In lieu of Form 3160-5

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

RECEIVED

AUG 04 2010

	_ Fa	rmington Field Office
		u of Land Management Lease Number
	5.	NMSF - 078358
Type of Well	6.	If Indian, All. or
GAS	0.	Tribe Name
UAS		i ribe Name
	7.	Unit Agreement Name
Name of Operator	, ,	Huerfanito Unit
BURLINGTON		Truct tante Ont
RESOURCES OIL & GAS COMPANY LP	0	Man Manager O. Niasa I.
Address & Dhone No. of Operator	8.	Well Name & Number
Address & Phone No. of Operator		Huerfanito Unit 79M
PO Box 4289, Farmington, NM 87499 (505) 326-9700	9.	API Well No.
10 Box 4269, 1 diffingtion, 1441 67499 (303) 320-9700	9.	ATT WEILING.
		30-045-28948
Location of Well, Footage, Sec., T, R, M		20 012 202 10
	10.	Field and Pool
rf: Unit J (NWSE), 1795' FSL & 1730' FEL, Section 26, T27N, R9W, NMI	PM	
	Basi	n DK/Blanco MV
	11.	County and State
		San Juan Co., NM
	of Plans X	Other - P/B water producing
Casing Repair Water Sh	tine Fracturing ut off	RCVD AUG 9'10 OIL CONS. DIV.
Recompletion New Con Subsequent Report Plugging Non-Rou Casing Repair Water Sh	tine Fracturing	RCVD AUG 9'10
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Subsequent Report Plugging Non-Rou Casing Repair Water Sh Final Abandonment Altering Casing Conversion  Describe Proposed or Completed Operations rlington Resources wishes to P/B water producing zone CIBP & return well to prematic.	tine Fracturing ut off on to Injection	RCVD AUG 9'10 OIL CONS. DIV. DIST. 3
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# ConocoPhillips HUERFANITO UNIT 79M Expense - Water Shut Off

Lat 36° 32' 37.104" N

Long 107° 45' 15.156" W

#### **PROCEDURE**

- 1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COPC safety and environmental regulations. Test rig anchors prior to moving in rig.
- 2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview.
- 3. RU blow lines from casing valves and begin blowing down casing pressure. Kill well with produced Fruitland coal water, if necessary.
- 4. Pressure test tubing to 1000 psi before unseating the pump, release pressure.
- 5. TOOH with Rods (details below).

Number	Description
1	1-1/4" x 22' Polished Rod
1	3/4" Pony Rods (8')
262	3/4" plain sucker rods
2	3/4" Pony Rods (8', 8')
3	1 1/4" Sinker Bars (no neck, 75')
1	Shear Tool
3	1 1/4" Sinker Bars (no neck, 75')
1	3/4" Guide pony rod
1	2 X 1-1/4" X 12 X 16 RHAC-Z

- 6. ND wellhead and NU BOPE. PU and remove tubing hanger and tag for fill, adding additional joints as needed (tubing currently landed @ 6722', PBTD @ 6767') . Record fill depth in Wellview.
- 7. TOOH with tubing (details below).

Description
2-3/8" Tubing joint
2-3/8" pup joint (9', 9')
2-3/8" tubing joints
2-3/8" tubing joints
2-3/8" F nipple (ID 1.78")
PGA-1
Bull Plug

Use Tuboscope Unit to inspect tubing and record findings in Wellview. Make note of corrosion or scale. LD and replace any bad joints.

8. If fill is tagged, utilize the air package and CO to PBTD (6767'). If fill could not be CO to PBTD, please call Production Engineer to inform how much fill was left and confirm/adjust landing depth.

- 9. TIH with RBP and Packer, set RBP 138' Below Menefee perfs at 4650', test the RBP 500 psi for 10 min release packer and perform flow test for 4 hours. Notify Production Engineer water rate, if water rate is more than 5 barrels of water per hour proceed to squeeze Menefee perfs. otherwise go to the next step. **Note: Notify 24 hrs before to** regulatory agency any squeeze or CIBP installation
- 10. Reset RBP and set 100' below Point lookout Perf at 4850', test RBP 500 psi for 10 min and perform flow test 4 hrs. Notify Production Engineer water rate, if the total water rate from Menefee and Point lookout is more than 5 barrels of water per hour proceed to squeeze all Mesaverde perfs. Otherwise go to the step 11. **Note: Notify 24 hrs before to** regulatory agency any squeeze or CIBP installation
- 11. Unset RBP and set at 6590'. Perform flow test fo 4 hrs if water source is from this interval set a CIBP. Notify Production Engineer water rate. **Note: Notify 24 hrs before to regulatory agency any squeeze or CIBP installation.**
- 12. TIH with tubing. The tubing depth could change depend of the water source.

### Recommended

Tubing Drift ID:	1.901"
Land Tubing At:	6722'
Land F-Nipple At:	6721'

Number	Description
1	2-7/8" Mule shoe guide
1	2-3/8" F nipple (ID 1.78")
1	2-3/8" tubing joints (32')
1	2-3/8" Marker Joint
210	2-3/8" tubing joints

- 13. If there is an air package on location, skip to the next step. Run standing valve on shear tool, load tubing, and pressure test to 500#. Monitor pressure for 15 mins, and make a swab run to remove the fluid from the tubing. Retrieve standing valve.
- 14. ND BOPE, NU Wellhead. Pressure test tubing slowly with an air package as follows: pump 3 bbls pad, drop steel ball, pressure tubing up to 500 psi, and bypass air. Monitor pressure for 15 mins., then complete the operation by pumping off the expendable check. Note in Wellview the pressure in which the check pumped off. Notify the MSO that the well is ready to be turned over to Production Operations. Make swab run to kick-off the well, if necessary, then RDMO.

#### **Current Schematic** ConocoPhillips Well Name: HUERFANITO UNIT #79M Surface Legal Location Edit 3004528948 26-027N-009W NEW MEXICO BSN DK(PRO GAS) (B: Tubing Hanger Distance (ff) Ground Elevation (ft) KB Casing Flange Distance (M) ( 6:398 00 6,385.00 6,398 00 Well Config : Original Hole: 7/28/2010:10.44:16 AM@ nKB: ∫,nKB. (MD) (TVD) 6 — Polished Rod, 22.0ft 13 TUBING OLD, 23/8in 28 4 70lbs/ft, J-55, 13 ftkB, 44 ftkB Pony Rod, 8 Oft 36 44 PUP JOINT, 2 3/8in, 4 70lbs/ft Surface Casing Cement, 13-247, 6/4/1993, J-55, 44 ftkB, 62 ftkB 62 Cemented w/ 210 sx Class B cement 246 Circulated 14 bbls cement to surface. Surface, 8 5/8in, 8.097in, 13 ftKB, 247 ftKB 247 250 TUBING OLD, 23/8in 4.70lbs/ft, J-55, 62 ftKB, 2,177 1,302 Ojo Alamo, 1,302 Kirtland, 1,357 1,357 Production Casing Cement, 13-1,590, 1,588 6/16/1993, Cemented 3rd stage w/ 340 sx 1,590 Class G 65/35 poz followed by 100 sx Class G cement. Circulated 25 bbls cement to 1,814 Fruitland Coal, 1,814 surface. 2,090 Pictured Cliffs, 2,090 2,177 2,588 Huerfanito Bent, 2,588 3,012 Chacra, 3,012 -Sucker Rod, 6,550 Off 3,695 Cliff House, 3,695 3,760 Menetee, 3,760 TUBING, 2 3/8in, 4 70lbs/ft, J-55 4,400 Point Lookout, 4,400 2,177 ftKB, 6,689 ftKB 4,405 Hydraulic Fracture, 8/8/1993, 4,573 Frac'd w/ 149,000# 20/40 AZ Mesaverde, 4,405-4,750, 8/8/1993 Mancos, 4,573 sand; 122,052 gals slickwater. 4,750 Production Casing Cement, 1,781-5,037, 5,035 6/16/1993, Cemented 2nd stage w/ 738 sx 5,037 Class G 65/35 poz followed by 100 sx Class 5,582 G cement: TOC @ 1781' w/ 75% eff Gallup, 5,582 6,386 Greenhorn, 6,386 6,440 Graneros, 6,440 6,488 6,543 Dakota, 6,543 -Hydraulic Fracture, 8/7/1993, 6,586 Pony Rod, 16 Oft Frac'd w/ 103,500# 20/40 AZ Dakota, 6,488-6,736, 8/7/1993 6,602 sand, 15,856 gals 30# linear gel Sinker Bar, 75 Off w/ 60/70Q foam; 1,149,236 scf 6.677 Shear Tool, 1 Off 6.678 Guided Pony Rod, 8 Oft 6,686 6,689 F-NiPPLE, 2 3/8in, 0 00lbs/ft, 0, 6,691 6,689 ftKB, 6,690 ftKB Rod Insert Pump, 16 Oft 6,702 PGA-1, 23/8in, 470lbs/ft, J-55, Gas Anchor/Dip Tube, 8 Oft 6,690 ftKB, 6,722 ftKB 6,710 6,721 BULL PLUG, 2 3/8in, 0 00lbs/ft. 0, 6,722 ftKB, 6,722 ftKB 6,722 6,736 Production Casing Cement, 5,095-6,804, 6,767 PBTD, 6,767 6/16/1993, Cemented 1st stage w/ 340 sx 6,768 Class G 65/35 poz followed by 100 sx Class G cement. TOC @ 5095' w/ 75% eff. 6,769 Cement Plug, 6,767-6,804, 6/16/1993 6,803 Production, 4 1/2in, 4 000in, 13 ftKB, 6,804 6,804 HKR 6,810 Cement Plug, 6,804-6,810, 6/16/1993, PBTD TD, 6,810, 6/16/1993 Report Printed: 7/28/2010