Form 3160-5
(June 1990)

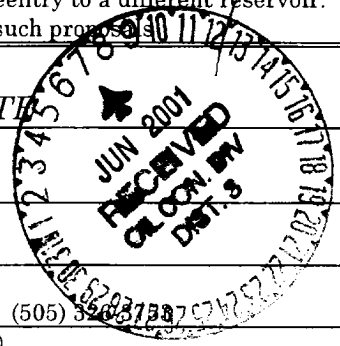
FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT---" for such proposals

SUBMIT IN TRIPLICATE



1. Type of Well
   ☐ Oil x Gas ☐ Other
2. Name of Operator
   D.J. Simmons Inc.
3. Address and Telephone No.
   1009 Northridge Dr. Suite 200, Farmington NM 87401 (505) 326-3753
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
   1510' FSL x 790' FWL, Section 24, T29N, R9W

5. Lease Designation and Serial No.
   SF-080000-A
6. If Indian, Allottee or Tribe Name
   N/A
7. If Unit or CA, Agreement Designation
8. Well Name and No.
   Simmons E #3R
9. API Well No.
   30-045-24771
10. Field and Pool, or Exploratory Area
    Otero Chacra
11. County or Parish, State
    San Juan County, New Mexico

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
☐ Notice of Intent	☐ Abandonment	☐ Change of Plans
	☐ Recompletion	☐ New Construction
	☐ Plugging Back	☐ Non-Routine Fracturing
X Subsequent Report	☐ Casing Repair	☐ Water Shut-Off
	☐ Altering Casing	☐ Conversion to Injection
☐ Final Abandonment Notice	X Other Completion_	☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depth for all markers and zones pertinent to this work.)*

D. J. Simmons, Inc. hasperformed the completion operations on the well bore described above. CBL and GSL logs and a completion reports are enclosed.

ACCEPTED FOR RECORD
MAY 23 2001
FARMINGTON FIELD OFFICE
BY

14. I hereby certify that the foregoing is true and correct
    Signed Robert R. Griffee Title Consulting Engineer Date 05/22/01

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

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.

***See Instruction on Reverse Side**

(Sundry 4-14-95 Temp Abandon.doc)

IL

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FOR APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.: SF-08000-A

1a. Type of Well ☐ Oil Well ☑ Gas Well ☐ Dry Other
b. Type of Completion: ☐ New Well ☑ Work Over ☐ Deepen ☐ Plug Back ☑ Diff. Resvr.
Other Sidetrack re-completion & co-mingle

6. If Indian, Allottee or Tribe Name:

7. Unit or CA Agreement Name and No.:

2. Name of Operator: D.J. SIMMONS, INC.

8. Lease Name and Well No.: SIMMONS E3R

3. Address: 1009 Ridgeway Place, Suite 200, Farmington, NM 87401

3a. Phone No. *(include area code)*: (505) 326-3753

9. API Well No.: 30-045-24771

4. Location of Well *(Report location clearly and in accordance with Federal requirements)**
At Surface: 1510' FSL x 790' FWL
At top prod. interval reported below:
At total depth: Same

10. Field and Pool, or Exploratory: BLANCO MESAVERDE/Otero Chacra

11. Sec., T., R., M., on Block and Survey or Area: Section 24, T29N, R9W

12. County or Parish: SAN JUAN

13. State: NM

14. Date Spudded: 3/6/1981

15. Date T.D. Reached: 3/22/1981

16. Date Completed ☐ D&A ☑ Ready to Prod. 1/10/2001

17. Elevations (DF, RKB, RT, GL)*: 6394' GR 6406' KB

18. Total Depth: MD 5600 TVD 5600

19. Plug Back T.D.: MD 5560 TVD 5560

20. Depth Bridge Plug Set: MD N/A TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
GAS SPECTRUM LOG, CEMENT BOND LOG

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 Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 3/4	9 5/8"/ J55	36	SURFACE	281	NONE	265 sks	56.0	SURFACE	NONE
8 3/4	7" / J55	20	SURFACE	3348	NONE	440 sks 65/35 poz	125.0		
						110 sks class 'b' neat	23.0		NONE
6 1/4	4 1/2" / J55	10.5	3178	5600	NONE	330 sks 50/50 poz	94.0		
								3178	NONE

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"	5500							

25. Producing Intervals / 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4565	5570	4573-5570	.34"	36	producing
B) CHACRA/LEWIS	3554	4565	3868-4532	.34"	24	producing

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

Depth Interval	Amount and Type of Material
5169-5550	144,412 gals slick water and 65,000 lbs 20/40 sand
4573-5123	151,872 gals slick water and 71,000 lbs 20/40 sand
3868-4532	114,450 gals slick water and 122,780 lbs 20/40 sand

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
4/4/1981	1/10/2001	1	→		no flow				
Choke Size	**Tbg. Press. Flwg. SI**	**Csg. Press.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
	120		→					Producing	

ACCEPTED FOR RECORD
MAR 23 2001
FARMINGTON FIELD OFFICE
BY

28a. 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.**	**24 Hr. Rate**	**Oil BBL**	**Gas MCF**	**Water BBL**	**Gas : Oil Ratio**	**Well Status**	
			→						

(See instructions and spaces for additional data on reverse side)

D. J. Simmons, Inc.

Simmons E3r
Workover Reports

12/04/00

Road rig to l ocation RU. Blow well down. ND well head, NU BOPE. SDFN.

12/05/00

MIRU Key Rig 38. Blow well down and kill casing with 3% KCL. Work stuck hanger loose. TOH with 2 3/8" tubing (SLM). PU retrievable bridge plug. TIH and set bridge plug at 4574'. Load casing with 3% KCL water. Pressure test bridge plug, pressure bled off, probably set in top MV perforation. RU Blue Jet. Ran CBL and GSL logs. Top of cement in 4 ½" casing – 3676', no cement from 3676' to liner hanger. SDFN.

12/06/00

TIH with 2 3/8" tubing. Retrieve bridge plug and re-set at 4564'. Pressure test bridge plug to 2000 psi. W.O. American Energy acid truck, truck delayed until 12/7, opt to perforate without acid. TOH. RU Blue Jet. Perforate Chacra Lewis formation as follows; 4532, 4516, 4509, 4486, 4441, 4341, 4327, 4320, 4212, 4164, 4085, 4081, 4060, 4043, 4041, 3973, 3937, 3933, 3927, 3920, 3879, 3877, 3873, and 3868'. Perforate one .34" hole at each depth. Dump sand on bridge plug. SDFN.

12/07/00

PU Weatherford PPI tool. TIH on 2 3/8" tubing. Spot 500 gals 7 ½" HCL across perforations, wait one hour for acid to work on cement. Break down each perforation with 1500 gals 15% HCL acid (American Energy). TOH and lay down PPI. PU 7" packer and 3 ½" tubing. TIH with packer and 60 jts of 3 ½" frac string. SDFN.

12/08/00

Heated frac water overnight with hot oiler. Continue TIH with 3 ½" frac string. Set packer at 3156'. Pressure backside to 500 psi and hold throughout job. RU American Energy. Frac Chacra/Lewis with 114,450 gals of slick water and 122,780 lbs of 20/40 Brady sand. Maximum sand concentration 3.05 ppg. Average rate 47 bpm at 2000 psi. ISIP = vacuum. Release packer. TOH and lay down frac string. RU to run 2 3/8" tubing. SDFN.

12/11/00

TIH with 2 3/8" tubing with retrieving tool. Unload hole with 101 joints in with air. Continue cleaning out well with air to top of liner. SDFN.

12/12/00

SITP = 0 psi. Clean out sand and frac water with air. TIH tag 465' fill. Continue c/o. TOH with 5 stands. SDFN.

12/13/00

SITP = 100 psi. Blow well down. Alternate natural flow with air circulation to clean out sand and frac fluid. C/o to 240' from bridge plug. TOH with 5 stands. SDFN.

12/14/00

SITP = 180 psi. Blow well down. TIH and tag 28' fill. C/O to 4525'. Alternate natural flow with air circulation to clean out sand and frac fluid. C/o to 240' from bridge plug. TOH with 5 stands. SDFN.

12/15/00

SITP = 180 psi. Blow well down. TIH and tag 30' new fill. C/O to bridge plug. Alternate natural flow with air circulation to clean out sand and frac fluid. RU to sell gas overnight. SDFN.

12/18/00

Well logged off over weekend. TIH and tag 50' new fill. C/O fill. Alternate natural flow with air circulation to clean out sand and frac fluid. SDFN.

12/19/00

Blow well down. TIH tag 30' new fill. C/O fill. Alternate natural flow with air circulation to clean out sand and frac fluid. SDFN.

12/20/00

TIH tag 25' new fill. C/O fill. Alternate natural flow with air circulation to clean out sand and frac fluid. SDFN.

12/21/00

TIH tag 10' new fill. C/O fill. Retrieve bridge plug. Blow down well. TOH. Lay down bridge plug. TIH to PBTD, with expendable check valve and SN one joint from bottom. Alternate natural flow with air circulation to clean out sand and frac fluid. RU to sell gas overnight. SDFN.

12/22/00

Blow down well. TIH, no fill. Unload frac water. Land 2 3/8" tubing at 5500'. ND BOPE and NU well head. Pump off expendable check valve at 980 psi. Circulate with air. Rig down and move to A1A.

12/28/00

MIRU Silverstar swabbing unit. Well had logged off. Made 6 swab runs. Used undersized cups on first two runs, had 150' of fluid, and brought no fluid to surface. On second two runs used sand cups. Still no fluid to surface. On run 5, used full sized cups, brought 4 bbls fluid to surface. On run 6, swabs stuck in seating nipple and line parted, leaving 300' of swab line in tubing. Rig down Silver star.

01/02/01

MIRU Key Rig 38. Blow down tubing. ND well head, NU BOPE. RU blooie line. SDFN

01/03/01

Blow well down. Change out ram rubbers, RU floor. TOH with 2 3/8" tubing. Recover Silver star sand line and unplug tubing, change out SN. TIH. Tag 10' fill. Unload well with air/mist. SDFN.

01/04/01

Blow well down. Clean out water with air. Lay down 2 jts tubing and land string. ND BOPE. NU well head. RU to sell gas. SDFN.

01/05/01

Well died overnight. Blow well down. ND well head, NU BOPE. Clean out sand and water with air. RU to sell gas overnight. SDFN.

01/06/01

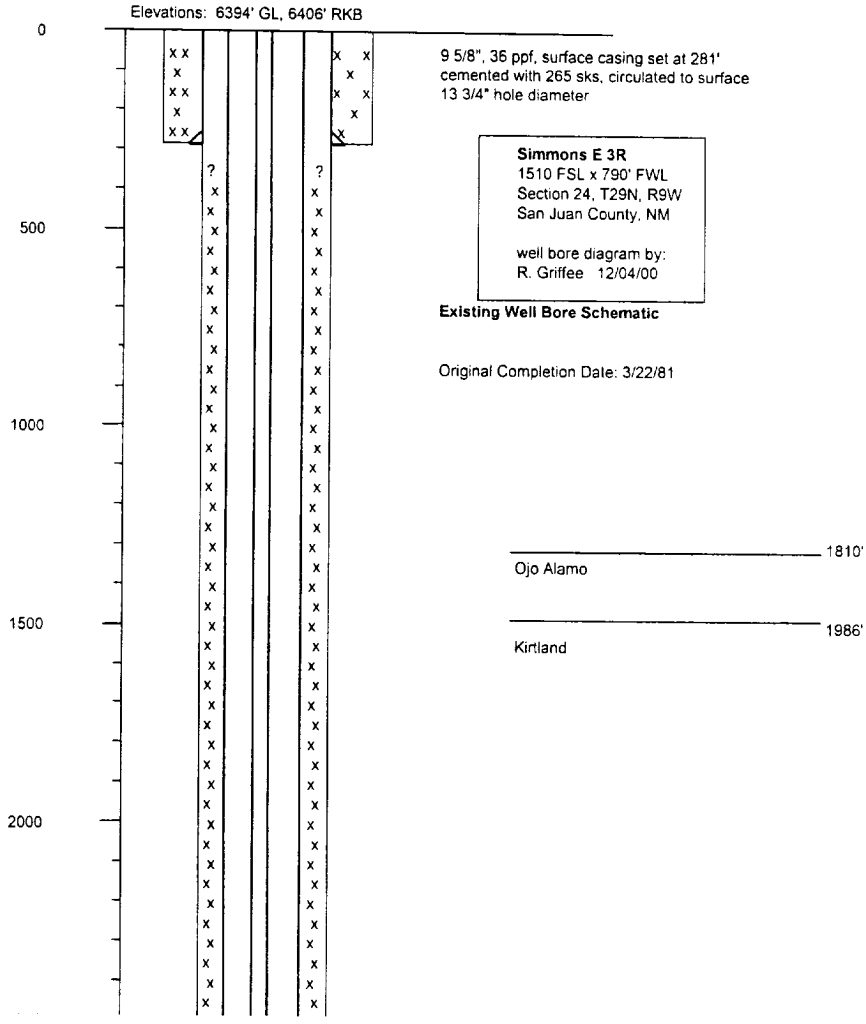
Blow well down. TIH no fill. Clean out water with air. RU to sell gas overnight. SDFN.

01/08/01

Blow well down. RIH with 8 jts tubing. Had 5' of fill. Clean out frac water by alternating natural flow with air. Shut well in. SDFN.

01/10/01

Blow well down. Clean out frac water by alternating natural flow with air. Land tubing. ND BOPE and NU well head. Move to Simmons E1.


Elevations: 6394' GL, 6406' RKB
0
500
1000
1500
2000
9 5/8", 36 ppf, surface casing set at 281'
cemented with 265 sks, circulated to surface
13 3/4" hole diameter
Simmons E 3R
1510 FSL x 790' FWL
Section 24, T29N, R9W
San Juan County, NM
well bore diagram by:
R. Griffee 12/04/00
Existing Well Bore Schematic
Original Completion Date: 3/22/81
1810'
Ojo Alamo
1986'
Kirtland