

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE *
(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

COPY

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. SF 077107	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> b. TYPE OF COMPLETION: NEW WORK DEEP- DIFF. RESVR. <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> WELL <input type="checkbox"/> OVER <input type="checkbox"/> EN <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
						7. UNIT AGREEMENT NAME Michener	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. Michener #1	
3. ADDRESS OF OPERATOR P.O. Box 2197, DU 3066, Houston, TX 77252-2197 (281) 293-1813						9. API WELL NO. 30-045-11679	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1605' FNL & 1085' FWL, UNIT LETTER "E" At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
14. PERMIT NO.						11. SEC. 31, R. M. OR BLOCK AND SURVEY OR AREA Sec. 28, T28N-R9W	
DATE ISSUED						12. COUNTY OR PARISH San Juan County	
15. DATE SPUNDED 4-4-66						13. STATE NM	
16. DATE T.D. REACHED						18. ELEV. (DEPTH, RT, GR, ETC) * 6004' GL	
17. DATE COMPL. (Ready to prod.) 4-18-66 9-4-98						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 6850'		21. PLUG, BACK T.D. MD. & TVD 6770'		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)* 4486' - 4774' Blanco Mesa Verde						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN Cement Bond Log						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE	WEIGHT, LB/FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED		
8 5/8"	24	278'	12 1/4"	125 SXS			
4 1/2"	11.6 + 10.5	6845'	6 7/8"	569 SXS			
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	30. TUBING RECORD		
					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	6628'	
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 9-4-98		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST Test water only.	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL - BBL	GAS - MCF	WATER - BBL	GAS - OIL RATIO
FLOW TUBING PRESS	CASING PRESSURE	CALCULATED 24 - HR RATE	OIL - BBL	GAS - MCF	WATER - BBL	OIL GRAVITY - API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Summary with details regarding water test.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Debra Sittner</u>				TITLE DEBRA SITTNER, As Agent for Conoco Inc. DATE 3-9-00			

* (See Instructions and Spaces for Additional Data on Reverse Side) Title 18 U.S.C. Section 1001, makes it a crime for any person to 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.

NMOCD

RECEIVED FOR RECORD
MAR 10 1999
BUREAU OF LAND MANAGEMENT

CONOCO, INC.
MICHENER #1
API: 30-045-11679
1605' FNL & 1085' FWL, UNIT LETTER 'E'
SEC. 28, T28N - R09W

- 7/23/98** MIRU Flint #1496. Pump 5 bbls 1% KCL to kill. ND tree. NU BOP.
- 7/24/98** PU 1 jt 2-3/8" tbg and tagged PBTD @ 6759'. LD 1 jt tbg. POOH 218 sts tbg (128 jts = 6721.44' tally). 16 damaged jts replaced w/16 jts off location (of 21 jts on loc to start). PU 3-7/8" bit, csg scraper, BS and RIH to 3691'. Test tbg string to 1000 psi, OK. Cont. RIH to 6049'. Test tbg to 1000 psi, OK. POOH.
- 7/27/98** RU BJ and set D-BP @ 5960'. Load hole w/1% KCL, tested csg and D-BP to 1000 psi, OK. Run CBL/GR/CCL from D-BP to 3000'. TOC @ 3600' w/l. Attempt to pressure test casing to 3000 psi surface pressure, pressure bled off to 700 psi. Attempted to test csg to 1000 psi bled back to 700 psi. RIH w/Baker 4-1/2" Tension Packer to 3610', test csg above packer to 2000 psi, OK. Test below packer to 1000 psi, bled to 700 psi. Attempt to isolate hole or leak below packer. Unable to get test on casing from 3657' to 3874'. POOH 10 stds.
- 7/28/98** POOH w/Baker tension packer and LD same. LD 3 more damaged jts of 2-3/8", 4.7#, J-55, EUE, 8rd tbg.
- 7/29/98** Received 160 jts of 2-3/8", 4.7#, N-80 tbg. RU BJ and shot 23 holes (.36" ea.) @ 4486, 88, 4502, 04, 11, 13, 21, 23, 42, 45, 60, 76, 78, 92, 94, 4610, 32, 34, 68, 94, 96, 4772, 74 in PLO zone. PU 4-1/2" Baker Tension Packer, PU, tally 2-3/8", 4.7#, N-80, EUE, 8rd and RIH and set packer @ 4288'. RU BJ. Acidize/Ballout equipment, test lines to 4000 psi. Establish injection rate w/1% KCL (ISIP - 300 psi, 4 bpm - 2000 psi). Switch to 15% HCL (Avg at 3.5 bpm - 1500 psi). Saw indications of 12-15 ball hits but never achieved total ballout (pumped 32 balls total). Unseat packer and RIH to 4490' to dislodge balls. POOH to 4288' and reset packer.
- 7/30/98** RU BJ equipment. Tested pumps and lines to 500 psi, OK. Electric pump down, bypass CMG unit by batch mixing gel in 1% KCL water to 30 ppb and diluting it back to 15 ppb while mixing and pumping job. Min treating press: 4300 psi, max trt press: 4660 psi, avg trt press: 4300 psi, avg trt rate: 17 bpm (thru 2-3/8", N-80, 4.7 ppf, tbg w/1.995 ID w/packer set @ 4288'), avg inj rate: 17bpm, placed 58000 lbs of 20/40 sieve sand. RD BJ equipment. Well on vacuum after frac. Release and POOH w/packer. RU BJ WL and RIH to set D-BP @ 4460' pull WL. RIH w/WL and perf MV Menefee (20 shots, .36" ea.) 4420, 18, 16, 4402, 4384, 73, 71, 65, 58, 39, 27, 03, 4300, 4290, 87, 84, 54, 49, 38, 4236 (correlate back to Schl 4/17/66 Ind. Elec. Log). Water level in well dropped 300' during perf operations. RIH w/new Baker Tension Packer to 444', test D-BP to 1000 psi, OK. Release packer and pull out to 4000'.
- 7/31/98** Acidize/Ballout PLO perfs, breakdown w/1% KCL water (61 bbls) @ 2562 psi, pump 15% HCL (500 gals) w/30 balls. Partial balloff, avg pressure: 4000 psi (max: 4500, Min: 3500), rate: 5bpm, ISIP: 1400 psi. Final SI pressure: 1483 psi. Release packer and RIH w/tbg to dislodge balls. POOH w/packer and reset @ 4010'. Load 4-1/2" x tbg annulus w/1% KCL water (10 bbls). Test pumps and lines to 5000 psi. Do low-gel (15 ppb). Frac on MV Menefee formation (thru 2-3/8", N-80, 4.7 ppf) tbg w/packer set @ 4010'. Total of 58,000 lbs of 20/40 sieve sand placed. ISIP: 1763 psi, 5 min: 1360 psi, 10 min: 1280 psi, 15 min: 1250psi. Treating pressures: min-4600, max-4800, ave-4600 psi. Treating rate 17 bpm, flush rate 15 bpm. Total treating fluid used 1411 bbls. Frac went well. RD BJ.
- 8/3/98** No pressure on well. POOH and LD 2-3/8"x5M# frac valve and 129 jts of 2-3/8", N-80, EUE, 8rd tbg. RIH w/Metal muncher and bit sub on 2-3/8", J-55 tbg. Tagged top of sand @ 4360', begin cleanout of sand to 4390. POOH 10 stds.
- 8/4/98** RIH, tag top of sand @ 4380', cleanout 90' sand to drillable bridge plug 24460. PU swivel and drill out BP. Clean out sand and water to D-BP @ 5960'. Circulate and clean out well.
- 8/5/98** RIH from 4200, tagged 30' of sand above D-BP, CO sand. POOH & L/D MM & bit sub. PU MS & SN, RIH to 4532', CO. RIH to 4741 & CO sand. POOH to 4550'. Rev circ. out H2O from tbg string. Well flowed start: 350 psi csg, 20 psi tbg/after 1 hr: 440 psi csg, and tbg on vacuum. Attempt to swab, failed (Liquid level approx. 4000'). Pull WL & swab cups from hole & RD lubricator for repair.
- 8/6/98** Attempted to swab in from 4550'. Produced H2O killed well. Used compressed air to remove H2O but flow would die after 45 mins. RIH to 4780' (below lowest PLO perf), started removing 10-15 bph of H2O, cont. removing H2O by pumping air. Slugs of H2O continually kill well flow, will cont. to remove H2O.
- 8/7/98** Arrived @ location had 560 psi csg, 140 psi tbg. Pump air & foam @ 4550', RIH to 4700', pump air/foam, RIH to 5420', pump air/foam unloading H2O each time. POOH to 4555', tbg dead. POOH to 4994'.

CONOCO, INC.
MICHENER #1
 API: 30-045-11679
 1605' FNL & 1085' FWL, UNIT LETTER 'E'
 SEC. 28, T28N - R09W

- 8/8/98** Arrived location had 560 psi on CP/TP. Install ½" choke & well flowed for 2 hrs w/ 360 psi on csg, & 40 - 60 psi on csg, then died, bled of CP, RIH to 4800', pumped air/foam, Kill tbg w/ 2 bbls H2O. POOH to 4494'. Pumped 450 psi air down tbg. RU to flow-back thru ½" choke, flowback well for 4 hrs. & returns included lots of H2O some gas, then tbg died but CP steadily increased from 40 psi @ 1200 hrs to 340 psi @ 1630 hrs injected foam down csg & tbg.
- 8/10/98** Arrived to find 535 TP/CP. EOT @4494', opened well & flowed thru ¼" choke w/ 465 psi CP/ 120-150 psi TP (2-3 BPHR H2O, 1-2 BPHR oil- for 1st hour). Tbg died after flowing for 3-½ hrs. RIH to 4055' used air/foam unit & attempted to re-establish flow but tbg remained dead. Put soap down tbg & annulus. Flowed back about 80 bbls more H2O today; total should be approx. 500 bbls total H2O returned.
- 8/11/98** Arrived & found 525 CP/60 TP, stage in hole from 4200'-4555', 4680', 4800' use air/foam to C/O sand & H2O. RIH tagged sand 100' above (5890') BP @ 5960'. C/O 100' sand. POOH & PU Mill, RIH to 5960' & mill-out Halib EZ Drill BP, CO, POH to 4200', will CO to PBTD & Flowback before attempting Comingled flow test.
- 8/12/98** 450 CP upon arrival. Finished C/O to PBTD (6770'). Tagged sand @ 6745', C/O 95' sand to 6770' (PBTD). POOH. PU MS & SN RIH to 6648' (mid-Dakota perms), start flow-back 4 BPH H2O to start with. Cont. flow-back all day. POOH to 4200'.
- 8/13/98** 475 CP & 0TP upon arrival. Pumped air to start kick-off tbg, tbg died after 1-½ hrs on ½" choke. Also tried ¾" choke & tbg died. Well flow mostly H2O w/some oil & gas.
- 8/14/98** Arrived w/ 490 psi csg/260 psi tbg. Bled off tbg. Flowed 1 hr thru 2" line. Insert 1/4" choke and flow-back tbg pressure seemed to stabilize around 70 - 75 psi and csg pressure @ 400 - 415 psi till 1600 hrs. Well continued to flow water oil and gas. Logged off during night due to heavy liquid production.
- 8/17/98** Csg- 490#, tbg- 55#. Bled off pressures. RIH 4-jts to PBTD @ 6770', no fill. POOH & LD 6 jts tbg. Hang-off 213- jts of 2-3/8", 4.7#, J-55, 8RD, EUE Production Tbg String, SN w/ Mule shoe @ 6585' (top DK perf). RD Blooie line & choke line. MO to Michener A LS 6E.

- 8/31/98** MIRU (from Michener ALS 6E). Transmission went out. Pulled transmission and set in for repair.
- 9/1/98** Replace repaired transmission (torque converter switched out) in rig. Finish RU. Kill tbg and ND WH. NU 2M# BOPs and stripping head. Drift & POOH 213 jts of 2-3/8", 4.7#, J-55, EUE, 8rd tbg, 22 stds wouldn't drift. (Will check each jt in 22 bad stds individually tomorrow, and RIH w/ tbg and Haliburton 4-1/2" PLS full bore production pkr, Set pkr above Menefee perms, and swab in hole.)
- 9/2/98** 410# on csg, 350# on tbg. Flared to pit. Kill tbg w/ 10 bbls 1% KCl water. RIH w/ 4-1/2" csg scraper, Tagged fill @ 6745'. Kill tbg w/ 10 bbls 1% KCl water & POOH. LD a total of 45 jts of tbg that wouldn't drift (1.901") near tool joints and were badly pitted near tool joints. PU MS, SN & 80 jts (2468.40') of 2-3/8", 4.7#, J-55 tbg then 4-1/2" Haliburton PLS Production Packer (all jts of tbg drifted to 1.901") RIH on 126 jts (3927.32') of 2-3/8", 4.7#, J-55 tbg. Hang-off production string.
- 9/3/98** 380# csg, 20# tbg. Flare gas to pit (some oil). Kill tbg w/ 10 bbls 1% KCl water. PU 7 new jts of 2-3/8", 4.7#, J-55, EUE, 8RD Tbg. Set Halliburton Pkr @ 4156' and seat nipple w/ MS @ 6630' (approx. mid-DK perf's). ND BOP. NU WH. RU and swab-in well after 8th run. Fluid level started @ 4680' and ended @ 5240'. Continued to swab well occasionally for total of 18 runs. Flow still being killed w/ water (some oil mixed in).
- 9/4/98** 285 # tbg. Well would not flow on own after it was bled down. Swabbed on well several times. Getting some water back but well still will not flow long. Received orders to move to FC State Com #4. RD and move rig. FRR. Contacted Vance Roberts about move. Note: Unable to get well to flow and therefore could not get test.

REMARKS: PLAN TO FOLLOW THRU WITH WORK OVER 2-4-00 TO ELIMATE WATER IN MESA VERDE.