

ConocoPhillips
JICARILLA A 14
WO - Commingles

Lat 36° 28' 33.208" N

Long 107° 11' 52.26" W

PROCEDURE

1. Hold pre-job safety meeting. Comply with all NMOC, BLM, and COPC safety and environmental regulations. **Stump test BOP.** Test rig anchors prior to moving in rig. Run wireline to remove downhole obstructions in both strings prior to MIRU.
2. MIRU work over rig. Check casing, tubing, and bradenhead pressures and record them in Wellview. If there is pressure on the BH, contact Wells Engineer.
3. Remove existing piping on casing valve. RU blow lines from casing valves and begin blowing down casing and tubing pressure. Kill well down casing and long string tubing (Gallup) with 2% KCl as necessary. Ensure well is dead or on vacuum. Set two way check in BPV threads in long string. Note: 1/21/2003 rig report mentions setting BPV prior to ND BOP.
4. **Note: Tubing shows as C-75 in Wellview. Could find no mention in daily report or tubing tally to confirm tubing grade.** ND wellhead and NU BOPE with offset spool and offset pipe rams for 2-1/16" tubing. Function and pressure test BOP to 250 psi low and 1,000 psi over SICP high to a maximum of 2,000 psi held and charted for 10 minutes as per COPC Well Control Manual. PU and remove split hanger or seal sleeve on short string (Mesaverde).
5. TOOH and LD 2-1/16" short string (Mesaverde) per pertinent data sheet. Note any bad joints and record findings in Wellview. **Make note of corrosion, scale, or paraffin and save a sample to give to CIC/engineering for further analysis.**
6. Ensure barriers are holding. Remove offset spool and replace offset pipe rams with 2-1/16" non offset pipe rams. Function test rams. Retrieve two way check in BPV threads in long string hanger. PU and remove tubing hanger and release 5-1/2" Baker Lok-Set packer. Note: Packer at 6324' set in 8000# tension. If possible, pick up and land new 2-3/8" tubing hanger with cross-overs and pressure test pipe rams. **If packer does not unseat, minimize pulling with 2-1/16" tubing. Contact Wells Engineer and Superintendent and consider free pointing and cutting tubing.**
7. TOOH and LD 2-1/16" long string (Gallup) per pertinent data sheet. Note any bad joints and record findings in Wellview. Make note of corrosion, scale, or paraffin and save a sample to give to CIC/engineering for further analysis.
8. Ensure barriers are holding. Change out pipe rams and handling tools to 2-3/8". Function test rams.
8. **Note: Top of 5-1/2" liner at 3912'.** PU 4-3/4" string mill, bit, and tubing and CO to PBTD at 7552' using the air package. TOOH. LD mill and bit. If fill could not be CO to PBTD, call Wells Engineer to inform how much fill was left and confirm/adjust landing depth.
9. Begin TIH with tubing using Tubing Drift Procedure (detail below). If tubing head needs to be replaced, set and test RBP, switch out tubing head, pressure test new tubing head and BOP, and retrieve RBP. Finish trip in hole.

Tubing Wt/Grade: 4.7 ppf, J-55
Tubing Drift ID: 1.901"

Land Tubing At: 7542'
KB: 11'

Tubing and BHA Description

1	2-3/8" Exp. Check
1	1.78" ID "F" Nipple
1	full jt 2-3/8" tubing
1	pup joint (2' or 4')
+/- 237	jts 2-3/8" tubing
As Needed	pup joints for spacing
1	full jt 2-3/8" tubing

10. Ensure barriers are holding. 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. Purge air as necessary. Notify the MSO that the well is ready to be turned over to Production Operations. RDMO.

Tubing Drift Procedure

PROCEDURE

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wire line plug.
2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the drift diameter of the tubing to be drifted, and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.
3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

NOTE: All equipment must be kept clean and free of debris. The drift tool will be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is 0.003".



Well Name: JICARILLA A 014

Current Schematic

API/CLW 3003920629	Surface Legal Location 024-026N-004W-A	Field Name MW/GL DUAL	License No.	State Province NEW MEXICO	Well Configuration Type Vertical
Ground Elevation (ft) 7,125.00	Original KB RT Elevation (ft) 7,136.00	KB-Ground Distance (ft) 11.00	KB-Casing Flange Distance (ft) 7,136.00	KB-Tubing Hanger Distance (ft) 7,136.00	

Vertical - Original Hole, 2/4/2015 11:03:00 AM

Vertical schematic (actual)	MD (ftKB)	Formation Tops
	11.2	
DEPTH OF PACKER ESTIMATED	49.9	
1: Surface; 10 3/4 in; 10.192 in; 11.0 ftKB; 345.0 ftKB	344.2	
	345.1	
Tubing; 2 1/16 in; 3.25 lb/ft; C-75; 11.0 ftKB; 5,666.0 ftKB	2,199.1	
Tubing; 2 1/16 in; 3.25 lb/ft; C-75; 11.0 ftKB; 6,324.0 ftKB	2,200.1	
	3,912.1	
	3,917.0	
	4,048.9	
2: Intermediate; 7 5/8 in; 6.969 in; 11.0 ftKB; 4,050.0 ftKB	4,049.9	
	5,472.1	Cliff House
	5,494.1	
	5,560.1	
Seat Nipple; 2 1/16 in; 5,666.0 ftKB; 5,667.0 ftKB	5,666.0	
Mule Shoe Guide; 2 1/16 in; 5,667.0 ftKB; 5,668.0 ftKB	5,667.0	
	5,668.0	
	5,980.0	
	5,980.0	Point Lookout
	6,016.1	
5-1/2" Baker Lok-Set Packer; 5 1/2 in; 15.60 lb/ft; J-55; 6,324.0 ftKB; 6,327.0 ftKB	6,324.1	
	6,327.1	
Tubing; 2 1/16 in; 3.25 lb/ft; C-75; 6,327.0 ftKB; 7,538.0 ftKB	7,132.9	Gallup
	7,534.1	
Seating nipple; 2 1/16 in; 7,538.0 ftKB; 7,539.0 ftKB	7,538.1	
Mule Shoe Guide; 2 1/16 in; 7,539.0 ftKB; 7,540.0 ftKB	7,539.0	
	7,540.0	
	7,549.9	
	7,551.8	
PBTD; 7,552.0	7,552.2	
	7,587.9	
3: Production; 5 1/2 in; 4,950 in; 3,912.0 ftKB; 7,589.0 ftKB	7,588.9	

This form is not to be
used for reporting
packer leakage tests
in Southeast New Mexico

Oil Conservation Division

Northwest New Mexico Packer-Leakage Test

Page 1
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Operator COP Lease Name JICARILLA A Well No. 14

Location of Well: Unit Letter A Sec 24 Twp 026N Rge 004W API # 30-039-20629

	Name of Reservoir or Pool	Type of Prod	Method of Prod	Prod Medium
Upper Completion	MV	Gas	Flow	Tubing
Lower Completion	GL	Gas	Artificial Lift	Tubing

Pre-Flow Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In 4/17/2014	Length of Time Shut-In 96 hours	SI Press. PSIG 223	Stabilized?(Yes or No) Yes
Lower Completion	Hour, Date, Shut-In 4/17/2014	Length of Time Shut-In 157 hours	SI Press. PSIG 167	Stabilized?(Yes or No) Yes

Flow Test No. 1

Commenced at: 4/21/2014		Zone Producing (Upper or Lower): UPPER			
Time (date/time)	Lapsed Time Since*	PRESSURE		Prod Zone Temperature	Remarks
		Upper zone	Lower zone		
4/21/2014 3:06:13 PM	15	223	167		turned on upper zone
4/22/2014 12:51:12 PM	36	48	167		Flowed upper zone, lower zone stayed at 167 psi.
4/23/2014 1:00:00 PM	61	40	167		Flowed upper zone, lower zone stayed at 167 psi.

Production rate during test

Oil: _____ BPOD Based on: _____ Bbls. In _____ Hrs. _____ Grav. _____ GOR _____

Gas _____ MCFPD; Test thru (Orifice or Meter) _____

Mid-Test Shut-In Pressure Data

Upper Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)
Lower Completion	Hour, Date, Shut-In	Length of Time Shut-In	SI Press. PSIG	Stabilized?(Yes or No)

(Continue on reverse side)