

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 <input type="checkbox"/> GAS <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER _____ WELL WELL | | | | | | | | | | 5. LEASE DESIGNATION AND SERIAL NO. NMSF078464 | | | |
| b. TYPE OF COMPLETION: NEW <input checked="" type="checkbox"/> WORK <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG <input type="checkbox"/> DIFF. <input type="checkbox"/> OTHER _____ WELL OVER BACK RESVR | | | | | | | | | | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME 7m7 APR -3 PM 3:43 | | | |
| 2. NAME OF OPERATOR PATINA OIL & GAS CORPORATION | | | | | | | | | | 7. UNIT AGREEMENT NAME RECEIVED | | | |
| 3. ADDRESS AND TELEPHONE NO. 5802 HIGHWAY 64, FARMINGTON, NM 87401 (505) 632-8056 | | | | | | | | | | 8. FARM OR LEASE NAME, WELL NO. Big Jake Federal 26 #05 | | | |
| 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 | | | | | | | | | | 9. API WELL NO. 30-045-33337 | | | |
| At total depth Same | | | | | | | | | | 14. PERMIT NO. | DATE ISSUED | 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) 6478' - 6612' BASIN DAKOTA | | | | | | | | | | 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 | | | | | | 30. TUBING 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" | 6,509' | | 2110' | | | | | |
| 31. PERFORATION RECORD (Interval, size and number) 6478, 6482, 6486, 6490, 6494, 6500, 6504, 6514, 6520, 6524, 6533, 6536, 6540, 6544, 6548, 6552, 6570, 6574, 6578, 6596, 6600, 6604, 6608, 6612 24 Total Shots, 1JSPF 2" Casing Gun, 0.27" Dia. Holes - 25.05 penetration | | | | | | 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 6478' - 6612' AMOUNT AND KIND OF MATERIAL USED Acidize w/ 1,000 gal 15% acid, drop 48 bio-sealer balls, balled off. Foam fraced w/ 70Q, 131.561# sand, 1496 MSCF of N2, max psi: 4377, avg psi: 3679, max rate: 31.5 bpm, avg rate: 27.9 bpm, ISIP: 4310 psi, 5 min: 3244 psi, 10 min: 3044 psi, 15 min: 2910 psi, recovered 805 bbs, final frac gradient: 0.85 | | | | | | | |
| 33. PRODUCTION | | | | | | | | | | | | | |
| DATE FIRST PRODUCTION ASAP | | PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) FLOWING | | | | | WELL STATUS (Producing or Shut-In) SHUT-IN | | | | | | |
| DATE OF TEST 3/19/2007 | HR'S TESTED 3 | CHOKE SIZE 0.75" | PROD'N FOR TEST PERIOD | OIL—BBL Trace | GAS—MCF 49 | WATER—BBL 6 | GAS-OIL RATIO N/A | | | | | | |
| FLOW TUBING PRESS 20# | CSG PRESS 165# | CALCULATED 24-HOUR RATE | | OIL—BBL Trace | GAS—MCF 394 | WATER—BBL 48 | OIL ACCEPTED FOR RECORD APR 05 2007 | | | | | | |
| 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED | | | | | | TEST WITNESSED BY FARMINGTON FIELD OFFICE | | | | | | | |
| 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 Miranda Martinez | | | | TITLE REGULATORY ANALYST | | | | DATE 4/2/2007 | | | | | |
| e-mail: mmartinez@nobleenergyinc.com | | | | 505-632-8056 | | | | | | | | | |

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

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> |