

Expires: February 28, 1995

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Submit in Duplicate\*

(See other instructions  
on reverse side)

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL ☐ GAS ☒ DRY ☐  
WELL WELL OTHER

b. TYPE OF COMPLETION:

NEW ☐ WORK ☐ DEEP- ☐ PLUG ☐  
WELL OVER EN BACKDIFF. ☒ OTHER ☐ Menefee Pay Add  
RESVR

2. NAME OF OPERATOR

PATINA OIL &amp; GAS CORPORATION

3. ADDRESS AND TELEPHONE NO.

5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface 1100' FNL &amp; 1550' FWL - UL "C"

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR

PARISH RIO ARRIBA

13. STATE

NEW MEXICO

15. DATE SPUNDED

10/8/84

16. DATE T.D. REACHED

10/18/84

17. DATE COMPL. (Ready to prod.)

8/17/2004

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6835' GR - 6849' KB

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM &amp; JJ

8000'

21. PLUG, BACK T.D., MD &amp; TTT

6000'

CIBP

22. IF MULTIPLE COMPL.,

HOW MANY?

3

23. INTERVALS

DRILLED BY

ROTARY TOOLS

X

CABLE TOOLS

24. PRODUCTION INTERVAL(S) OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)

5523' - 5778'

25. WAS DIRECTIONAL

SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

IND/GR/DEN/NEUT/CBL

27. WAS WELL CORED

NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
10-3/4"	40.5# J55	304'	15-1/2"	400 CF CL "B" w/2% CaCl <sub>2</sub> & 1/4# cello/sx	
7-5/8"	26.4# K55	3852'	9-7/8"	684 CF 65/35 poz w/6% gel, 1/2 cf 50/50 poz w/2% gel	
5-1/2"	15.5# J55	8000'	6-3/4"	435 CF 50/50 2% w/ 6-1/4# gils/sx & 10% salt & 6% fla	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	5650'	

31. PERFORATION RECORD (Interval, size and number)

5523,33,34,36,37,38,5706,7,8,9,10,11,12,13,5614'  
5698,5700,2,4,6,8,10,16,18,20,26,28,32,34,36,76, 5778'  
34 shots total

casing gun, 120 deg phasing, 1 JSPF.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5523' - 5778'	Acid: 1,000 gal 15% HCl & 20 bpm. Breakdown @4700psi.
	Frac: 45 bpm w/105,000 gal slick 2% KCl wtr w/78,000# Flex sand
	@ 15.4% Sand. ISIP 101 psi. Spearhead 1000 gal 15% HCL
	105,00 gal slick 2% KCl & 78,000FlexSand. ISIP 101psi

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
ASAP		FLOWING					SI	
DATE OF TEST	HR'S TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL—BBL.	GAS—MCF	WATER—BBL	GAS-OIL RATIO	
8-18/2004	3	32/64		-0-	68	-0-	N/A	
FLOW TUBING PRESS	CSG PRESS	CALCULATED 24-HOUR RATE		OIL—BBL	GAS—MCF	WATER—BBL	OIL GRAVITY—API (CORE)	
210#	580#			-0-	544	1	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Final Completion Report, C-102

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

Ray E. Keckstein

TITLE PRODUCTION TECHNICIAN

DATE

August 18, 2004

e-mail: keckstein@patinasanjuan.com

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001. makes 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.

# Patina San Juan, Inc.

## DAILY OPERATIONS REPORT

<b>Lease Name &amp; Well Number</b>		<b>Report date:</b> 08/17/04		<b>Purpose:</b>		<b>Menefee Pay Add</b>		<b>Operation Type</b>	
Northwest #4E		<b>Report time:</b> 0700 Hrs						Completion	
				<b>Zone of interest:</b>		Point Lookout/Menefee		Recompletion X	
<b>Report #:</b> 12		<b>AFE #:</b> 112923		<b>RKB:</b> 12.00				Workover	
<b>Supervisor:</b> J Becksted		<b>Formation:</b> Point Lookout		<b>Formation:</b> Menefee					
<b>Phone #:</b>		<b>Perfs:</b> 8-6-04: (1 spf, 3-1/8", select fire, 120 deg phs) 5698', 5700', 5702', 5704', 5706', 5708', 5710', 5716', 18', 20', 26', 28', 30', 32', 34', 36', 76', 5778' (18 shots total)		<b>Perfs:</b> 5523, 33', 34', 36', 37', 38', 5606', 7', 8', 9', 10', 11', 12', 13', 5614'.					
<b>Fax #:</b>									
<b>Plug Back Depth:</b> 6,000									
<b>Packer Depth:</b>									
<b>SITP:</b> @		<b>Tubing Data:</b>							
<b>SICP:</b> @		<b>Casing Data:</b>							

## Last 24 Hour Activity Summary

SICP: 180 psi. Trip in to tag sand and clean out. Trip out of hole. Trip in hole with retrieving tool. Retrieve RBP & trip out of hole. Trip in hole with notched coupling to tag sand at 5,710'. 290' of fill. Shut rig down. Blow hole over night to clean up. Recover 350 bbl. 4,217 BLTR.

### Last 24 Hour Activity Detail

Time		Elapsed Time	Description
From	To		
7:30	8:00	0:30	Safety Mtg. Warm-up Rig and air compressor equipment. SICP (2 days): 180 psi
8:00	8:30	0:30	Trip in hole with 2-3/8" workstring. Tagged fill @ 5572' approximately 98' above RBP @ 5670'
8:30	9:30	1:00	Stage in and clean out hole to RBP @ 5670'. Took 1400 psi to break circulation.
9:30	14:30	5:00	Tag sand @ 5572' (98' above RBP). Clean out to RBP with air and mist.
14:30	18:15	3:45	Pull work string and bit from well. Lay down bit. Pickup RBP retrieval tool. Go in hole with workstring to top
			RBP @ 5670'. Clean sand from above and around RBP and pull RBP. No noticable overpull needed. Retr
			RBP and lay down same.
18:15	19:15	1:00	Run in the hole with 2-3/8" notched collar and string float on 2-3/8" work string. Tagged sand fill above RB
			5710' (290' above RBP @ 6000').
19:15	19:30	0:15	Rig up to circulate air. Begin to flowback overnight. Light unit arrived.
19:30	20:00	0:30	Air compressor booster pressure climbed to 1500 psi and set off PRV. Started circulating 2% KCL with rig
			pump (approx 20 bbls 2% KCL). Pump pressure climbed to 1600 psi and then started to decrease to 600 p
20:00	6:00	10:00	Re-start air circulation with no water. Circulate air for 3-4 hours then will begin allowing flow.
			Flowback team consisting of 1- flowback hand and 1- compressor hand.
			Rig crew returned to Farmington.
Total hours:		22:30	

## Comments

### Projected 24 Hours

## Costs

<b>Daily Cost</b>	<b>Total Operation Cost</b>	<b>AFE Operation Cost</b>	<b>Total Well Cost</b>	<b>AFE Total Cost</b>
\$10,360	\$252,457	\$210,525	\$252,457	\$210,525