

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.
NMSF078998

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 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. NMNM78423B	
2. Name of Operator CONOCOPHILLIPS COMPANY		8. Lease Name and Well No. ST 32-7 UNIT # 68	
3. Address P O BOX 2197 WL 6106 HOUSTON, TX 77252		9. API Well No. 30-045-24776-00-C2	
4. Location of Well (Report location clearly and in accordance with Federal requirements) Sec 34 T32N R7W Mer NMP At surface SESE 0920FSL 1080FEL 36.93282 N Lat, 107.54839 W Lon At top prod interval reported below At total depth		10. Field and Pool, or Exploratory BLANCO MESAVERDE 11. Sec., T., R., M., or Block and Survey or Area Sec 34 T32N R7W Mer NMP 12. County or Parish SAN JUAN 13. State NM	
14. Date Spudded 01/14/1981	15. Date T.D. Reached 01/23/1981	16. Date Completed <input type="checkbox"/> D & A 12/02/2004	
18. Total Depth: MD 8310 TVD	19. Plug Back T.D.: MD 8235 TVD	20. Depth Bridge Plug Set: MD TVD	
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) CBL		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 K-55	36.0	0	350		185		0	
8.750	7.000 K-55	20.0	0	4012		150		0	
6.250	4.500 K-55	10.5	0	8307		360		0	

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	8183							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	5689	6075	5689 TO 6075	0.340	31	OPEN
B)						
C)						
D)						

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

Depth Interval	Amount and Type of Material
5689 TO 6075	FRAC'D W/1899 BBLs 65Q SLICKFOAM; 200,000# 16/30 BRADY SAND & 2,613,590 SCF OF N2.

ACCEPTED FOR RECORD

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
12/02/2004	11/30/2004	24	→	0.0	3570.0	1.0			FARMINGTON FIELD OFFICE
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2	SI	555.0	→	0	3570	1		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	
	SI		→						

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

ELECTRONIC SUBMISSION #51957 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

NMOC

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.)

VENTED

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
DAKOTA				DAKOTA OJO ALAMO FRUITLAND LEWIS CLIFF HOUSE MANCOS GALLUP GREENHORN	3045 3443 3812 5832 6312 7137 8020

32. Additional remarks (include plugging procedure):

This well was recompleted to the Blanco Mesaverde and is now a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Daily summary is 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 #51957 Verified by the BLM Well Information System.
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 12/28/2004 (05MXH0269SE)

Name (please print) CHRIS GUSTARTIS

Title AUTHORIZED REPRESENTATIVE

Signature (Electronic Submission)

Date 12/16/2004

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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Daily Summary

API/UWI 300452477600	County San Juan	State/Province NEW MEXICO	Surface Legal Location NMPM-32N-07W-34-P	N/S Dist. (ft) 919.9	N/S Ref. S	E/W Dist. (ft) 1080.1	E/W Ref. E
Ground Elevation (ft) 6753.00	Spud Date 01/14/1981	Rig Release Date 01/28/1981	Latitude (DMS)	Longitude (DMS)			

Start Date	Ops This Rot
11/04/2004 13:30	MOVE RIG TO LOCATION. HOLD SAFETY MEETING AND WRITE JSA. CHECK LOTO AND LEL. MOLRU. SECURE WELL AND LOCATION AND SDFN
11/05/2004 07:30	HOLD SAFETY MEETING AND WRITE JSA. CHECK PRESSURE AND BLOW WELL DOWN TO FLOW BACK TANK. SICP - 520 PSI. RIG UP SLICKLINE AND ATTEMPT TO PULL PLUNGER SPRING. UNABLE TO RETRIEVE SPRING. SET CW PLUG ON TOP OF SPRING AND PUMP 2 BBL OF 2% KCL WATER DOWN TBG. SET 2 WAY CHECK IN TBG HANGER AND REMOVE WELLHEAD. NIPPLE UP BOP AND PRESSURE TEST. TEST BLIND RAMS TO 250 PSI FOR 3 MIN AND 3000 PSI FOR 10 MIN. TEST TBG RAMS TO 250 PSI FOR 3 MIN AND 3000 PSI FOR 10 MIN. GOOD TEST. REMOVE 2 WAY CHECK VALVE AND LAY DOWN TBG HANGER. WAIT ON FLOAT TO LAY DOWN TBG (TRUCK BROKE DOWN), LAY DOWN AND STRAP 150 JTS OF 2-3/8" TBG. SECURE WELL AND LOCATION AND SDFN.
11/08/2004 07:30	HOLD SAFETY MEETING AND WRITE JSA. LAY DOWN AND STRAP 2-3/8" TBG. LAYED DOWN 260 JTS (8238.42') PLUS 5.88' BHA (MS, FN, PUP JT). RIG UP BLUEJET AND SET CIBP @ 6200'. LOAD WELL WITH 2% KCL AND PRESSURE TEST TO 500 PSI AND RUN CBL. RIG DOWN FLOOR, SECURE WELL AND LOCATION AND SDFN
11/09/2004 08:00	HOLD SAFETY MEETING AND WRITE JSA. CHECK LOTO. NIPPLE DOWN BOP AND INSTALL FRAC VALVE. WAIT ON WOOD GROUP TO PRESSURE TEST CSG. RIG UP STINGER ISOLATION TOOL AND WOOD GROUP. PRESSURE TEST 4-1/2", 10.5" CSG TO 4300 PSI. HOLD FOR 15 MIN. BLEED PRESSURE OFF, RIG DOWN WOOD GROUP AND STINGER. SECURE WELL AND LOCATION AND SDFN
11/10/2004 07:30	SAFETY MEETING AND JSA. RIG DOWN AND PREPARE TO MOVE TO SAN JUAN 32-8 #242A. RIG RELEASED @ 09:30. PREP COMPLETE. WILL RETURN AND CLEAN OUT AFTER FRAC.
11/11/2004 17:30	HELD PJSM, DISCUSSED DAYS EVENTS AND WAYS TO PREVENT INCIDENT. CK PSI=0#. ND FRAC VALVE, NU 7 1/16" 5M SPOOL, NU FRAC VALVE. RU WOOD GROUP TEST UNIT. PRESSURE TEST TO 1000#. CSG VALVE LEAKING. BWD, RD R&R 2 1/16" 3M CSG VALVE. RE-TEST STACK TO 3000#. TEST WAS GOOD. WITNESSED BY DAN TRAMP W/ WOOD GROUP. PJSM W/ BLUE JET WL. CK WH FOR VOLTAGE, RU WL AND MAST TRUCK. PU AND RIH W/ 3 1/8" SF GUNS W/ 12G 306T 90° PP CHARGES AND PERFORATE THE MESA VERDE FORMATION AS FOLLOWS: 5689'-5693', 5742'-5748', 5767'-5775', 5920'-5924', 5967'-5979', 6002'-6006', 6028'-6032', 6071'-6075'. ALL HOLES ARE 1/2 SPF FOR A TOTAL OF (31) .34" HOLES. SECURE WELL. PJSM W/ MO-TE. RU AND HEAT 7 TANKS OF FRAC WATER TO 100°.
11/12/2004 17:30	RU STINGER ISOLATION TOOL. RU HALLIBURTON FRAC EQUIPMENT. PRESSURE TEST LINES TO 5300#, SET POP-OFF VALVE (PRV) @ 3900#. BD FORMATION @ 2200#. START STEP TEST @ 30.8 BPM & 2630#, STEP TO 23 BPM & 1534#, STEP TO 15.6 BPM & 894#. STEP TO 8 BPM & 421#, FG= .45 PSI/FT. 5 MIN= 843#, 10 MIN = 763#. SPEAR HEAD 1000 GAL 15% HCL AHEAD OF PAD. @ 5 bpm & 283# FRAC PLO/ MEN / CH W/ 1899 bbl 65Q SLICK FOAM. PLACED 200,000# 16/30 BRADY SAND @ AV RATE OF 59 BPM, AV PSI OF 3361#, MAX RATE = 71 BPM, MAX PSI= 3749#. TOTAL N2= 2,613,590 SCF. ISIP= 2034#. FTR= 1900 BBL. RD SERVICE COMPANYS. OPEN WELL TO FLOW ON 14/64" CHOKE. STARTING PRESSURE OF 1200#.
11/18/2004 07:00	Rig Crew on San Juan 29-6 #76M, waiting on mechanic. Dawn Trucking move in & spot all other equipment on location. Dawn finished, head home. Mechanic working on Key 30. Key 30 on the road - Gobenador to Middle Mesa. Spot Key 30 on Location. Drop Dog House. SIFN.
11/19/2004 08:00	Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: rigging up; laying iron to flowback; nipping up/down; testing BOP's. Raise Derrick; continue to rig up; Lay flowback line. Blow down casing: 1100 psi. Cutting out lots of tees, nipples. R&R, continue to flowback. Blow down casing: 1100 psi. Cutting out lots of tees, nipples. R&R, continue to flowback. ND Frac Valve & spool; Insert blanked off tubing hanger & lock down; NU BOP's; Set floor. Test BOP's: 300 psi low, 2000 psi high, Pipes & Blinds - all good. Secure well, drain up, SIFN.
11/22/2004 07:30	Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: Blowing down; laying extra iron; tripping in picking up. Make up & replace tees washed out. Start blowing down well: 940 psi. replacing iron as it washes out & laying 2nd line to flowback (2 3/8). Pump 80 bbl to kill well. Pull blanked hanger; PU Mill w/ float; TIH picking up off trailer. Pull 8 stands to get above perms. Secure well; Drain up; SIFN.
11/23/2004 07:00	Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: Cleaning out; Making up iron at vise; Washing down singles. Unload casing: (920 psi) & Trip back in to Clean out. Clean out & discover pipe count 5 joints off. Reset depths to Tag sand @ 6020' (55' perms covered) & clean out to CIBP at 6200' (180' fill). Tag CIBP & continue to blow around. TOH 10 stands to above perms for night. Secure well; Drain up; SIFN.
11/24/2004 06:30	Held Monthly Safety Meeting at COPC w/ rig operators. Crews met at Key for safety training. Meetings went long, crew truck broke down, decided to cut our losses & shut down.
11/29/2004 07:00	Key Energy could not field a rig crew.
11/30/2004 07:00	Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: Drilling out CIBP; Tripping; Replacing Iron; Trip Hazards; Ice & Snow. Blow down casing - 900 psi. Attempt to start Rig. Flow Test on 1/2" choke up casing - 520 psi. at start. 15 minutes: 560 psi (3.60 MMCFD). 30 minutes: 565 psi (3.63 MMCFD). 45 minutes: 545 psi (3.51 MMCFD). 60 minutes: 555 psi (3.57 MMCFD) and water @ 1 bbl/hr.; no oil. 75 minutes: 540 psi (3.48 MMCFD). Secure test; TIH to tag - no sand on CIBP. Make up Swivel; Start Air & unload hole. Drill out CIBP. Pump Sweep. Secure Swivel. Continue in slowly chasing plug, picking up singles. Stop 20 joints off bottom; Secure well; Drain up; SIFN.
12/01/2004 07:00	Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: Drilling out CIBP; Tripping; Replacing Iron; Trip Hazards; Ice & Snow. Blow down casing: 600 psi. Continue in hole. Tag @ 8250'. PU Swivel. Made 57' ft. to PBTD; Sweep; Blew on bottom 2 hrs.; Dry up; Lay down swivel. TOH w/ mill. Leave Kill string in (2 rows) & secure well; Drain up; SIFN.

SAN JUAN 32 7 UNIT #068

Daily Summary

Recompletion Final

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Start Date

Ops This Rot

12/02/2004 07:00 Held pre-job safety meeting w/ crew to discuss possible hazards & how to avoid them: Tripping; Replacing Iron; Trip Hazards; Ice & Snow. Rigging down. Blow down casing - 760 psi. Thaw out valves & blow lines. Start Equipment. Trip out of Hole. Kill w/ 60 bbl. Make up 1.78 'F' nipple, expendable check, TIH drifting all pipe to 1.901". Tag @ 8303'. Pick up 4 joints & land tubing. Cut O-Rings on hanger, call Wood Group for new O-Rings.

Land 258 joints 2 3/8" Tubing w/ End of Tubing @ 8183'.

Top of 1.78" F Profile Nipple @ 8181'.

NDBOP's; NU Wellhead; drop ball & pump out expendable check at 1150 psi. Secure Well. SIFN.