

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**

5. Lease Serial No.  
**NMNM04241**

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. <b>NMNM73246</b>		
2. Name of Operator <b>CONOCO INC</b>			8. Lease Name and Well No. <b>FLORANCE E LS 1B</b>		
3. Address <b>PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197</b>			9. API Well No. <b>30-045-30134-00-S1</b>		
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface <b>SENW 1345FNL 1960FWL</b> At top prod interval reported below At total depth			10. Field and Pool, or Exploratory <b>BLANCO MESAVERDE</b>		
14. Date Spudded <b>08/20/2001</b>			15. Date T.D. Reached <b>08/25/2001</b>		
16. Date Completed <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod <b>10/19/2001</b>			17. Elevations (DF, KB, RT, GL)* <b>5861 GL</b>		
18. Total Depth: MD TVD <b>5128</b>		19. Plug Back T.D.: MD TVD <b>5084</b>		20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) <b>THERMALDECAITIM CEMENTBOND</b>			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 checked="" type="checkbox"/> No <input 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		307		139		0	
8.750	7.000 J-55	20.0		1960		330		0	
6.250	4.500 J-55	11.0		5125		258		1300	

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	4646							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	3910	4715	3910 TO 4715			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
3910 TO 4166	FRAC 2/ 130,000 BRADY SAND, 652,000 SCF N2, 704 BB
3910 TO 4166	ACIDIZED W/ 1000 GALS OF 15% HCL
4399 TO 4715	ACIDIZED W/ 1000 GALS OF 15% HCL
4399 TO 4715	FRAC W/ 139,000# BRADY SAND, 888,000 SCF N2, 919 B

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
10/31/2001	10/19/2001	24	→	1.0	1980.0	10.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	SI	300	→					PGW	

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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						FOR RECORD

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

ELECTRONIC SUBMISSION #8815 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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SUN OFFICE

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## Daily Summary

API	300453013400	County	SAN JUAN	State/Province	NEW MEXICO	Surface Legal Location	NMPM-29N-10W-1-F	NS Dist. (ft)	1600.0	NS Flag	N	EW Dist. (ft)	1980.0	EW Flag	W
Ground Elev (ft)	5861.00	Spud Date	8/20/2001	Rig Release Date	8/25/2001	Latitude (DMS)	36° 45' 24.6276" N	Longitude (DMS)				107° 50' 16.8" W			

Start	Ops This Rpt
9/12/2001	Rigged up Schlumberger wireline. Ran TDT Log from 5055' to 1050'. Ran Gamma Ray Log from 1050' to surface. Ran CBL Log from 5053' to 2390'. Ran log with 1500 psi pressure. TOC @ 2640'. Rigged down Schlumberger wireline. Tested casing to 4300 psi. - OK. SHUT DOWN
9/25/2001	RU Blue Jet Perforate Point Lookout and Lower Menefee, from 4399' to 4715' w/1/2 spf. RD Blue Jet. SWI SDFN
9/26/2001	Rigged up BJ to frac. Pumped 1000 gals of 15% HCL Acid with 70 ball sealers. Avg rate 15 BPM @ 300 psi avg pressure. Well balled off. Max pressure 3700 psi. Rigged up Blue Jet. RIH with junk basket. Retrieved 65 balls with 45 hit's. Fraced with 139,000# of 20/40 Brady sand. Total N2 pumped 888,000 SCF. Avg rate 70 BPM @ 2200 psi avg pressure. Max sand conc 4#/ gal. ISIP Vacuum. Rigged up Blue Jet to set plug. Set Hallib Fas Drill Plug @ 4205'. Tested plug to 3500 psi. - OK. Rigged up Blue Jet to perforate. Perforated the Cliffhouse/Upper Menefee. Perforated @ 3910' - 4166' with 1/2 SPF Total holes 42. Perforated. Rigged up BJ to breakdown. Pumped 1000 gals of 15% HCL Acid with 70 ball sealers. Pumped Acid @ 15 BPM @ 600 psi. Well balled off. Retrieved 70 balls with 40 hit's. Rigged up BJ to frac. Pumped 130,000# of 20/40 Brady sand with 652,000 SCF of N2. Avg pressure 2700 psi @ 60 BPM Avg rate. ISIP - 1650# 5 min 1127# SWI and RD BJ.
10/4/2001	Road rig tp location. Rig up and spot all equipment. Rig up pump and pit. Shut in casing pressure 920 psi. Blow well down. ND Frac valves. NUBOP. Spot in float with Tbg. SHUT DOWN
10/5/2001	Check psi on well 125# on csg. Blow well to pit. RU and test BOP's pipes and blinds, held ok. RU Blue Jet set Comp. BP @ 2800' POH w/ setting tool. Psi tested BP to 1000# held ok. PU and RIH w/ 3 1/8" Perforating gun. shot 4 holes @ 2612' POH w/ gun. Pumped in to holes @ 3bbls/min 650# No returns. SDFEW.
10/8/2001	Check psi on well. 0# on csg. TIH w/ 4 1/2" CMT Ret. Set Ret. @ 2502' RU BJ Services. Pump 175 sxs. of 12.5 ppg Premium lite high strength CMT. @ 650# Ave psi and 2bbls/min. No returns. Displaced w/ 8 bbls fresh wtr. Sting out Rev. out. TOH w/ setting tool. SDFN WOC
10/9/2001	Check psi on well. 0# on csg. RU Blue Jet, PU and RIH w/ CBL Ran CBL from 2500' to 1300' Results are as follows: 100% bond from 2500' to 2150' 40% to 60% from 2150' to 1300' (Called Jim Lavato w/ BLM @ 10:30 am, left message to confirm results) PU and RIH w/ 3 7/8" bit, bit sub, 6-3 1/8" DC w/ X-Over sub and tbg. SD WO BLM.
10/10/2001	Talked w/ Jim Lavato BLM @ 6:50 am. Discussed CBL results and decided CMT was good. Check psi on well 0# on well. RIH w/ Tbg. Tagged CMT RET. @ 2500' D/O RET. and CMT to 2600' Tested Sqz. holes to 500# TOH w/ tbg. LD 6 - 3 1/8" DC's SDFN
10/11/2001	Check psi on well 0#. RU C/O Equip. TIH w/ 3 7/8" MT bit and Tbg. Tag TOP of BP @ 2800' Wiat on Gas Comp. mech. from 1:00 pm to 6:00 pm. SDFN
10/12/2001	Check psi on well 0#. WO gas Comp Mech. untill 10:00 am St gas Comp unload hole. D/O BP @ 2800' well started flowing N2 and wtr. Wait for well to Blow Down. SDFN
10/15/2001	RIH to top perf. Started 2 drill gas compressors and unloaded well. Continued to RIH and tagged sand @ 4153'. Started 2 drill gas compressors and cleaned sand to Hallib Plug @ 4205'. Flowed well to clean up. Well still making heavy sand and fluid. Pull up the hole 9 jts. SHUT DOWN
10/16/2001	Checked well pressures. Csg - 760 psi. RIH to tag for fill. Tagged @ 4200' for 5' of fill. Started 2 drill gas compressors and unloaded well. Pull 2 3/8" tbg up to 3953'. Rigged up to test the Upper Cliffhouse / Cliffhouse / Upper Menefee perfs from 3910' - 4166'. Tested as follows. Flowing thru 1/2" choke nipple. Tbg - 100 psi. Csg - 300 psi. MCFPD = 660. Water - 3 bbls. Oil - 1/2 bbls. Witnessed by Nick James with Key Energy. RIH and tagged sand fill @ 4200'. Started 2 drill gas compressors and cleaned sand to Hallib Fas Drill Plug @ 4205'. Drilled up Hallib Fas Drill Plug @ 4205'. Continued to RIH and tagged sand fill 5039'. Started 2 drill gas compressors and cleaned sand fill to PBTD. Blew well to clean up. Pulled up above the perfs. SHUT DOWN
10/17/2001	Checked well pressures. Csg - 340 psi. Blow well down. POOH with 2 3/8" tbg with mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Run 124 jts of 2 3/8" tubing and started 2 drill gas compressors, unloaded well. Well still making heavy fluid. Fluid rates slowing down at end of day. SHUT DOWN
10/18/2001	Checked well pressures. Csg - 600 psi. Tbg - 600 psi. Blow well down. RIH and tagged sand fill @ 5045'. Started 2 drill gas compressors and cleaned sand fill to PBTD @ 5066'. Blow well to clean up. Pulled up the hole to 3923'. Started flowing the well up the tubing thru 1/2" choke nipple. Tbg pressure not stablized. SHUT DOWN
10/19/2001	Checked well pressures. Tbg - 600 psi. Csg - 600 psi. Blow well down. With 2 3/8" tbg @ 3923' installed 1/2" choke nipple. Flowed well up the tubing to test the Mesa Verde zone. Well tested as follows. Tbg - 300 psi. Csg - 460 psi. MCFPD = 1980. Water - 10 bbls. Oil - 1 bbl. Witnessed by Freddie Lopez with Key Energy. RIH to tag for fill. Started 2 drill gas compressors and cleaned sand fill to PBTD @ 5066'. Pulled up and landed 2 3/8" tubing @ 4646' with 147 jts. NDBOP & NUWH. Rigged down equipment. FINAL REPORT