

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

Submit in Duplicate*
(See other instructions
on reverse side)

5. LEASE DESIGNATION AND SERIAL NO.
NMSF078463A

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ OTHER _____
WELL OVER BACK RESVR

2. NAME OF OPERATOR
PATINA OIL & 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 **1200' FSL - 660' FEL, UL P"**

At top prod. interval reported below **Same**

At total depth **Same**

14. PERMIT NO. DATE ISSUED

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

VALANCE FEDERAL 33 #16

9. API WELL NO.

30-045-335710002

10. FIELD AND POOL, OR WILDCAT

Basin Dakota / Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY

OR AREA

Sec. 33, T31N, R13W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

15. DATE SPUNDED
5/9/2006

16. DATE T.D. REACHED
5/25/2006

17. DATE COMPL. (Ready to prod.)
10/2/2006

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
5718'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ
6451'

21. PLUG, BACK T.D., MD & TTT
6419'

22. IF MULTIPLE COMPL.,
HOW MANY? **2**

23. INTERVALS
DRILLED BY

ROTARY TOOLS
X

CABLE TOOLS

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

1598' - 1754' BASIN FRUITLAND COAL

25. WAS DIRECTIONAL SURVEY MADE

YES

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
9-5/8"	36#, J-55	332'	13-1/2"	300 sx	Circ 22 bbl to surface
7"	23#, N-80	4600'	8-3/4"	590 sx, TOC @ 1240'	
4-1/2"	11.6#, N-80	6451'	6-1/4"	165 sx, TOC @ 4132'	

29. **LINER RECORD**

30. **TUBING RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	1827'	2500'

31. PERFORATION RECORD (Interval, size and number)

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

INTERVAL	SHOTS	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1598' - 1604'	48 Shots, 4 SPF	1744' - 1754'	Frac w/ 60,000#, 20/40 sand, max psi: 1209, avg psi: 803, max rate: 41.7 bpm,
1744' - 1754'	60 Shots, 6 SPF	1598' - 1604'	avg rate: 28.0 bpm, ISIP: 579, 5 min: 523 psi, 10 min: 489 psi, 15 min: 473 psi.
			Frac w/ 70,000# sand, max psi: 1994, avg psi: 1670, max rate: 44.1 bpm, avg rate:
			31.6 bpm, ISIP: 1054, 5 min: 872 psi, 10 min: 814 psi, 15 min: 802 psi

108 Total Shots, 3-1/8" Casing Gun

33. **PRODUCTION**

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or Shut-In)
ASAP		FLOWING					SHUT-IN
DATE OF TEST	HR'S TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL---BBL	GAS---MCF	WATER---BBL	GAS-OIL RATIO
9/24/2006	3	0.25"		0	TSTM	30	N/A
FLOW TUBING PRESS	CSG PRESS	CALCULATED 24-HOUR RATE		OIL---BBL	GAS---MCF	WATER---BBL	OIL GRAVITY--API (CORE.)
0	85#				TSTM	240	N/A

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

VENTED

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

DEVIATION SURVEY

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

SIGNED M. Martinez
e-mail: mmartinez@proleenergyinc.com

TITLE **REGULATORY ANALYST**
505-632-8056

ACCEPTED FOR RECORD
DATE **10/2/2006**

OCT 04 2006

FARMINGTON FIELD OFFICE
BY PC Salazar

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

NMOCD

VALANCE FEDERAL 33 #16

API#: 30-045-33571

Formation Tops:

Ojo Alamo	721'
Kirtland	840'
Fruitland	1377'
Pictured Cliffs	1722' 1774'
Lewis	1898'
Cliffhouse	3346'
Menefee	3479'
Point Lookout	4136'
Mancos	4476'
Gallup	5667'
Greenhorn	6197'
Graneros	6254'
Dakota	6307'

TOTAL DEPTH ***6451'***