tbg as follows: MSC, SN, 215 jts 2-3/8" EUE, 4.7#, 8RD, J55 tbg NDBOP, NUWH, RDMO.