

Form 3160-4
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 20001a. Type of Well ☒ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reavr.,
Other _____

2. Name of Operator

D.J. Simmons, Inc.

3. Address

1009 Ridgeway Place, Suite 200 Farmington, NM 87401

3a. Phone No. (include area code)

(505) 326-3753

4. Location of Well (Report location clearly and in accordance with Federal requirements)

At surface 162' FNL x 956' FWL

At top prod. interval reported below 1905' FNL x 2092' FWL

At total depth 1902' FNL x 2160' FWL

14. Date Spudded

1/19/04

15. Date T.D. Reached

2/29/04

16. Date Completed

☐ D&A ☒ Ready to Prod. 8/06/0418. Total Depth: MD 8555'
TVD 8153'19. Plug Back T.D.: MD 8500'
TVD 8112'20. Depth Bridge Plug Set: MD None
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Triple Litho Density/Compensated Neutron, Array Induction, GSL, CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Skis & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8", H40	48	Surface	250'	None	340 sks Class 'G'	71.5 bbls	Surface	None
12 1/4	9 5/8", J55	36	Surface	4321'	None	900 sks 65/35 Poz	280.5 bbls		
						100 sks Class 'G'	21.6 bbls	Surface	None
8 1/2	7", J55	20 and 26	4150'	6400'	None	315 sks LiteCrete	118.0 bbls	5210'	None
6 1/4	4 1/2", N80	11.6	6205'	8515'	None	300 sks 50/50 Poz	68.4 bbls	6205'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	8402'	8402'						

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Dakota	8350' MD	8555' MD	8476' - 8452'	0.32"	30 holes	Producing
B) Lower Gallup/Mancos	7956' MD	7710' MD	7956' - 7710'	0.32"	71 holes	Producing
C) Upper Gallup	7462' MD	7019' MD	7462' - 7019'	0.32"	95 holes	Producing
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8476' - 8452'	564.6 bbls 65Q foam slurry and 73,459 lbs 20/40 Super L
7956' - 7710'	338.3 bbls 65Q foam slurry and 9,978 lbs 20/40 Super L - Sanded off, too tight to frac
7462' - 7019'	654.6 bbls 65Q foam slurry and 78,620 lbs 20/40 Super L - Sanded off

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
4/7/04	4/7/04	1	→	9	3.33	9			Flowing - first stage only
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
1/2"	100	400	→	216	80	216			Flow Testing

29. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

30. Instructions and spaces for additional data on reverse side)

5. Lease Serial No.
NM 105189
6. If Indian, Allottee or Tribe Name
7. Unit or CA Agreement Name and No.
8. Lease Name and Well No.
Byrne Federal 24-1R
9. API Well No.
30-039-27556
10. Field and Pool, or Exploratory
West Lindreth Gallup/Blanco Mv
11. Sec., T., R., M., on Block and
Survey or Area Sec 24, T25N, R3W
12. County or Parish
Rio Arriba
13. State
NM
17. Elevations (DF, RKB, RT, GL)*
7206' GLACCEPTED FOR RECORD
AUG 18 2004
8/18/2004

28 b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Pres. Flwg. SI	Csg Pres.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg Pres. Flwg. SI	Csg Pres.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

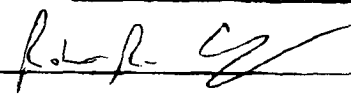
Formation	Top	Bottom	Descriptions, Contents, etc.	Name	TOP
					Meas. Depth
Ojo Alamo	3254'	3354'	Water	Huerfanto Bentonite	3778'
Fruitland	3494'	3632'	Gas / Water		
Pictured Cliffs	3632'	3778'	Gas		
Mesa Verde	5296'	6042'	Gas/Water		
Gallup	6872'	7588'	Oil/Gas		
Greenhorn	8118'	8208'	Oil/Gas		
Dakota	8350'	8555'	Oil/Gas		

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (I full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Robert R. GriffieTitle Operations ManagerSignature Date 08/17/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.