

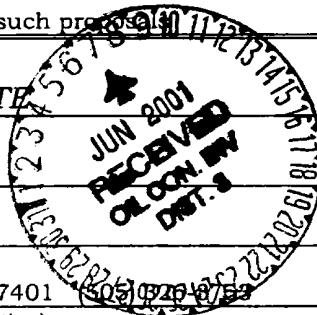
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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



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

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 E2A

9. API Well No.

30-045-22802

10. Field and Pool, or Exploratory Area
Blanco Mesa Verde

11. County or Parish, State
San Juan County, New Mexico

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

D.J. Simmons Inc.

3. Address and Telephone No.

1009 Ridgeway Place, Suite 200, Farmington NM 87401

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1700' FNL x 790' FWL, Section 23, T29N, R9W

Actual Bottom Hole Location:

950' FNL x 1875' FWL, Section 23, T29N, R9W

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

TYPE OF SUBMISSION

☐ Notice of Intent

☒ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Completion

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple

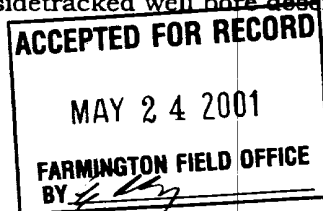
Completion or Recompletion Report and

completion on Well

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 Company has performed the completion operations on the sidetracked well bore described above. CBL and GSL logs and a completion report are enclosed.



14. I hereby certify that the foregoing is true and correct

Signed

Robert R. Griffie

Title: Operations Engineer

Date: 2/15/01

(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

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 080000-B

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-tringle

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 E2A

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

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

9. API Well No.
30-045-22802

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

At Surface 1700' FNLx 790' FWL

At top prod. interval reported below 1656' FNL x 910'FWL

At total depth 950' FNL x 1875' FWL

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

11. Sec., T., R., M., on Block and
Survey or Area
SEC. 23, T29N, R9W

12. County or Parish
SAN JUAN

13. State
NM

14. Date Spudded
01/15/1978

15. Date T.D. Reached
08/30/2000 (for sidetrack)

16. Date Completed
☐ D&A ☒ Ready to Prod. 01/17/2000

17. Elevations (DF, RKB, RT, GL)*
5794 GL, 5805 RKB

18. Total Depth: MD 5214
TVD 4785

19. Plug Back T.D.: MD 5119
TVD 4696

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
13 3/4	9 5/8" / J55	36	SURFACE	231	NONE	200 sks Class 'b'	42.0	SURFACE	NONE
8 3/4	7" / J55	23	SURFACE	2680	NONE	200 sks 'lite'	56.0		
						100 sks Class 'b'	21.0	1100'	NONE
6 1/4	4 1/2" / J55	10.5	SURFACE	5212	NONE	310 sks 50/50 poz	86.0		
					sqz holes 4740'	275 sks 50/50 poz	76.4	3320	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"	4644							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MESAVERDE	4122	5100	4122 - 5050	.34"	43	producing
B) CHACRA/LEWIS	3344	4122	3206 - 3898	.34"	20	producing

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

Depth Interval	Amount and Type of Material
4692 - 5050	107,883 gals slick water and 100,800 lbs 20/40 Brady Sand
4122 - 4636	110,000 gals slick water and 101,600 lbs 20/40 Brady Sand
3014 - 3476	88,800 gals slick water and 68,300 lbs 20/40 Brady Sand

ACCEPTED FOR RECORD

MAY 24 2001

FARMINGTON FIELD OFFICE
BY 5-221

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
10/13/2000	01/18/2001	1	→		400 MCFD				FLOWING - Both zones co-mingled
Choke Size	Tbg Press. Flwg SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
	120		→					Producing	

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 E2A SideTrack
Completion Reports

9/5/00

Gas bleeding around 4 ½" rams. Primary cementing job did not cover zone. Too much gas to land and cut off casing. W.O. Blue Jet. RU Blue Jet. Ran CBL from PBTD (5227') to 2400'. Found cement top at 4750' (mid Menefee). Perforate 2 squeeze holes at 4740'. W.O. Dowell/Schlumberger. Establish circulation down casing through squeeze holes. RU D/S. Cement with 275 sks 50/50 poz slurry (see cementing report for detail). Displace with 72 bbls water, leaving 100' of cement inside casing. Pressure built up to 1200 psi at end of displacement. Shut well in. SDFN.

9/6/00

Gas was shut off around casing, from cement job. ND BOPE. Land casing. Cut off casing. NU well head. NU BOPE. PU 2 3/8" tubing, six 3 1/8" drill collars, and bit. TIH. Tag cement at 4508'. Drill cement to 4740'. RIH to float collar at 5119'. SDFN.

9/7/00

TOH. RU Blue Jet. Ran gage ring to PBTD. Ran CBL/GR/CCL. Cement top at 2700'. Ran GSL log 5146' – 2400'. TIH with tbg, open ended, to 5065'. SDFN.

9/8/00

RU American Energy. Spot 250 gals 7 ½ % HCL. TOH with tubing. RU Blue Jet. Perforate first stage with one hole each (.34" hole diameter), from top down, as follows: 4692, 4706, 4724, 4737, 4794, 4873, 4884, 4940, 4948, 4963, 4978, 4994, 4999, 5005, 5012, 5022, 5028, 5037, and 5050' (19 holes). PU Weatherford PPI tool. TIH. Isolate each perforation and break down with 15% HCL. Pumped a total of 1200 gals of 15% HCL acid. TOH. SDFN.

9/11/00

Had 700 psi SICP. RU American Energy, Stinger, and Pro-Techniques. Pressure test lines to 5000 psi. Frac first stage with 107,883 gals 3% KCL slick water and 100,800 lbs 20/40 Brady sand. Average rate 41 bpm at 1300 psi. ISIP = vacuum. Radioactive tracers were used. RU Blue Jet. Set Halliburton wireline-set composite bridge plug at 4671'. Bridge plug did not set properly and did not pressure test. Continued applying pressure with rig pump. Bridge plug set and pressure tested to 1800 psi for 30 min. TIH with tbg open-ended to 4636'. Spot 400 gals of 7 ½ % HCL. TOH. RU Blue Jet. Perforate second stage with one hole each (.34" hole diameter) from top down, as follows: 4122, 4130, 4135, 4167, 4223, 4268, 4284, 4292, 4307, 4322, 4330, 4337, 4370, 4377, 4384, 4435, 4441, 4474, 4560, 4566, 4596, 4602, 4608, and 4636' (24 holes). SDFN.

9/12/00

Had 0 psi SICP over night. PU Weatherford PPI tool. TIH. Break down perforations with 24 bbls 15% HCL. Perforations at 4135, 4337, and 4435' had higher break-down pressures. TOH. RU American Energy, Stinger, and Pro-Techniques. Pressure test lines to 5000 psi. Frac second stage with 110,000 gals 3% KCL slick water and 101,600 lbs 20/40 Brady sand. Average rate 47 bpm at 2400 psi. ISIP = 125 psi. Radioactive tracers were used. RU Blue Jet. Set Halliburton wireline-set composite bridge plug at 4071'. SDFN.

D. J. Simmons, Inc.

**Simmons E2A SideTrack
Completion Reports**

9/13/00

TIH with tbg open-ended to 3898'. Spot 500 gals of 7 ½ % HCL. TOH. Perforate third stage with one hole each (.34" hole diameter) from top down, as follows: 3206, 3296, 3344, 3346, 3348, 3350, 3371, 3384, 3456, 3505, 3523, 3564, 3618, 3678, 3748, 3754, 3778, 3856, 3887, and 3898' (20 holes). PU Weatherford PPI tool and TIH. Break down perforations with 24 bbls 15% HCL. TOH. SDFN.

9/14/00

Wait on American Energy Frac crew. RU American Energy, Stinger, and Pro-Techniques. Pressure test lines to 5000 psi. Frac third stage with 88,800 gals 3% KCL slick water and 68,300 lbs 20/40 Brady sand. Average rate 57 bpm at 2800 psi. ISIP = 230 psi. Radioactive tracers were used. Rig down frac crew. Flow well back. TIH with tbg and bit to 3708'. Tag sand. Flow well back. SDFN.

9/15/00

SICP = 0 psi over night. RIH to 3708'. Blow well, making frac sand and frac water. Clean out to first bridge plug at 4071'. Drill out bridge plug (drilled out in 7 minutes). Blow well. POOH to 3700'. SDFN.

9/18/00

SICP = 420 psi over weekend. Clean out with air to 2nd bridge plug at 4671'. Well making frac sand and water. Significant amounts of gas noted when well producing without air. SDFN.

9/19/00

Continue cleaning out well. Drill bridge plug at 4671' (drilled out in 7 minutes). Clean out to PBTD of 5119'. Blow well. Well made 35 ft of sand after being allowed to flow on it's own for 1 ½ hours. Significant gas production, visual estimate 500,000 mcf/d +. POOH with 10 stands. SDFN. Left well blowing to pit over night.

9/20/00

Well had made 35 ft of sand. Clean out to PBTD. POOH with tubing. Lay down bit. TIH with tubing to 3700'. Temporarily land tbg. Will allow well to flow to separator and continue to clean up. Prepare to move rig to L.V. Hamner A1

10/4/00

MIRU Key Rig 38.

10/5/00

POOH with 2 3/8" tbg. PU bit. TIH with bit and tbg. Tag sand at 5028'. Clean out sand and Frac fluid. POOH with 10 stands. SDFN.

10/6/00

Flow well natural 3 hours, making Frac sand and water plus gas. RIH. Made 50' of sand. Repeat procedure and continue cleaning out sand. POOH 4 stands. SDFN.

10/9/00

SICP = 330 psi over weekend. RIH, had 60 ' of sand fill. Clean out sand. RU Blue Jet. RIH with GR and audio log. Ran GR correlation., went back to bottom. Well had made 70' of sand, covered Point Lookout perms. Cancel log. RIH, continue cleaning out sand. SDFN.

10/10/00

Continue cleaning out frac sand, by natural flow, then clean out run. SDFN.

10/11/00

SICP = 320 psi. Continue cleaning out sand. SDFN.

10/12/00

Blow well down. RIH, clean out 20 ft of fill. POOH. RU Blue Jet and ran GR and audio log. RIH with bit and tbg and clean out 70 ft of fill. SDFN.

10/13/00

SICP = 280 psi. Repair rig. Clean out sand as before. TOH with 15 stnds. SDFN. Hook up well to produce through weekend.

10/16/00

Well made 440 mcf on Saturday, 400 mcf on Sunday. Continue cleaning out sand. Well now making black 'goop'. SDFN.

10/17/00

Clean out 25' fill. TOH. PU Weatherford packer. RIH land tbg and 4850, and set packer at 4000', SN 1 jt from bottom. SDFN.

10/18/00

Rig down and prep to move to L.V. Hamner A1

D. J. Simmons, Inc.

**Simmons E2A SideTrack
Completion Reports**

1/15/01

MIRU Key Rig 38

1/16/01

RU Slick line. Set plug in tubing. Blow down well. ND well head, NU BOPE. String out and RU blooie line. Release packer. POOH. Lay down 6 joints of tubing. Install expendable check in tubing. TIH. Attempt to pump out check. Tubing plugged. SDFN.

1/17/01

Blow well down. POOH. Lay down plugged joint of tubing and replace. Re-install expendable check. TIH. Land tubing at 4644', SN one joint from bottom. Pump out check with air. ND BOPE and NU well head. Rig down. Prepare to move to Marron Federal.

Measured Depth Elevations: 5794' GL, 5805' RKB

