Form 3160- 5 (April 2004)

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

FORM APPROVED OMB No. 1004- 0137

#### SUNDRY NOTICES AND REPORTS ON WELLS

Expires: March 31, 2007

5. Lease Scrial No.

149IND8465

Do r aban	7. If Unit or CA. Agreement Name and/or No.							
SUBMIT IN TR								
Oil Well X Gas Well	Other	070 FA	RMINGTON N	8! Well Name and N	0.			
2. Name of Operator				Charley Pah	1			
Chevron MidContinent L.P.				9. API Well No.				
3a. Address P.O. Box 36366		3b. Phone No. (inclu	de area code)	30	-045-006679			
Houston, TX 77236		281-5	61-3627	10. Field and Pool, or Exploratory Area				
4. Location of Well (Footage, Sec., T., R	., M., or Survey Description)	Lat.		Basin Fruitland				
1700' 1750'				11. County or Parish	<del></del>			
SENW FNL FWL Sec. 12	T 27N R 9W	Long.		San Juan	New Mexico			
	RIATE BOX(S) TO INDICATE N	NATURE OF NO	CICE REPORT OF		<del></del>			
				COTTIBILITIES				
TYPE OF SUBMISSION		<u></u>	YPE OF ACTION					
X Notice of Intent	Acidize	Deepen	Production ( Sta	art/ Resume)	Water Shut-off			
	Altering Casing	Fracture Treat	Reclamation		Well Integrity			
		1						
Subsequent Report	Casing Repair	New Construction	Recomplete	l	X Other			
	Change Plans	Plug and abandon	Temporarily Al	pandon	Extension			
Final Abandonment Notice	Convert to Injection	Plug back	Water Disposal					
Due to comp	any changes, the work was no	dated 5/7/05 ( A	AZT 1473)	1/19/07	the approval			
14. I hereby certify that the foregoing is to Name (Printed Typed)	rue and correct.	Title						
Alex Rosales	<del></del>	Regulatory Specialist						
Signature All Ka	Sals	Date	7/7/2006					
	THIS SPACE FOR	FEDERAL OR S	TATE OFFICE US	SE				
Approved by Conditions of approval, if any are attacertify that the applicant holds legal or			St. Eng	Date	7/19/06			
which would entitle the ap	oplicant to conduct operations	thereon.						
Title 18 U.S.C. Section 1001 AND T States any false, fictitiousor fraudulent stat			son knowingly and will	tully to make any d	epartment or agency of the United			



Chevron U.S.A. Production Co. Mid-Continent Business Unit Coal Bed Methane

# Charley Pah #1 San Juan County, New Mexico 30-045-06679 Blanco South Field Sec 12 – T 27N – R 9W

SCOPE: PULL CURRENT RODS, PUMP AND TUBING. SEAL OFF THE PICTURED CLIFFS, CLEANOUT, MOVE UP HOLE AND FRACTURE STIMULATE THE FRUITLAND COAL. AND COMINGLE PRODUCTION.

#### **Procedure**

- 1. Install and test rig anchor. Comply w/ all BLM and Chevron HES Regulations.
- 2. MI and R/U rig. Hold safety meeting, TIF and discuss job roles, hazards and awareness with all on location. Kill well if necessary.
- 3. POOH with rods and pump.

Rod string:

81, 3/4" rods Rod Insert Pump

- 4. ND wellhead, NU BOP's and pressure test. RU 2-3" flowback lines to flowback tank.
- POOH with 2-3/8" tubing and lay down. Send tubing back to tuboscope for inspection. Replace as needed.

Tubing details:

64 jts, 2-3/8", EUE, J-55 tbg 2-3/8" Seating Nipple 2-3/8" x 10' Mule Shoe

- 6. PU 6-1/4" bit, bit sub and 7" casing scraper on weatherford 3-1/2"workstring. RIH to TOL @  $\sim$  2016'. Pump air with 5 10 bbl soap sweeps to clean out wellbore to PBTD. Want to make sure we are clean to set a bridge plug above the top of liner. Do not spend a lot of time cleaning unless necessary.
- 7. POOH and PU CBP.
- 8. RIH and set CBP @ 2010'. PU and test system to 2500 psi. Casing test will determine course of action to take. If casing test holds, then we will frac down the casing. If not we will utilize the 3-1/2" workstring to stimulate down.
- 9. POOH with workstring.



- 10. RU SLB wirelines services. Hold safety meeting with all involved with wireline work. Discuss hazards involved, TIF, job awareness and overall safety.
- 11. Install lubricator and test. RIH w/ GR/CCL/RST (Carbon-Oxygen mode) log. Log from 2016' 1850'. Have results sent to Houston <u>ASAP</u> to pick exact Fruitland coal perfs.
- 12. POOH and prepare to perforate.
- 13. RIH with perforating guns and perforate the Fruitland Coal formation as follows:

Perfs MD	Net Pay MD	Perfs TVD	Net Pay TVD	Gun	Charge	SPF	Phasing	# of Shots
1926'- 1934'	8'	1926'- 1934'	8'	3-3/8" HSD Carrier	PowerJet 3406	2	60	16
1941'- 1949'	8'	1941'- 1949'	8'	3-3/8" HSD Carrier	PowerJet 3406	2	60	16
1952' – 1956'	4'	1952' – 1956'	4'	3-3/8" HSD Carrier	PowerJet 3406	2	60	8
1958' – 1964'	6'	1958' – 1964'	6'	3-3/8" HSD Carrier	PowerJet 3406	2	60	12
1972'-1976'	4'	1972'-1976'	4'	3-3/8" HSD Carrier	PowerJet 3406	2	60	8
1982'-1997'	15'	1982'-1997'	15'	3-3/8" HSD Carrier	PowerJet 3406	2	60	30
Totals	45'		45'					90

- 14. RD SLB wireline services.
- 15. Depending on results of casing test as to whether this job will be performed down the Weatherford 3-1/2" workstring or casing. Prepare to fracture stimulate the Fruitland Coal formation. If the workstring is needed, RIH and set packer @ ~ 1850'.
- 16. Install Stinger wellhead isolation tool if needed.
- 17. RU fracturing equipment and Protechnics.
- 18. Frac the Fruitland Coal formation down 3-1/2" workstring or casing as per Service Company pumping schedule.
- 19. Ensure correct flush volume calculated by Service Company and CVX on site.
- 20. RD frac equipment, protechnics and Stinger isolation tool if utilized.
- 21. RU 2-3" flowback lines with  $\frac{1}{2}$ " choke. Flow and clean up well till mid afternoon or kill well with water. Allow enough time to continue with next phase of job.
- 22. If workstring and packer is utilized, release packer. POOH.

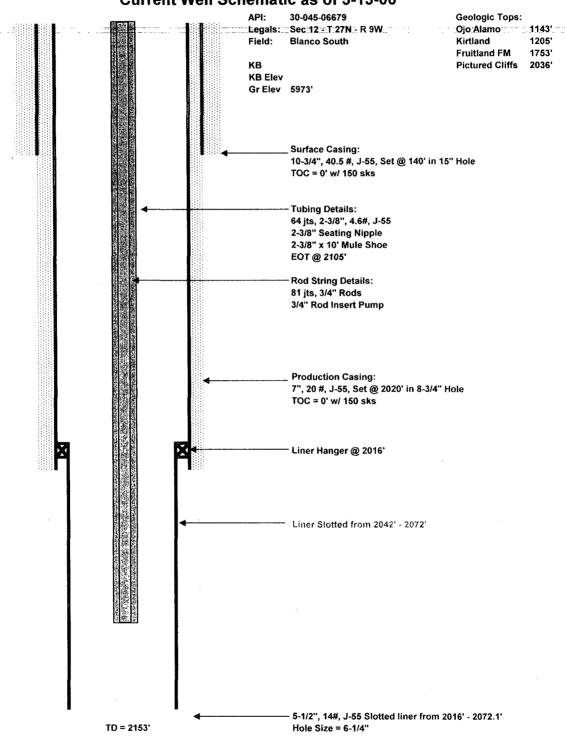


- 23. PU 6-1/4" bit, bit sub, and DC's. RIH to tag fill and to drill up CBP @  $\sim$  2010'. RU 2.5" power swivel and drill up CBP.
- 24. POOH once you have drilled up the CBP and hit the TOL @ 2016'.
- 25. PU 4-3/4" bit, bit sub and workstring. RIH inside the liner and clean-out any fill encountered.
- 26. POOH after cleaning.
- 27. PU 2-3/8" Notched collar, 2-3/8" seating nipple, and 2-3/8" new production tbg and RIH to just above the Fruitland Coal pers.
- 28. Prepare to run after frac tracer survey.
- 29. RU H&H wirelines services and Protechnics. Run tracer/ completion profiler combo across fruitland coal.
- 30. Finished running in with production tbg. If running mule shoe, be sure mule shoe is 2' longer than pump length.
- 31. ND BOP's. NU wellhead
- 32. RIH with 3/4" rods and pump as per Jeff Hall.
- 33. RDMO workover rig
- 34. Hook well to gas sales line. Place well on production.

#### **Dimensions and Capacities**

Item	O.D.	Wt/Ft	Grade	Thread	I.D.	Drift	Bbl/LF	LF/Bbl	Gal/LF	LF/Gal	Burst
Csg	5-1/2"	14.0#	J-55	8RD	5.012	4.887	.0244	40.98	1.0249	.9757	4,270
Tbg	2-3/8"	4.6#	J-55	8RD	1.995	1.901	0.00387	258.65	0.1624	6.1582	7,700
2 3/8" x-nipple					1.875						
Tbg	3-1/2"	9.30#	L-80	8RD	2.992	2.867	.00870	115.0	.3652	2.738	10160

### **Charley Pah 1** San Juan, New Mexico **Current Well Schematic as of 5-13-06**



Date:

Prepared by: James Carpenter 6/13/2006

Revised by: Date: