

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

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.			8. Lease Name and Well No. JOHNS FEDERAL 1B		
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252			9. API Well No. 30-045-30658		
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface SWNE 1569FNL 2005FEL At top prod interval reported below At total depth			10. Field and Pool, or Exploratory BLANCO MESAVERDE		
14. Date Spudded 06/14/2001			15. Date T.D. Reached 06/25/2001		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod. 09/06/2001			17. Elevations (DF, KB, RT, GL)* 6680 GL		
18. Total Depth: MD TVD 5980		19. Plug Back T.D.: MD TVD 5938		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL, TDT, GR/CCL				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 type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit analysis)	

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0		309		139		0	
8.750	7.000 J-55	20.0		3306		528	515	1900	
6.250	4.500 J-55	11.0		5976		218		3750	4950

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	5690							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESAVERDE	5156	5886	5156 TO 5506		30	
B)			5620 TO 5886		38	
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
5156 TO 5506	FRAC W/125,000 #20/40 SAND & 280,000 SCF N2
5620 TO 5886	FRAC W/150,000# 20/40 SAND & 860,000 SCF NW

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
09/11/2001	09/11/2001	24	→	2.0	1330.0	0.0			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	200	400.0	→					GSI	

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
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

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

ELECTRONIC SUBMISSION #8493 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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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
PJP ALAMO	2260	2407		OJO ALAMO KIRTLAND FRUITLAND FMA PICTURED CLIFFS LEWIS HUERFANITO BENTONITE CHACRA UPPER CLIFFHOUSE MASSIVE CLIFFHOUSE MENELEE POINT LOOKOUT	2260 2408 2648 3277 3466 3972 4454 4838 5148 5241 5598

32. Additional remarks (include plugging procedure):

This well is a Blanco Mesaverde single. Daily's are attached.

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 #8493 Verified by the BLM Well Information System.

For CONOCO INC., sent to the Farmington
Committed to AFMSS for processing by Lucy Bee on 11/05/2001 ()

Name (please print) DEBORAH MARBERRY

Title SUBMITTING CONTACT

Signature _____ (Electronic Submission)

Date 11/05/2001

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.

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Daily Summary

API	300453065800	County	SAN JUAN	State/Province	NEW MEXICO	Surface Legal Location	NMPM-32N-11W-18-G	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
KB Elev (ft)	6693.00	Ground Elev (ft)	6680.00	Plug Back Total Depth (ftKB)	5,976.0	Spud Date	6/14/2001	Rig Release Date	6/25/2001	Latitude (DMS)	Longitude (DMS)
										36° 59' 16.6776" N	108° 1' 36.2208" W

Start	Ops This Rpt
6/30/2001	HELD SAFETY MEETING. RU SCHLUMBERGER. HELD 1000 # ON 4 1/2" CSG. RAN CBL LOG FROM 5914' TO 3540'. TOP OF CEMENT @ 3740'. RAN TDT LOG FROM 5914' TO 1800'. RAN GR/CCL LOG FROM 5914' TO SURFACE. RD SCHLUMBERGR. INSTALLED FRAC VALVE. TESTED CSG TO 4300 # HELD OK. SWI.
7/12/2001	Rigged up Blue Jet to perforate the Point Lookout (MV). Perforate @ 5878' - 5886' with 1/2 SPF. Total holes 5. Perforate @ 5824' - 5830' with 1/2 SPF Total holes 4. Perforate 5804' - 5808' with 1/2 SPF Total holes 3. Perforate 5789' - 5791' with 1/2 SPF. Total holes 2. Perforate 5747' - 5751' with 1/2 SPF Total holes 3. Perforate 5724' - 5728' with 1/2 SPF Total holes 3. Perforate 5660' - 5680' with 1/2 SPF Total holes 11. Perforate 5620' - 5632' with 1/2 SPF Total holes 7. Total holes for the Point Lookout (MV) 38. Perforate with 3 1/8" HSC with .34" hole size. Rigged down Blue Jet. Rigged up Hallib for water breakdown. Pumped KCL Water with 46 Bio Balls @ 17 BPM @ 150 psi. Had good ball action. Max pressure 2700 psi. ISIP - Vacuum. Rigged down Hallib. SHUT DOWN
7/13/2001	Rigged up Hallib to frac. Fraced the Point Lookout (MV) with 150,000# of 20/40 Brady sand @ approx 55 BPM @ approx 2200 psi. Total N2 pumped 860,000 SCF. Max sand conc 4 #/ gal. Max pressure 2200 psi. ISIP - Vacuum. Rigged up Blue Jet, set Hallib Composite plug @ 5570'. Loaded casing and tested plug to 3800 psi. OK. Perforated the Menefee / Cliffhouse @ 5500' - 5506' with 1/2 SPF Total holes 4. Perforated @ 5436' - 5442' with 1/2 SPF Total holes 4. Perforated @ 5314' - 5320' with 1/2 SPF Total holes 4. Perforated @ 5208' - 5224' with 1/2 SPF Total holes 9. Perforated @ 5156' - 5172' with 1/2 SPF Total holes 9. Total holes for the Menefee / Cliffhouse (MV) 30 holes. Pumped water breakdown with 36 ball sealers @ 15 BPM @ 2800 psi. Well balled off. RIH with Junk Basket and retrieved 36 balls with 29 hits. Rigged down Blue Jet. Fraced the Menefee / Cliffhouse with 125,000 # of 20/40 Brady sand @ 47 BPM @ 3200 psi. Total N2 Pumped 1,140,000 SCF. Max sand conc 4# / Gal. ISIP 1287 psi. Rigged down Halliburton.

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KB Elev (ft) 6693.00	Ground Elev (ft) 6680.00	Plug Back Total Depth (ftKB) 5,976.0	Spud Date 6/14/2001	Rig Release Date 6/25/2001	Latitude (DMS) 36° 59' 16.6776" N	Longitude (DMS) 108° 1' 36.2208" W	

Start	Ops This Rpt
8/23/2001	ready rig for move, drive rig to location, spot in rig, spot in equipment, rig up pump and pit, ck well, 830 psi, rig up 2" flow line, open well to flare pit, blow well rest of day through 1/2" choke, continue through night with flowback man,
8/24/2001	check well, still flowing up casing with 300lbs through 1/2" choke, kill well with 40 bbls 2% Kcl water, take 2 - 4" Frac valves off, set test plug in wellhead, nipple up bop's, rig up Quadco, test bop's, good test, rig down Quadco, Rig up bluejet, held safety meeting, run and set 4 1/2" CIBP at 3904', fill well with 2% Kcl water & test to 1000psi, good test, standby until EPNG disconnected meter run sender, have bluejet go in hole, correlate to schium gr/tdt/ccl log, perforate with 4 squeeze holes shot at 3650', pump 80 bbls down 4 1/2" casing and establish good circulation up the 7" casing, shut in well, rig down wireline
8/27/2001	hold safety meeting, pick up halliburton pkr, gih picking up new 2 3/8's tubing off float, pick up 94 jts, bottom of pkr at 2980' KB, rig up and pump down tubing to fill 4 1/2" & 7" pump 170 bbls and no circulation, set pkr, hold safety meeting, rig up BJ, fill and test backside to 500 lbs, (took 1 bbl to fill casing, test lines to 2000 - good, pump 10 bbl dye - 20 bbl water - 84 bbl (240 sks) premium lite high strength FM cmt mixed at 12.5ppg and 3bpm, halfway through cementing got partial returns, 1/2 - 1/8th returns, (never full returns), shut down and wash pumps and lines, displace with 21 bbl at 1.2 bpm and slowing to .8 bpm, psi came slowly up to 310psi till 1/2 bbl to go then started to fall, had 140 psi on tubing and shut in, left 90' of cmt in casing, close well in for day.
8/28/2001	hold safety meeting, ck psi on tubing, none, put 1000lbs down tubing to cement, held, release pkr & pooh, lay down pkr, gih with spade bit and tag cmt at 3636', (should of been 3572'), pick up power swivel and drill out cmt, circ hole clean, pump psi test to 800psi, no drop in psi, pooh, wait on wireline, rig up blue jet, held safety meeting, attempt to log, tools would not go past 2980, rig down wireline, pick up and gih with full sized mill to 2980' and on to cibp at 3904', pooh, rig up wireline and run CBL from 3700' up to 2500', found top of cmt at 3094', (7" casing set at 3306'), 212' overlap, cmt job okay, rig down wireline, close in well. on 8/29/01 checked with Mike Kelly at BLM office and was told cmt top & overlap was okay
8/29/2001	hold safety meeting, rig up gas comps & gas lines, GIH with 4 1/2" metal muncher & 184 jts if tubing, tag plug at 3904', rig up pwr swivel, wait on roustabouts, rig up 6" blooie line, get gas comps ready, unload well, start drilling cibp, stay there rest of the day, make hole in plug, pull swivel off, close in well
8/30/2001	Key Energy had safety shut down in morning with meetings at college. ck psi - 700lbs, blow well down, kill tubing, rig up power swivel, unload well with gas comps, tag and finish drilling cbp, pump 2 soap sweeps, rig down pwr swivel, gih picking up tubing & tag fill at 5480' with 173 jts, rig up pwr swivel, unload well and clean fill to 5532', stay there rest of day pumping sweeps every hour, down pwr swivel, pull up to 5000' (158jts), close in well
8/31/2001	hold safety meeting ck well psi's, tubing 510 psi, casing 640 psi, open and blow down well, kill tubing and go in hole - tag fill at 5530', rig up gas, unload well, cleanup fill to plug at 5570', well making sand, stay there rest of day pumping soap sweeps every hour, pull to 5060' (160 jts), allow well to flow up 2 3/8's tubing to clean up over weekend.
9/1/2001	flow well 24 hrs to clean up 50 psi on tubing, 380 psi on casing
9/2/2001	flow well 24 hrs to clean up 40 psi on tubing, 310 psi on casing
9/3/2001	flow well 24 hrs to clean up 30 psi on tubing, 260 psi on casing
9/4/2001	ck well psi's, flowing up 2" full open 30 psi, 240 on casing, rig up 1/2" choke on 2 3/8's tubing for 4 hour test, TEST TODAY ---upper mesaverde formation--- perfs 5156' - 5506', tubing-5060' psi leveled out at 130 psi tubing, 250 psi casing, 130 times 6.6 factor = 858 MCFPD well making --- no sand, 10 bbl water per day, 2 bbl oil per day witnessed by victor barrios & lorenzo acosta open and blow down well, went in and tagged plug, no sand, rig up power swivel, start drilling on cibp with metal muncher mill, drill there rest of day, pull to 5060' (160 jts), shut in well
9/5/2001	ck well psi's, tubing 380lbs - casing 420lbs, gih, tag plug, no fill, drill on plug rest of day, could not drill out, pump soap sweeps, lay down power swivel, pooh to check metal muncher mill, okay, gih to 3790' (120 jts), close in well

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Start	Ops This Rpt
9/6/2001	ck well psi's, tubing 520lbs -- casing 540lbs, blow down well, gih to plug, pick up power swivel, unload well, conintue to drill on plug, drill out plug, pump soap sweep, gih and tag fill at 5820', clean fill to 5934', pump sweeps, lay down power swivel, pull to 5060' (160 jts in hole), rig up to 1/2" choke to flow overnight.

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Start	Ops This Rpt
9/7/2001	check well for psi's, 200lbs through 1/2" choke - 400lbs on casing, blow down well and kill tubing, pooh with c/o tools and go in hole with mule shoe, seating nipple and 126 jts tubing, close in well for weekend.
9/10/2001	check psi's, 560lbs on tubing and casing, blow down well, kill tubing and go in hole and tag fill at 5890' with 186 joints, rig up gas comps, clean fill rest of day (50') pump soap sweeps every hour, well making sand, pull up to 5640', 180 jts in hole, make well flow up tubing and through 1/2" choke over night to clean up
9/11/2001	flowed well over night *---FINAL TEST TODAY---* well flowing up 2 3/8's tubing through 1/2" choke, tubing at 5640' well flow stablized at 200 psi on tubing, casing - 400 psi 200psi times factor of 6.6 = 1,320,000 MCFPD upper Mesaverde = 800,000 MCFPD perfs 5156' - 5506' lower Mesaverde = 530,000 MCFPD perfs 5620' - 5886' no sand, no water, 2 bbls oil per day wittnessed by victor barrios and lorenzo acosta blow down and kill well, ckeck for fill, none,pull up and land tubing at 5690', nipple down bop's, rig up up well head, kick off well and get ready to move sent in 3 joints -- 2 new "A" to conoco yard, 1 to FIS