

RCVD APR6'07

OIL CONS. DIV.

OMB NO. 1004-0137

DIST. 3

**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 ☐ 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 **1920' FNL & 1265' FWL, UL "E"**

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

At total depth **Same**

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NMSF078464

6. IF INDIAN ALLOTTEE OR TRIBE NAME

307 APR 5 PM 3:43

7. UNIT AGREEMENT NAME

RECEIVED

8. FARM OR LEASE NAME, WELL NO.

Big Jake Federal 26 #05

9. API WELL NO.

30-045-33337

10. FIELD AND POOL, OR WILDCAT

Basin Dakota / Basin Fruitland Coal

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

OR AREA

SEC. 26, T31N, R13W

12. COUNTY OR PARISH

San Juan County

13. STATE

NM

15. DATE SPUNDED

6/11/2006

16. DATE T.D. REACHED

6/20/2006

17. DATE COMPL. (Ready to prod.)

4/1/2007

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

5702'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MM & JJJ

6657'

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

6648'

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)

1736' - 1896' 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 35 bbl to surface
7"	23# N-80	4750'	8-3/4"	485 sx	Circ 32 bbl to surface
4-1/2"	11.6 # N-80	6657'	6-1/4"	250 sx, TOC @ 4356'	

29. **LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4356'	6657'	250 sx		2-3/8"	2,033'	2110'

31. PERFORATION RECORD (Interval, size and number)

1886' - 1896' 60 Shots, 6 JSPF, 4" Casing Gun
1736' - 1744' 32 Shots, 4 JSPF, 3-1/8" Casing Gun
1788' - 1796' 52 Shots, 4 JSPF, 3-1/8" Casing Gun
144 TOTAL SHOTS

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

DEPTH INTERVAL (MD)

1886' - 1896'

AMOUNT AND KIND OF MATERIAL USED

Acidize w/ 1,000 gal 15% acid, 62,283# sand, max psi: 1689, avg psi: 1397, avg rate:

(Lower)

28.4 bpm, ISIP: 1312 psi, 5 min: 1121 psi, 15 min: 820 psi

1736' - 1796'

Acidize w/ 1,000 gal 15% acid, 79,916# sand, max psi: 1905, avg psi: 1658, avg rate:

(Upper)

40.2 bpm, ISIP: 1144 psi, 5 min: 1068 psi, 15 min: 1024 psi

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
3/24/2007	3	0.50"		0	TSTM	0	N/A

FLOW TUBING PRESS	CSG PRESS	CALCULATED 24-HOUR RATE	OIL—BBL	GAS—MCF	WATER—BBL	OIL
0#	100#		0	TSTM	0	0

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. Pranda Martinez*
e-mail: *mmartinez@nobleenergyinc.com*

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

DATE **4/2/2007**

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

NMOCD

BIG JAKE FEDERAL 26 #05

API#: 30-045-33337

Estimated Formation Tops:

Ojo Alamo	818'
Kirtland	943'
Fruitland	1502'
Pictured Cliffs	1903'
Lewis	2088'
Cliffhouse	3554'
Menefee	3711'
Point Lookout	4274'
Mancos	4636'
Gallup	5809'
Greenhorn	6335'
Graneros	6367'
Dakota	6471'
<i>TOTAL DEPTH</i>	<i>6651'</i>