

submitted in lieu of Form 3160-5
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RCVD FEB 1 '08
OIL CONS. DIV.
DIST. 3

Sundry Notices and Reports on Wells

1. Type of Well
GAS

2. Name of Operator
BURLINGTON
RESOURCES OIL & GAS COMPANY LP

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
Sec., T--N, R--W, NMPPM

Unit E (SESE) 1830' FNL & 1020' FWL, Sec. 8, T29N, R10W NMPPM

5. Lease Number
SF-078197
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
NYE Federal 1M
9. API Well No.
30-045-30798
10. Field and Pool
11. Basin Dakota/MV/CH
County and State
San Juan Co., NM

RECEIVED
JAN 29 2008
Bureau of Land Management
Farmington Field Office

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment <input type="checkbox"/> Change of Plans <input checked="" type="checkbox"/> Other MIT, Water Isolation, and Squeeze off Water Zone
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion <input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging <input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair <input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing <input type="checkbox"/> Conversion to Injection

13. Describe Proposed or Completed Operations

Burlington Resources wishes to conduct an MIT, Water Isolation and Squeeze off Water Zone per the attached procedure.

14. I hereby certify that the foregoing is true and correct.

Signed Tracey N. Monroe Tracey N. Monroe Title Regulatory Technician Date 1/29/08

(This space for Federal or State Office use)

APPROVED BY Original Signed: Stephen Mason Title _____ Date JAN 30 2008

CONDITION OF APPROVAL, if any:

Title 18 U S C Section 1001, makes it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction

NMOCD

ConocoPhillips
Nye Federal #1M (CH MV DK)
MIT/Water Isolation, Squeeze off Water Zone

Lat 36° 44.559 N **Long** 107° 54.775 W

Prepared By: Dryonis Pertuso
BAE Peer review/approved By: Dennis Wilson

Date: 12/10/2007
Date: XX/XX/2007

Scope of work: The intent of this procedure is to perform a mechanical integrity test (MIT) on the 4 1/2" production casing, identify the water producing zone and squeeze it off once isolated. The wellbore will then be cleaned out and returned to production.

A pit will be required for this procedure.

Remaining reserves: MV (40 MMscf) Dakota (290 MMscf).

WELL DATA:

API: 30045093190000

Location: 1830' FSL & 1850' FEL, Unit J, Section 08-- T29N -- R010W

PBTD: 7073' **TD:** 7268'

Perforations: 3,462'-4,004' (Chacra), 4,676'-4,876' (Mnfee), 4,912'-5,248' (PTLO), 7,033'-7,041'; 7,112'-7,128'; 7,234'-7,252' (DK)

Well History: The Nye Federal #1M is a Chacra, Mesaverde and Dakota well drilled in January 2002. The production rate is currently 0 Mcfd on casing flow, but the well is capable of producing 70 Mcfd. The drop in production is attributed to the inability of the well to lift fluid, therefore it is liquid loaded. In the last Rig job performed in December 2006, a seal problem was found at surface (wellhead) and corrected. After that finding, a CBL was run from 3,088' up to surface showing very marginal cement all the way up to surface, therefore a cement job was performed (squeezed hole @ 980') and the 4 1/2" casing was then pressure tested to 500psi for 30 min.

The RAM team has stated there is no indication that this liquid is coming from MV Perfs, but there is a possibility that the Dakota is wet in this area. They have agreed with BAE to use trial and error by setting a plug and trying to produce moving from bottom to top until the water problem disappears.

B2 Adapters are required on all wells other than pumping wells.

Artificial lift on well (type): none

Est. Reservoir Pressure (psig): 1000psi (DK) 300psi (MV)

Well Failure Date: July 2007

Current Rate (mcfd): 0 **Est. Rate Post Remedial (mcfd):** 70

Earthen Pit Required: YES

Special Requirements: 2 hour chart for MIT.

PROCEDURE:

1. Hold pre-job safety meeting. Comply with all NMOCD, BLM, and COP safety and environmental regulations. Test rig anchors prior to moving in rig.
2. MIRU workover 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. Avoid putting water on the well if possible, however kill well with 2% KCl or produced water if necessary. ND wellhead and NU BOP's.
4. Unseat donut, remove hanger, and pull 2-3/8" tubing, Tag up for fill (PBSD @ 6,742' CIBP), add joint as necessary. TOOH with tubing (detail below). Tubing is currently landed @ 6,562'.

- 1) (210 jts) 2-3/8" 4.7# J-55 tubing
- 2) (1) 2-3/8" x 2' 4.7# J-55 pup joint
- 3) (1) 2-3/8" x 31.2' 4.7# J-55 tubing
- 4) (1) 2-3/8" x 1.9" ID Seat Nipple set @ 6,561'
- 5) (1) 2 3/8" Notched collar set @ 6,562'

Visually inspect tubing and record findings in Wellview. Make note of corrosion or scale. Please notify engineer of any unusual findings.

5. TIH and CO to PBSD @ 6,742', pick up tubing to 6,562' and blow well for 3 hours and monitor water production. Call Production Engineer or Rig Superintendent to send results and wait for instructions to continue. If water production is greater than 30 bbls/day be prepared to continue with the next step and if the water production is less than 30 bbl/day perform a MIT on the 4 1/2" casing, land tubing @ 6,562' with the same tubing string configuration with the only deference of a expendable check instead of the Notched collar and go to step 13.
6. PU and TIH with a RBP and Packer for a 4-1/2" 10.5# casing on the 2-3/8" tubing. Set RBP within 50' of the Chacra top perfs @ 3,092' and set a packer to test RBP to 500psi for 10 min.

Note: Always set packer to test RBP to 500psi before starting a production test or MIT.

7. Unset packer and test casing to 500psi for 30 min on a 2 hour chart. If test passes, continue as follows. If test fails, contact Rig Superintendent and BAE Production Engineer (be prepared for squeezing the hole(s)).

Note: Contact Rig Superintendent and Production Engineer prior to perform any cement job.

8. Retrieve RBP and reset @ ~4,000', unlatch tubing from RBP, test RBP to 500 psi for 10 min and PU tubing to ~3,300' (to test production of Chacra), and blow well for 3 hours and monitor water production. Before continuing call Production Engineer or Rig Superintendent for directions. If water production is greater than 15 bbls/day be prepared for a squeeze job.

9. Retrieve RBP, reset RBP @ ~4,365', unlatch tubing from RBP, test RBP to 500 psi for 10 min and Pick up tubing to ~4,100' (to test production of Menefee), and blow well for 3 hours and monitor water production. Before continuing call Production Engineer or Rig Superintendent for directions. If the **absolute value** of the water production (Chacra – Current value) is greater than 30 bbls/day be prepared for a squeeze job.

Note: to obtain the absolute water production for each zone always subtract the above formations from the current water production value.

10. Retrieve RBP, reset RBP @ ~5,000', unlatch tubing from RBP, test to 500 psi for 10 min and Pick up tubing to ~4,500' (to test production of Point Lookout), and blow well for 3 hours and monitor water production. Before continuing call Production Engineer or Rig Superintendent for directions. If the **absolute value** of the water production (Chacra + Menefee – Current rate) is greater than 30 bbls/day be prepared for a squeeze job.
11. Retrieve RBP set @ ~5,000', TOOH.
12. If the difference between the total well water production obtained in step 5 and the production from Chacra + Menefee + Point Lookout is more than 20 bbls/day, call production engineer or Rig superintendent and be prepared for temporary abandon DK intervals by setting a CIBP @ ~ 6.504'.
13. TIH and land tubing. **Landing depth to be set by job results, and will be determined by the BAE Engineer once the water(s) zone(s) is/are squeezed off.** Run a drift test (see direction on next page) while TIH with tubing joints.

- 1) (1) 2 3/8" Expendable Check
- 2) (1) 2-3/8" x 1.9" ID Seat Nipple
- 3) (1) 2-3/8" x 31.2' 4.7# J-55 tubing
- 4) (1) 2-3/8" x 2' 4.7# J-55 pup joint
- 5) (xxx jts) 2-3/8" 4.7# J-55 tubing

Always install a full joint at top to allow for stripping the landing donut in and out of the well safely.

14. Set the standing valve, load the tubing with 2% KCl water, and PT to 1500 psig to ensure no holes in the tubing.
15. Bleed off pressure and retrieve the standing valve and swab the well to kick off the well. Tubing volume to SN is 0.00387 bbls/ft. Use Air package to blow the well dry.
16. ND BOP, NU wellhead. Notify the lease operator (Mike Watkins) when the well is ready to return to production. RDMO
17. Should you have any questions or need additional info, please contact Production Engineer.

DRIFT TEST PROCEDURE

SAFETY NOTE: To conform to COP well control manual, Sec 6.1, a barrier is required prior to performing below procedure. Where air units are being used, an expendable check is recommended; otherwise, a wireline set plug in profile nipple is recommended.

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline 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 tubing. (2-3/8" OD 4.70# EUE Tubing Drift ID = 1.901"), and will be at least 15" long. The tool will not weigh more than 10 lbs. 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.
4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should 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 .003

Recommended
BAE Engineer
Office
Cell

Dryonis Pertuso
Dryonis Pertuso
(505) 324-5158
(505) 320-3753

Approved

Expense Supervisor Stan Terwilliger
Office (505) 326-9582
Cell (505) 320-4785

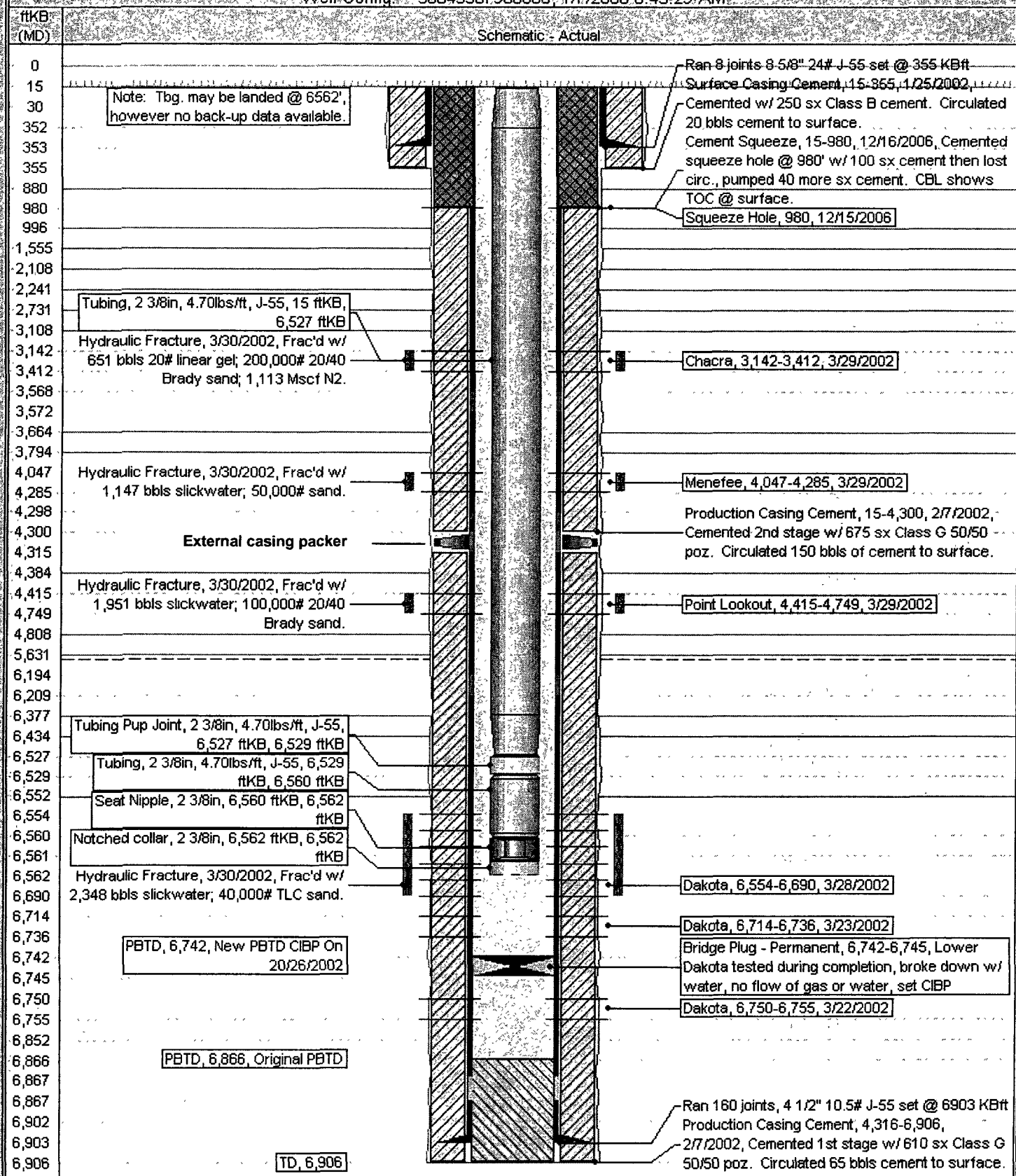
CURRENT SCHEMATIC

ConocoPhillips

NYE FEDERAL #1M

District SOUTH	Field Name OTERO (CHACRA) GAS	API / UWI 3004530798	County SAN JUAN	State/Province NEW MEXICO	Edit
Original Spud Date 1/24/2002	Surface Legal Location NMPM,008-029N-010W	E/W Dist (ft) 1,020.00	E/W Ref WV	N/S Dist (ft) 1,830.00	N/S Ref N

Well Config: 30045307980000, 1/7/2008 8:43:29 AM



Pertinent Data Sheet

ConocoPhillips

Well Name: NYE FEDERAL #1M

API/UAH	State Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004530798	NMPM_008-029N-010W	OTERO (CHACRA) GAS		NEW MEXICO		
Ground Elevation (ft)	Original KB Elevation (ft)	KB-Grout Distance (ft)	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,747.00	5,762.00	15.00	5,762.00	5,762.00		

Well Attributes

Orig Spud Date	Latitude (DMS)	Longitude (DMS)	Edit
1/24/2002	36° 44' 35.999" N	107° 54' 47.999" W	

PBTDs

Depth (ft)	Comment	Edit
6,742.0	New PBTD CIBP On 20/26/2002	
6,866.0	Original PBTD	

Formations

Formation Name	Final Top M.D. (ft)	Edit
Ojo Alamo	880.0	
Kirtland	996.0	
Fruitland Coal	1,555.0	
Pictured Cliffs	2,108.0	
Lewis	2,241.0	
Huerfano Bent.	2,731.0	
Chacra	3,108.0	
Cliff House	3,664.0	
Menefee	3,794.0	
Point Lookout	4,384.0	
Mancos	4,808.0	
Gallup	5,631.0	
Greenhorn	6,377.0	
Graneros	6,434.0	
Dakota	6,552.0	

Casing Strings

Casing Description	Rin Date	Set Depth (ft)	Comment	Edit
Surface Casing	1/25/2002	353.0	Ran 8 joints 8 5/8" 24# J-55 set @ 355 KBft	

Item Description	OD (in)	ID (in)	WT (lbs/ft)	Grade	Jts	Let (ft)	Edit
Casing Joints	8 5/8	8.097	24.00	J-55	8	337.00	
Shoe	8 5/8	8.097	24.00	J-55	1	1.00	

Casing Description	Rin Date	Set Depth (ft)	Comment	Edit
Production Casing	2/6/2002	6,903.0	Ran 160 joints, 4 1/2" 10.5# J-55 set @ 6903 KBft	

Item Description	OD (in)	ID (in)	WT (lbs/ft)	Grade	Jts	Let (ft)	Edit
Casing Joints	4 1/2	4.052	10.50	J-55	83	3,552.52	
Cliff House Marker Joint	4 1/2	4.052	10.50	J-55	1	4.82	
Casing Joints	4 1/2	4.052	10.50	J-55	17	725.11	
Stage Tool	4 1/2	4.052	10.50	J-55	1	2.10	
External Casing Packer	4 1/2	4.052	10.50	J-55	1	15.90	
Casing Joints	4 1/2	4.052	10.50	J-55	44	1,878.56	
Greenhorn Marker Joint	4 1/2	4.052	10.50	J-55	1	14.91	
Casing Joints	4 1/2	4.052	10.50	J-55	15	642.90	
Pup Joint	4 1/2	4.052	10.50	J-55	1	14.83	
Float Collar	4 1/2	4.052	10.50	J-55	1	0.90	
Casing Joints	4 1/2	4.052	10.50	J-55	1	34.45	
Float Shoe	4 1/2	4.052	10.50	J-55	1	1.00	

Cement

Description	Start Date	End Date	Comment	Edit
Surface Casing Cement	1/25/2002	1/25/2002	Surface Casing Cemented w/ 250 sx Class B cement W/ 3% CaCl2. Circulated 19 bbls cement to surface.	
Production Casing Cement	2/7/2002	2/7/2002	Cemented 1st stage w/ 610 sx Class G 50/50 poz. Circulated 65 bbls cement to surface. Cemented 2nd stage w/ 675 sx Class G 50/50 poz. Circulated 150 bbls cement to surface.	
Cement Squeeze	12/16/2006	12/15/2006	Cemented squeeze hole @ 980' w/ 100 sx cement then lost circ, pumped 40 more sx cement. CBL shows TOC @ surface.	

Tubing - Production set at 6,562.0ftKB on 2/6/2007 12:30

Tubing Description	Rin Date	Set Depth (ft)	Comment	Edit
Tubing - Production	2/6/2007	6,562.0	Tubing landed @ 6562' according to a workover report from 2/6/2007, however no back-up data available.	

Item Description	OD (in)	ID (in)	WT (lbs/ft)	Grade	Jts	Let (ft)	Top (ft)	Edit
Tubing	2 3/8	1.995	4.70	J-55	211	6,512.20	15.0	
Tubing Pup Joint	2 3/8	1.995	4.70	J-55	1	2.00	6,527.2	

Pertinent Data Sheet

ConocoPhillips

Well Name: NYE FEDERAL #1M

API/UVI	Surface Legal Location	Field Name	License No.	State/Province	Well Configuration Type	Edit
3004530798	NMPM,008-029N-010VV	OTERO (CHACRA) GAS		NEW MEXICO		
Ground Elevation (ft)	Original KB Elevation (ft)	KB Ground Distance (ft)	KB Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)		
5,747.00	5,762.00	15.00	5,762.00	5,762.00		

Item Description	OD (in)	ID (in)	Wt (lb/ft)	Grade	J's	Len (ft)	Top (ft)	Edit
Tubing	2 3/8	1.995	4.70	J-55	1	31.20	6,529.2	
Seat Nipple	2 3/8				1	1.10	6,560.4	
Notched collar	2 3/8	1.995			1	0.50	6,561.5	

Other In Hole

Description	Run Date	Top (ft)	Comment
Bridge Plug - Permanent		6,742.0	Lower Dakota tested during completion, broke down w/ water, no flow of gas or water, set CIBP

Perforations

Date	Top (ft)	Bin (ft)	Zone	Comment
12/15/2006	980.0	980.0		Perforated squeeze hole w/ 1 spf @ 980'.
3/29/2002	3,142.0	3,412.0	CHACRA, 30045307980000	Perforated @ 3142'-44', 52', 3214'-16', 18', 20', 22', 35', 40', 44', 48', 55', 61', 66', 69', 80', 95', 3308'-16', 22', 26', 30', 36', 38', 51', 84', 87', 3402'-06', 12' w/ 1 spf.
3/29/2002	4,047.0	4,285.0	MESA VERDE MENELEE, 30045307980000	Perforated @ 4047', 55', 58', 61', 63', 65', 88', 92', 95', 4116'-18', 21', 25', 29', 40', 42', 44', 91', 4220'-24', 27', 44', 68', 77', 80', 85' w/ 1 spf.
3/29/2002	4,415.0	4,749.0	MESA VERDE PT LOOKOUT, 30045307980000	Perforated @ 4415'-25', 31', 36', 43', 48', 57', 65', 72', 86', 92', 4514'-19', 26', 39' w/ 1 spf & 4572', 91', 4604'-09', 13', 23', 29', 48', 80', 89', 95', 4702'-37', 49' w/ 2 spf.
3/28/2002	6,554.0	6,690.0	DAKOTA, 30045307980000	Perforated @ 6554'-61', 65', 70', 75', 6625'-28', 6631'-34', 6647'-52' w/ 1 spf & 6680'-90' w/ 2 spf.
3/23/2002	6,714.0	6,736.0	DAKOTA, 30045307980000	Perforated from 6714'-18', 6722'-26', 6732'-36' w/ 6 spf. No stimulation performed.
3/22/2002	6,750.0	6,755.0	DAKOTA, 30045307980000	Perforated from 6750'-55' w/ 6 spf. Perforations never produced. No stimulation performed.

Stimulations & Treatments

Hydraulic Fracture on 3/28/2002 00:00

Type	Zone	Comment
Hydraulic Fracture	DAKOTA, 30045307980000	Frac'd w/ 2,348 bbls slickwater, 40,000# TLC sand.

Hydraulic Fracture on 3/29/2002 00:00

Type	Zone	Comment
Hydraulic Fracture	MESA VERDE MENELEE, 30045307980000	Frac'd w/ 1,147 bbls slickwater, 50,000# sand.

Hydraulic Fracture on 3/29/2002 00:00

Type	Zone	Comment
Hydraulic Fracture	CHACRA, 30045307980000	Frac'd w/ 651 bbls 20# linear gel, 200,000# 20/40 Brady sand; 1,113 Mscf N2.

Hydraulic Fracture on 3/29/2002 00:00

Type	Zone	Comment
Hydraulic Fracture	MESA VERDE PT LOOKOUT, 30045307980000	Frac'd w/ 1,951 bbls slickwater, 100,000# 20/40 Brady sand.

Logs

Date	Type
2/5/2002	Array Induction SP-GR-Caliper Log
2/5/2002	Triple Litho-Density Compensated Neutron Log
3/22/2002	GR w/ Casing Collar Correlation Log
6/4/2002	Spectrascan Iname
8/23/2006	Audio Log
12/14/2006	Cement Bond Log