

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY
SUBMIT TO DUPLICATE *
(See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *						5. LEASE DESIGNATION AND SERIAL NO. NM 04202	
1a. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
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"/>						7. UNIT AGREEMENT NAME Johnston A	
2. NAME OF OPERATOR CONOCO INC.						8. FARM OR LEASE NAME, WELL NO. Johnston A #1	
3. ADDRESS OF OPERATOR 10 Desta Drive, Ste. 100W Midland, Texas 79705-4500 (915) 686-5424						9. API WELL NO. 30-045-11894	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 890' FSL & 790' FEL, UNIT LETTER "P" At top prod. Interval reported below At total depth						10. FIELD AND POOL, OR WILDCAT Blanco Mesa Verde	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 17, T28N-R9W						12. COUNTY OR PARISH San Juan County	
13. STATE NM						14. PERMIT NO.	
DATE ISSUED						15. DATE SPUDDED 11-20-65	
16. DATE T.D. REACHED						17. DATE COMPL. (Ready to prod.) 3-28-99	
18. ELEV. (DF, RKB, RT, GR, ETC) * 6274' GL						19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7123'						21. PLUG, BACK T.D. MD. & TVD 7123'	
22. IF MULTIPLE COMPL. HOW MANY *						23. INTERVALS DRILLED BY ROTARY <input checked="" 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)* 4508' - 5054' Blanco Mesa Verde						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE/GRADE		WEIGHT, LB/FT		DEPTH SET (MD)		HOLE SIZE	
10 3/4"		36#		255'		12 1/2"	
7 5/8"		23#		2686'		8 3/4"	
4 1/2"		11.6#/10.5#		7123'		6 1/4"	
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED		150 SX		375 SX	
275 SX							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT *	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		7014'					
31. PERFORATION RECORD (Interval, size and number)							
See Summary							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
33. * PRODUCTION							
DATE FIRST PRODUCTION 3-28-99		PRODUCTION METHOD (Flowing, gas lift, pumping - size, and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing DHC #1886	
DATE OF TEST 3-25-99		HOURS TESTED 24 HRS		CHOKE SIZE 1/2"		PROD'N FOR TEST PERIOD	
OIL - BBL 3		GAS - MCF 250 MCFPD		WATER - BBL 9		GAS - OIL RATIO	
FLOW. TUBING PRESS 38#		CASING PRESSURE 330#		CALCULATED 24 - HR RATE		OIL - BBL 3	
GAS - MCF 250 MCFPD		WATER - BBL 9		OIL GRAVITY - API (CORR)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) V						TEST WITNESSED BY RECORD Wesly Herrera w/Key Energy	
35. LIST OF ATTACHMENTS Summary						APR 09 1999	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <u>Verla Johnson</u>				TITLE <u>VERLA JOHNSON, As Agent for Conoco Inc.</u> DATE <u>3-29-99</u>			

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[illegible]

CONOCO INC.
Johnston A #1
API #30-045-11894
890' FSL & 790' FEL, UNIT LETTER "P"
Sec. 17, T28-R9W

- 3/15/99** Road unit from Jackson Com 1e. Spot equipt and rig. Well pressures 140# tbg, 240# csg. Bled off most of pressure to pit. Kill tbg w/ 5 bbls of water. ND wellhead, NU BOP. TOOH w/ 108 stands and a single of 2 3/8" tbg, tallying out (there was no SN in the well, bottom had 3 7/8" bit and bit sub). RD stripping head and NU for w/l. RU Blue Jet, RIH w/ GR tool and log correlation strip from 5300' to 4000'. POOH w/ GR and RIH w/ 4 1/2" Halliburton composite plug. Set plug @ 5150' (wlm). POOH w/ w/l. RU rig pump and start filling the csg. Pumped 80 bbls of water. Attempt to pressure test csg to 3000#. Did not test. Tried 2 times more, unsuccessful. RU w/ RIH to tag plug. Tagged plug @ 5150'. RD w/l.
- 3/16/99** Check well 100#. Bleed off pressure. PU Halliburton 4 1/2" RTTS pkr, TIH to 5086', set pkr and test bridge plug to 2000#. Held ok. Started working pkr uphole to isolate csg leak. Isolated leak between 4034' and 4066'. RU rig pump and established pump in rate of 1/2 bpm @ 1200#. TOOH w/ 4 stands to 3880'. Set pkr. RU BJ and prep to sqz cmt. Establish pump in rate w/ BJ pump truck @ 1 1/2 bpm @ 1500#. Lead in w/ 2 bbl of water and put away 100 sxs of Class H cmt and 2 % CACL @ 1 bpm. Max pressure 1475#. Displaced w/ 16.5 bbls fresh water. Ending pressure 1350#, fell to 922#. Hesitated for 30 mins. Pumped .1 bbl and pressure went up to 1975#. Total bbls pumped 44.7. Pkr is clear by +/- 50'. Approx. 200' cmt to clean out. **Notified Jim Lovato w/ BLM @ 11:42am of situation w/ leak and what our plan of action was going to be. He gave me a verbal ok to proceed.**
- 3/17/99** Check well 0#. Unset packer, TOOH w/ 4 1/2" RTTS pkr. TIH w/ 3 7/8" bit. Tag cmt top @ 3940'. PU swivel and break circulation. DO & CO cmt to 4159'. Circulate clean. RU pump and pressure test sqz to 500#. Held ok. Run 5 stands and secure well for the night. **Notified Jim Lovato w/ BLM of the pressure test results. Said everything was fine and would await paperwork on squeeze.**
- 3/18/99** Check well 0#. TOOH w/ 2 3/8" tbg & 3 7/8" bit. RU Blue Jet, GIH w / 3 1/8" select fire gun. Attempt to shoot 27 (18 gm) holes, shot off 7 shots and did not feel any, POOH to check gun. Attempt to shoot again and failed. Third time perfed all 27 holes as follows: 4797',99',4803',05',16',48',50',52',71',76',79',83',86',92',97',4903',37',39',55',57',59',64',66',87',89',5052' & 54'. RD w/l. PUtallying 2 3/8" N/80 tbg. and 4 1/2" Halliburton RTTS pkr, TIH 136 jts to 4288'. Set pkr. Put 300# on backside. RU BJ and prep to breakdown perfs. Breakdown w/ 500 gals 15% HCL w/ additives. Max pressure 3000#, avg pressure 1600#, rate 3 bpm, ISDP 200#, flushed w/ 28.6 bbls of water. Fluid to recover 49.7 bbls. Saw very good ball action, balled off w/ 41- 7/8" (1.3sg) ball sealers. RD BJ. TIH w/ 9 stands and knock off balls w/ pkr. TOOH w/ 9 stands. Set pkr @ 4288'. Pressure test to 500#. Install frac valve.
- 3/19/99** RU BJ, test lines to 6000#, prep to frac PLO. Frac w/ 60480 gals low gel, 59800# 20/40 AZ sand and 24432# 20/40 SDC, max pressure 4754#, avg pressure 4277#, rate 17.9 bpm, ISDP 350# down to 0# in 5 mins, max sand conc. 2.5#. Fluid to recover 1259 bbls. RD BJ. Unset pkr, and TOOH. RU Blue Jet, and GIH w/ Halliburton 4 1/2" composite plug. Set plug @ 4750'. POOH w/ w/l and pressure test plug to 500#. Held ok. GIH w/ w/l & 3 1/8" select fire perforating gun. Perforate Menefee w/ 20- (18gm) shots as follows: 4508',11',14',17',20',41',43',4626',28',30',32',34',44',46',48',4713',16',19',22',25'. POOH w/ w/l. RD w/l. TIH w/ N/80 frac string (2 3/8") & Halliburton RTTS pkr. Set pkr @ 4288'. RU BJ, pressure test lines to 6000# and prep to acidize & breakdown perfs. Breakdown w/ 500 gals HCL & additives, max breakdown pressure 2850#, acid pump pressure & rate: 1720# @ 5 bpm, shutdown pressure 4850#. Balled off using 30- 7/8" (1.3sg) ball sealers. Flow back well and unset pkr. TIH to 4750', knocking off balls w/ pkr. TOOH to 4288', reset pkr. RU frac line and prep to frac Menefee. Frac'd w/ 46620 gals low gel, 53480# 20/40 AZ sand, screened out , unable to get any of the SDC sand into the well. Max pressure 4950#, avg pressure 4678#, rate 15 bpm, ISDP 1350# down to 1141# in 15 mins., max sand conc. 2.5#. Fluid to recover 740 bbls. RD .

CONOCO INC.
Johnston A #1
API #30-045-11894
890' FSL & 790' FEL, UNIT LETTER "P"
Sec. 17, T28-R9W

- 3/22/99** Check well 170#. Bleed off pressure. Unset packer. TOO H, laying down N/80 tbg. RU gas compressors and gas lines. TIH w/ 3 7/8" bit, blowing with gas. Made it down to 3000'.
- 3/23/99** Check well 380#. Bleed off pressure. Blow w/gas compressors, stage in hole blowing well. Tag fill @ 4635'. CO sand to 4750'. PU swivel, DO 4 1/2" Halliburton composite plug. Well loading up compressors quite heavily. 1000# on the compressors. Pull up above the perms. Blow well w/ gas @ 4508'. Had to pump fluid down tbg to bring well around. Kept well flowing overnight to try and unload some water.
- 3/24/99** Blowing well w/ gas @ 4508'. Making heavy fluid, 550# on compressors. TIH w/ 3 7/8" bit, blowing well w/gas, tag fill @ 4982'. PU swivel, finish drilling up bridge plug, CO fill to second 4 1/2" Halliburton composite plug @ 5150'. Circulate well off bottom, ran 5 bbl sweeps. Pull up above the perms to 2000'.
- 3/25/99** Check well 800#. Bleed off pressure. TOO H w/ 3 7/8" bit, TIH w/ seating nipple. Land tbg on slips @ 4762'. Start flowing well on 1/2" choke. Well making both oil & water. Plan on flowing well overnight.
- 3/26/99** MV TEST: 38# TBG, 330# CSG, 3 BOPD, 9 BWPD, 250 MCFPD, 1/2" CHOKE, TBG LANDED 4762', test witnessed by: Wesley Herrera w/ Key Energy. Bleed off csg, kill tbg. TOO H w/ seating nipple, TIH w/ 3 7/8" bit. Tag fill @ 5092', CO fill, PU swivel. DO composite plug @ 5150'. Chase plug downhole, tag fill @ 7013'. Finish drilling up plug, CO fill to 7090'. Circulate on bottom. Pull above Dakota .
- 3/27/99** Check well 650#. Bleed off pressure. TIH w/ tbg, tag fill @ 7044'. CO fill to 7090'. Run sweeps & blow well off bottom. Pull up above perms.
- 3/28/99** Check well 500#. Bleed off pressure. TIH & tag fill @ 7080'. TOO H w/ 3 7/8" bit. TIH w/ seating nipple and 1/2 mule shoe. Land 2 3/8" tbg w/ 221 jts @ 7014, 7026 w/ KB added . ND BOP & NU wellhead. Blow well around w/ gas. Break down pump lines, and RD unit. Break down gas compressors and lines. Prep to move rig on Monday.