

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

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

5. Lease Designation and Serial No.  
Contract 111

6. If Indian, Allottee or Tribe Name  
Jicarilla

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Jicarilla H #102

9. API Well No.

3003922006

10. Field and Pool, or Exploratory Area  
W Lindrith Gallup Dakota

11. County or Parish, State  
Rio Arriba County, New Mexico

**SUBMIT IN TRIPLICATE**

1. Type of Well

☐ Oil ☒ Gas ☐ Other

2. Name of Operator

D.J. Simmons Co.

3. Address and Telephone No.

1009 Ridgeway Place, Suite 200, Farmington NM 87401 (505) 326-3753

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

1920' FNL x 1650' FWL, Section 6, T24N, R4W

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 \_\_\_\_\_

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ 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. has recompleted this well in the Lewis formation. Details of the recompletion work are attached.

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

Signed

Robert R. Griffie

Title Operations Engineer

(This space for Federal or State office use)

/s/ Brian W. Davis

Approved by

Title

Lands and Mineral Resources

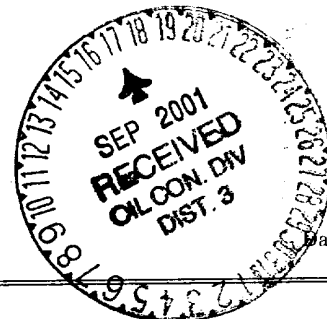
Date

SEP 6 2001

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



Date: 8/02/01

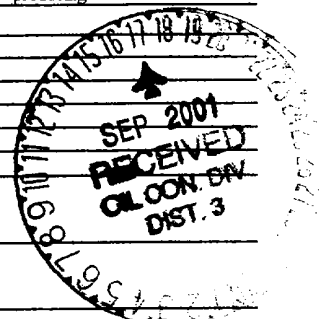
UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry    Other b. Type of Completion: <input type="checkbox"/> New Well <input checked="" type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other <u>Sidetrack re-completion &amp; co-mingle</u>				5. Lease Serial No. Contract 111					
2. Name of Operator D.J. SIMMONS, INC.				6. If Indian, Allottee or Tribe Name Jicarilla					
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    1920' FNL x 1650' FWL At top prod. interval reported below    same At total depth    same				7. Unit or CA Agreement Name and No.  8. Lease Name and Well No. Jicarilla H #102 9. API Well No. 30-003-922006					
10. Field and Pool, or Exploratory Wildcat Lewis				11. Sec., T., R., M., on Block and Survey or Area SEC. 6, T24N, R4W					
12. County or Parish Rio Arriba				13. State NM					
14. Date Spudded 3/25/1979		15. Date T.D. Reached 4/10/1979		16. Date Completed <input type="checkbox"/> D&A <input checked="" type="checkbox"/> Ready to Prod.    5/11/2001		17. Elevations (DF, RKB, RT, GL)* 6847 GL			
18. Total Depth: MD    7472' TVD    same		19. Plug Back T.D.: MD    7350' TVD    same		20. Depth Bridge Plug Set: MD    4900' and 5990' TVD    same					
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) GAS SPECTRUM LOG, CEMENT BOND LOG				22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> 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
12 1/4	8 5/8" J55	24	SURFACE	327'	NONE	260 sks		SURFACE	NONE
7 7/8	5 1/2" / J55	15.5 and 17#	SURFACE	7411'	NONE	695 sks			
						100 sks Class 'b'	21.0	3248'	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"	4260'								
25. Producing Intervals				26. Perforation Record					
Formation		Top	Bottom	Perforated Interval		Size	No. Holes	Perf. Status	
A) Dakota		7236	7368	7238 - 7302		.34"	23	isolated/not producing	
B) Gallup		6156	7000	6197 - 6475		.34"	33	isolated/not producing	
C) Mesa Verde		4506	5236	5097 - 5298		.34"	19	isolated/not producing	
D) Lewis		2986	###	3390 - 4275		.34"	28	producing	
27. Acid, Fracture, Treatment, Cement Squeeze, Etc.									
Depth Interval		Amount and Type of Material							
5797 - 4360		squeezed with 325 sks 65*35 poz							
5097 - 5298 (Mesa Verde)		frac'd with 86,200 lbs 20/40 Brady sand and 75,096 gals slick water							
3014 - 3476		frac'd with 95,060 lbs 20/40 Brady sand and 89,124 gals slick water							
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
5/12/2001	5/12/2001	1	→		250mcfd				FLOWING
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.**

Jicarilla H 102  
Workover Reports

02/23/01

MIRU Key Rig 38. SDFN.

02/26/01

RU slick line. RIH and catch plunger at 7122'. POOH, lay down plunger. RIH and catch spring at 7122'. POOH and lay down spring. Rig down slick line. RU unit and equipment. SDFN.

02/27/01

Blow well down. ND well head, NU BOPE. Lay down hanger. Un load well with air. TOH with 2 3/8" tubing, SLM. PU bit and casing scraper. TIH. Tag 60' fill. Break circulation with air. Clean out sand to PBTD (7385'). SDFN.

02/28/01

Open well. TOH, lay down bit and scraper. Let well blow down. MU R.B.P. TIH and set bridge plug at 7186'. Load casing with 40 bbls 3% KCL. TOH. Lay down retrieving head. SDFN.

03/01/01

RU Blue Jet. Ran CBL 7168' to 6190'. Rig down Blue Jet. PU retrieving tool, TIH, catch and release R.B.P. Equalize well. TOH 18 stands and set R.B.P at 6123'. Load casing with water. RU Blue Jet. Run CBL from 6123' to 2400'. Rig down Blue Jet. TIH with 60 stands, unload well with air. TIH with 29 stands, unload well with air. SDFN.

03/02/01

Unload well with air. Rig up to blow pit. TIH. Catch and release R.B.P. Toh and lay down tools. PU SN. Re-run 2 3/8" tubing with SN one joint from bottom. Land tubing at 7153'. ND BOPE and NU well head and lines. SDFN.

03/05/01

Rig down and move to Jicarilla H 109.

03/13/01

Travel to location. Roads too muddy to move rig. Wait on weather. SDFN.

03/14/01

Road rig to location. Load pipe and equipment. RU on Jicarilla 102. Blow well down. ND well head, NU BOPE. RU floor. TOH with 231 jts of 2 3/8" tubing. SDFN.

03/15/01

Blow well down. PU R.B.P. TIH to 6050' set bridge plug. Load casing with water, circulate out oil. Pressure test R.B.P to 1500 psi. TOH. Lay down retrieving head. Dump sand on plug. SDFN.

03/16/01

RU Blue Jet. Perforate 2 squeeze holes at 5792' and 2 squeeze holes at 4360'. RD Blue Jet. PU packer and RIH with 2 3/8" tubing. Set packer at 4390'. Circulate down tubing, through holes at 5797', up casing/hole annulus, out holes at 4360', up tbh/csg annulus, to surface. Well began flowing oil and gas. Turned well to tank battery and measured 250 mcf/d rate in 15 minutes. POOH, lay down pkr. Kill well. PU cement retainer. TIH killing well 3 times. Set cement retainer at 5599.62'. RU D/S. Squeeze cement as follows; 20 bbls 3 % KCL water, 20 bbls chemical wash, 325 sks 50/50 poz. Displaced with 20.5 bbls water. Left 1 bbl cement on top of retainer. Mixed and displaced at 2 bpm, had 850 psi at end of job. Well flowed oil and gas until last 1/3 of job, then flow ceased. TOH with 15 stands, reverse out tubing. SDFN.

03/19/01

RIH and tag cement on retainer. TOH. RU Blue jet. Run CBL 5474' - 3900'. Good cement in place between perforations. Rig down Blue Jet. SDFN.

03/20/01

PU bit and dc's. TIH, tag cement. RU Swivel. Drill cement. Rig pump failed, repair pump. SDFN.

03/21/01

Repair rig pump. Drill cement. Unplug bit. Continue drilling cement and retainer. Pump continuing to have problems, order parts. SDFN.

03/22/01

Repair rig pump. Complete drilling cement. TOH, lay down bit and tools. RU Blue Jet. Run GSL log 5989' - 2900'. RD Blue Jet. SDFN.

03/23/01

TIH with 30 stands, unload hole with air, continuing staging in hole to top of bridge plug at 6050'. SDFN.

03/26/01

W.O American Energy. RU acid truck. Spot 300 gals 7 1/2% HCL. RD American Energy. TOH with 2 3/8" tubing, LD scraper and bit. RU Blue Jet. Perforate first stage (Point Lookout) as follows; 5289, 5239, 5176, 5174, 5160, 5158, 5123, 5118, 5116, 5114, 5110, 5108, 5106, 5104, 5102, 5097, 5077 (2 holes), 5023, and 5021' (one .34' diameter hole each, except at 5077'). MU Weatherford PPI tools. TIH to perforations, locate casing collars. SDFN.

03/27/01

Open well. RU American Energy. Break down perforations with PPI tool and 1700 gals of 15% HCL (0 to 500 psi). TOH. LD PPI tools. SDFN.

03/28/01

W.O 3 1/2" tubing string. PU packer and 3 1/2" tubing, TIH (SLM), set packer at 3003'. SDFN. Hot-Oiler to heat frac water overnight.

03/29/01

Shut down, waiting on American Energy.

03/30/01

W.O. American Energy. RU American. Frac first stage with 86,200 lbs of 20/40 sand and 75,096 gals of slick water. Average rate 36 bpm at 3250 psi. ISIP 800 psi, 15 min 840 psi. Flow well back with 700 psi tubing pressure on 3/8" choke. Shut well in, SDFN.

03/31/01

SITP = 350 psi. Flow back frac water. Well died by 5:30 p.m. Leave well open to tanks. SDFN.

04/02/01

Release packer. TOH and lay down 3 1/2" tbg and pkr. RU for 2 3/8" tbg. TIH, unloading hole with air. SDFN.

04/03/01

Open well. Circ out water and frac sand with air. SDFN.

04/04/01

SICP = 320 psi. Blow well down and unload. TIH with 10 stnds. Clean out water and sand with air. SDFN.

04/05/01

SICP = 380 psi. Blow well down and unload. TIH with 5 stands. Clean out water and sand with air. SDFN.

04/06/01

Blow well down. Tih and clean out water and sand with air. TOH 10 stnds. SDFN.

04/09/01

Blow well down. Tih and clean out water and sand with air. TOH 10 stnds. SDFN.

04/10/01

Blow well down. Tih and clean out water and sand with air. TOH 10 stnds. SDFN.

04/11/01

Blow well down. Complete TIH. POOH and lay down packer. OU retrieving tool, TIH, retrieve bridge plug. POOH 50 ft and re-set bridge plug. POOH. PU packer and retrieving head. TIH with 121 joints. SDFN.

04/12/01

SICP = 50 psi. Packer set at 5140', bridge plug at 5200', isolating perforations at 5158' – 5289'. Swab zone with 8 runs, recovering 15 to 20 bbls black to clear water and a medium gas blow after each run (black water is formation water). TIH, tag fill on bridge plug, unload hole with air and clean out sand. Retrieve bridge plug, POOH and set bridge plug and 5140', and packer at 5088, isolating perforations from 5123' to 5097'. SDFN.

4/13/01

SITP = 150 psi. Blow well down. Swab and flow back. Recovered formation water and gas. SDFN.

4/16/01

SITP = 850 psi over week end. Blow well down. Unset packer, blow well down, clean out and retrieve bridge plug. Kill tubing. POOH and set bridge plug at 5088' and packer at 5000', isolating perf at 5077'. Swab well in, well making mostly gas and oil. Isolate perforations 5021 - 5023. Swab well in, well making mostly formation water. Release packer, RIH and retrieve bridge plug, POOH and set bridge plug at 4348'. Dump sand on bridge plug. SDFN.

4/17/01

TIH with 4 stands. RU American Energy. Load hole and pressure test bridge plug to 1000 psi. Spot 1000 gals of 7 ½% HCL. TOH and lay down packer. RU Blue Jet. Perforate one hole each at 3390, 3410, 3416, 3422, 3458, 3676, 3678, 3758, 3770, 3847, 3857, 4255, 4268, and 4273' (14 0.34" holes). RD Blue Jet. MU PPI tools, TIH with 50 stands. SDFN.

04/18/01

SICP = 0 psi. Continue TIH with PPI tools. Break down each perforation with 15% HCL, using a total of 1200 gals. POOH and lay down tools. Change out tongs to 3 ½" tubing. PU 3 ½" packer and 3 ½" tubing. TIH. Shut down early for wind.

04/19/01

SICP = 80 psi. Blow well down. Complete TIH with 3 ½" tbg. Set packer at 3024' (bridge plug set at 4348'). RU American Energy. Frac Lewis (stage 2) with 89,124 gals slick water and 95,060 lbs of 20/40 Brady sand. Average rate 45 bpm at 4000 psi. ISIP – 650 psi, 5 min – 661 psi, 10 min – 652 psi, 15 min – 645 psi. RD American Energy. Flow well back, initial FTP = 650 psi. Secure well, SDFN.

04/20/01

Flow well back, frac water and sand. SDFN.

04/23/01

RD flow line. Unset packer. TOH with 3 ½" tbg and packer, lay down. Change over to 2 3/8" tools. TIH and tag sand at 4038'. Circ out sand and water with air. TOH with 5 stands, SDFN.

04/24/01

SICP = 600 psi. Blow well down. Flow well. TIH and tag sand. Clean out sand and frac water with air, alternating air with natural flow.

04/25/01

SICP = 900 psi. Blow well down. Alternate natural flow with air to clean out sand and frac water. TOH with 5 stands and SDFN.

04/26/01

SICP = 900 psi. Blow well down. Alternate natural flow with air to clean out sand and frac water. TOH with 5 stands and SDFN.

04/27/01

Blow well down. Clean out with air and foam. Pump 2 bbl sweeps each ½ hour. RU to sell gas overnight. SDFN.

04/30/01

TIH, tag 6' fill. Unload hole with air and foam. Blow well dry. TOH with 5 stands. SDFN. 80 bbls load recovered so far.

05/01/01

SITP= 550 psi. Blow well down. TIH, tag 12' fill. Clean out to top of retrievable bridge plug. SDFN.

05/02/01

SITP = 550 psi. Blow well down. TIH and clean out. Retrieve bridge plug. Work plug out of hole. Lay down bridge plug. TIH, tag 1000' of fill. Unload well. Repair flow back tank. Clean out well with air. TOH with 5 stands. SDFN.

05/03/01

SICP = 600 psi. Blow well down. TIH tag fill. WO Weatherford Air 3 hours. TOH 5 stands. TIH and unload well. SDFN.

05/04/01

SICP = 600 psi. Blow well down. Tag fill, clean out 250' of sand. Repair flow back tank. TOH 5 stands. SDFN.

05/07/01

SICP = 800 psi. Blow well down. TIH and clean out to retrievable bridge plug. TOH 7 stands. SDFN.

05/08/01

SIPC = 750 psi. Blow well down. TIH and clean out to retrievable bridge plug. TOH 7 stands. SDFN.

05/09/01

SICP = 750 psi. Blow well down. TIH tag fill. Clean out with air. Catch and release bridge plug. TOH and lay down plug. RU Blue Jet. Set drillable CIBPs at 6000' and 4900'. RD Blue Jet. RU to sell gas overnight. SDFN.

05/09/01

SICP = 750 psi. Blow well down. TIH tag fill. Clean out with air. Catch and release bridge plug. TOH and lay down plug. RU Blue Jet. Set drillable CIRPs at 5990' and 4900'. RD Blue Jet. RU to sell gas overnight. SDFN.

05/10/01

Open Well. TIH with 35 stands. POOH and lay down 70 joints. TIH with 137 joints of 2 3/8" tubing with SN one joint from bottom. Land tubing at 4260'. ND BQPE, NU well head. Rig down equipment. Too windy to lower mast. SDFN.

05/11/01

RD unit and equipment. Steam clean pit. Release rig.



Elevations: 6847' GL

