Submit 3 Copies To Appropriate District Office
District I
1625 N. French Dr., Hobbs, NM 88240
District II
1301 W. Grand Ave., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
May 27, 2004

WELL API NO.
30-039-27556

5. Indicate Type of Lease
STATE ☐ FEE ☐

6. State Oil & Gas Lease No.
NM 105189

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

7. Lease Name or Unit Agreement Name
Byrne Federal

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

8. Well Number 24-1R

2. Name of Operator
D.J. Simmons, Inc.

9. OGRID Number
005578

3. Address of Operator
1009 Ridgeway Place, Suite 200, Farmington, NM 87401 (505) 326 3753

10. Pool name or Wildcat
West Lindreth Gallup/ Blanco MV

4. Well Location
Unit Letter E : 1623 feet from the North line and 956 feet from the West line
Section 24 Township 25N Range 3W NMPM County Rio Arriba

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
7206'

Pit or Below-grade Tank Application ☐ or Closure ☐

Pit type Reserve Depth to Groundwater >100' Distance from nearest fresh water well >1000' Distance from nearest surface water > 1000'

Pit Liner Thickness: 12 mil Below-Grade Tank: Volume N/A bbls; Construction Material Earthern Bremed

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
OTHER:			☐				
				OTHER: Completion Operations			☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.
Attached are the completion reports for the above referenced well.

I hereby certify that the information above is true and complete to the best of my knowledge and belief. **I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.**

SIGNATURE Robert R. Griffee TITLE OPERATIONS Manager DATE 8/15/04

Type or print name Robert R. Griffee E-mail address: rgriffee@djsimmonsinc.com Telephone No. 505 326 3753

For State Use Only

APPROVED BY: Charlie Perrin TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE AUG 19 2004

Conditions of Approval (if any):

DJ SIMMONS, INC.

1009 Ridgeway Place
Suite 200
Farmington,
New Mexico 87401

505-326-3753
505-327-4659 FAX
info@djsimmonsinc.com
www.djsimmonsinc.com

Byrne Federal 24-1R
Completion Reports
(daily summary)

5/17/04

MIRU DJS Rig 111. Attempt to rig up unit. Ground too soft. Wait on matting boards. Re-set rig and rigged up. Caliper and tally 3 1/8" dc's. NU BOPE. PU bit and six dc's. TIH with 11 jts 2 3/8" tubing. SDFN.

5/18/04

TIH, found liner top clean at 6205'. TIH and tag soft fill at 8312'. Break circulation and roll hole with 3 % KCL. Clean out to latch plug. Drill latch plug, float collar, and cement to 8480'. Circulate well boreclean. TOH with 40 stands into 7" liner. SDFN.

5/19/04

TIH with 40 stands. Drill out remaining cement to 8500'. Circulate well bore clean. TOH. MU casing scraper. TIH to PBTD. No tight spots. TOH 28 stands. SDFN.

5/20/04

Finish TOH. LD scraper and bit. RU Blue Jet. RIH with CBL to 6902', tool would not slide around curve. Pull up to 6205' and ran CBL to 4312' in 7" liner. Ran GSL log. GSL tool went to bottom with no difficulty (no bow springs on GSL, stiff springs on CBL). Replaced bow springs on CBL tool and ran CBL from PBTD to 4 1/2" liner top. Perforated Cubero from 8462' to 8470' and 8452' to 8458' with 2 jspf. RD Blue Jet. SDFN. No vaccum or pressure on casing after perforating.

5/21/04

Open well, no pressure. TIH with 5 stands of tubing. Make up packer. TIH to 4 1/2" liner top. Service Unit and equipment. SD for weekend.

5/24/04

Open well, well on slight vacuum. Finish TIH with tail pipe and packer. Bottom of tubing at 8475', packer at 8164'. Set packer, open bypass. Pump 20 gals 15% NE HCL across perforations. Allow acid to work on cement for 5 minutes. Close bypass and break down perforations at 3300 psi and 1.7 bpm. Acidize with an additional 1480 gals 15% NE HCL acid. Average pressure was 3500 psi at 3.2 bpm. ISIP was 1260 psi and 15 min was 460 psi. Shut well in for 2 hours to allow acid to spend. Open well, no flowback. RU to swab. Made 9 runs recovering 21 bbls. Secure well, SDFN.

5/25/04

SITP - 20 psi. Open well. Swab fluid down to SN in 12 runs, recovering 42 bbls of fluid with gas and oil shows. After 15 runs, the well made 1.5 bbls per run with a 65% oil cut. Swabbed a total of 31 bbls today. Total recovered fluid is 52 bbls with7 bbls of oil in the tank. SDFN. Note: Packer is still set. We have not removed fluid from the casing/tubing annulus.

5/26/04

SITP - 185 psi. Open well and begin swabbing. Recovered 7 bbls in 4 runs. Made 2 additional runs recovering 1.5 bbls each with a 90% oil cut. RD swabbing equipment. RU for tubing. Open bypass and equalize casing and tubing. TOH and lay down packer. RU Blue Jet. Perforate from 8472' - 8476' with 2 jspf. RD Blue Jet. Secure well, SDFN.

5/27/04

SICP - 0 psi. Open well. Set it catwalk and pipe racks. Unload and tally 57 jts of 4 1/2", 11.6 ppf, N80 casing. RU casing crew. MU 7" packer and cross over. TIH with 57 joints. Secure well and SDFN. 2nd load of casing will be delivered 5/28/04 a.m.

5/28/04

Open well. RU casing R&S casing crew. Finish TIH with 4 1/2" casing. Tag 4 1/2" liner top with 154 jts in. Lay down 1 joint. Set packer at 6199'. RU frac flange and tree. RD casing crew. Secure well, SDFN.

5/29/04

RU Cameron frac valve. W.O. Schlumberger frac crew. RU Schlumberger. Frac Cubero perforations as follows: 500 gals 15% NE HCL, 73,434 lbs 20/40 Super L sand in 65 Q N2 foam. Average pressure 4900 psi at 30 bpm. ISIP - 4200 psi. RD Schlumberger and Cameron. RU for 24 hr flow back. Open well for flow back. Initial FTP was 3200 psi and immediatel increased to 3500 psi on 1/8" choke at 6:00 p.m.

5/30/04

24 hr flow back. Well flowing N2 foam. At 7:30 a.m. FTP was 1300 psi on 1/8" choke. At 3:00 p.m. changed choke to 1/4". Had 520 psi FTP.

5/31/04

24 hr flow back. Well flowing N2 foam. At 8:00 a.m. FTP was 200 psi on 1/8" choke. Noted some gas in flow back. At 3:00 p.m. changed to 1/2" choke. FTP was 130 psi. Well died at 6:00 p.m. and was shut in. Total load recovered - 250 bbls, some sand, and N2.

6/01/04

SITP - 480 psi. Open well on 1/4" choke. FTP was 30 psi at 3:00 p.m. Open wellthrough 2" line. Well flowed oil and gas. Kill 4 1/2" casing with 30 bbls 3% KCL. RD frac flange and frac valve equipment. Release packer and equalize well. RU to lay down 4 1/2" frac string. SDFN.

6/02/04

SITP - 200 psi, SICP - 0. Blow well down. RU casing crew. TOH and lay down 153 joints of 4 1/2" frac string and packer. RD casing crew. RU for 2 3/8" tubing. TIH with notched collar and tubing to 6100'. Secure well, SDFN.

6/03/04

SITP and SICP - 0 psi. TIH and tag sand fill at 8310'. Break circulation. Clean out to PBTD at 8500' using 3% KCL water for circulating fluid. Noted significant amount of oil in returns. Circulate well bore clean. TOH. TIH with 3 1/8" dc's then TOH lay dc's down. PU 4 1/2" packer, 1 joint of 2 3/8" tubing, and SN, and TIH on tubing. Set packer at 8402', SN at 8371'. RU to swab. Secure well, SDFN.

6/04/04

SITP - 0 psi. Open well and swab. Made 9 runs recovering 57 bbls. Had slight show on last run. Well started flowing. In the 1rst hr the well made 18 bbls, 80% oil and 20% water. 2nd hr, 17 bbls, 10% oil and 90% water. 3rd hr, 17 bbls, 10% oil and 90% water. All water appears to be load water (3% KCL water). Secure well. SDFN for weekend.

6/07/04

SITP - 1120 psi. Open well on 1/8" choke. Well flowed gas. After 1 hour, FTP was 740 psi. Change choke to 1/4". Well flowed 18 bbls in the 1rst hour, 23 bbls in the 2nd hr, 18 bbls the 3rd hour, then died. RU and swab. Swabbed 15 bbls. RU to flow back overnight on 1/4" choke. Well died at 2:00 a.m. Recovered 17 bbls oil and 67 bbls of water today. Water is 3% KCL water, no formation water was detected.

6/08/04

RU and swab well to SN in 6 runs. Recovered 10 bbls oil, 15 bbls water, and some gas. Shut in well for 2 hours. SITP - 340 psi. Blow well down. Swab 6 runs at a rate of 1 run per hour. Recovered an average of 3 bbls per run. Total daily recovery was 28 bbls of oil and 15 bbls of water. Water is 3% KCL water. Secure well, SDFN.

6/09/04

SITP - 600 psi. Blow well down through 1/2" choke. RU and swab well in. Tagged fluid at 4200' on first run. Well flowed gas. Swab to SN on each run. Made a total of 8 runs. Total recovery was 7 bbls water and 1 bbl oil. Secure well and SDFN.

6/10/04

Crew attended Safety Meeting in Farmington, then traveled back to Ojito. SITP - 580 psi. Open well on 1/2" choke. RU to swab. Start in hole with well flowing. Flowed 4 bbls. Swab well, made 5 runs recovering 9 bbls, of which 3 bbls was oil. RD swab. RU to pull tubing. Open bypass on packer and equlaize well. TOH 20 stands. RU air equipment including flow tee and blooie line. Finish TOH and lay down packer. The tubing which was standing back on wooden sills, on the operator's side of the rig, sank into a washed out mouse hole that had previously been covered. The tubing slid down and most of it rested against the mast. One stand fell across the blooie line. The rig itself was stable. TIH with tubing. 14 stands remain. Will finish tomorrow.

6/11/04

SITP and SIPC - slight vacuum. Finish moving tubing to opposite side of derrick. MU notched collar and SN. TIH with 63 stands of tubing. Unload well with air at 800 psi. While unloading, the blooie line had too much movement for safety with the large casing volumes of air. Will set anchors for blooie line over weekend. Filled in washed out mouse hole with pea gravel and set matting board. SDFN.

6/14/04

SITP - 40 psi, SICP - 100 psi. Re-install blooie line and secure to 4 new anchors. Blow well down. TOH 70 stands. Unload well with air at 4000' (400 psi). TIH with 20 stands to 5103. Unload well with air (600 psi). TIH with 20 stands to 6370' and unload well with air (880 psi). Blow well around, recovered oil and water at 14.3 bbl/hr. TIH with 10 stands to 7000' and unload well with air (500 psi). TIH to 8302' and unload well with air (725 psi). Circulate well with air. Well making oil, gas, and water at 4.4 bbls per hour. Approximately 20% oil. Secure well, SDFN.

6/15/04

SITP 220 psi. SICP 60 psi. Blow well down. RU air unload well @ 800 psi. TIH tag fill 2' from PBTD. Circulate oil, gas and water out. LD 1 jt. RU to swab. Release air pkg. Swab from 8462' 4 runs, 4 bbls recoverd. Secure well. SDFN.

6/16/04

SITP 3 psi. SICP 105 psi. RU swabbing equipment. Make 12 runs total recovery, 26 bbls. 10 bbls oil, 16 bbls water. Secure well. SDFN.

6/17/04

SITP 100 psi. SICP 185 psi. Blow tbg down. RU and swab 4 runs, 7 bbls recovered. Appox. 3bbls oil, 3 bbls water. Blow csg down, TOH 15 jts. Land tbg @ 7994'. ND BOPE, blooie line, unit and equipment. Clean & jet rig pit. Secure well. Move off location. SDFN.

6/28/04

MIRU DJS 111. SITP 520, SICP 480. SDFN. Travel in.

6/29/04

Travel to location. SITP 510 psi. SICP 500 psi. Blow well down. NU BOPE. TOH, SLM. 255 jts 2 3/8" tbg. MU 4 1/2" RBP, 2stds and 7" pkr. TIH to 6270'. Set RBP pooh set pkr @ 6100'. Try to test, no test, pull up 10' reset pkr. Try to test again. Would not tet in compression with 2 3/8" tbg due to weight down on pkr. TOH PKR OK. Will run 7" tension pkr and test in the am.

6/30/04

Travel to location. MU 7" pkr, TIH set pkr @ 6150'. Load tbg test liner top to 1200 psi. @ surface. Equalize tbg and csg, release pkr TOH LD PKR and inspect same. MU retrieving head. TIH catch RBP release plug, TOH. RU Blue Jet. RIH w/ composite plug. Set plug @ 8050'. POOH. MU guns perforate with 4 runs and 71 shots as follows: 7956' - 7948', 7944' - 7936', 7864' - 7858', 7839', 7828', 7820' - 7818', 7816' - 7813', 7810' - 7808', 7806' - 7804', 7798' - 7794', 7770' - 7766', 7759' - 7754', 7746' - 7742', 7734', 7719' - 7714', and 7712' - 7710' (1 jspf). RD wireline. Secure well head. SDFN.

7/01/04

Travel to location. Open well, MU 4 1/2" test pkr, TIH to 7976'. Set pkr, test plug to 1000 psi @ surface. Test good. TOH LD pkr. MU 10 stds, treating pkr, TIH tbg @ 7976' set pkr @ 7350'. Open bypass spot acid across perforations. Wait 15 min. Start acid job pump 1500 gals. of 15% NEFE, acid. Rate @ 3.5 bbls per min, 3300psi. ISIP 1750psi. 5 min 1600psi. Shut in 1 hr, 1350 psi. Open well immediate bleed off. Equalize tbg and csg, release pkr TOH, LD 4 1/2" pkr. RU for csg crew in am. Secure wellhead. SDFN.

7/02/04

Travel to location. SICP 30 psi. RU csg crew. MU 7"pkr and sub. SLM and TIH w/ 4 1/2" frac string to 6204'. Set pkr. RD csg crew. RU frac flange, tee, and equipment. SDFN. Travel in.

7/05/04

Travel to location. SITP 185 psi. RU Schlumberger, hold safety meeting. Pressure tested lines to 7000 psi. Started 65Q N2 pad at 45.5 bpm and 5800 psi. Pumped 25000 gal pad. Started 1 lb sand, pressure went up to 6500 psi, at 2.5 bpm. Shut down. ISIP - 5390 psi. Zone is too tight to take frac. Rig down Schlumberger. RU to flow back overnight. Initial flowing pressure was 5490 psi on 1/4' choke. Flow back overnight.

7/06/04

Travel to location. Flowing press. 42 psi on 1/4" choke, open well. RD frac flange, equalize well. LD flange . RU to LD 4 1/2" frac string w/ csg crew. LD 153 jts 4 1/2", sub and pkr. RD csg crew. RU to run 2 3/8" tbg. MU notched collar and TIH w/ tbg tag fill @ 7678'. TOH 10 stds. Secure well. SDFN. Transfer water to clean out sand in the am.

7/07/04

SITP - 450 psi, SICP - 185 psi. Blow well down. TIH and tag fill at 7678'. Break circulation. Clean out sand. Had good oil returns while circulating. Clean out to 7970'. Circulated approximately 25 bbls oil out of well bore. TOH to perforate tomorrow a.m. Secure well, SDFN.

7/08/04

Attend safety meeting. Travel to location. SICP - 500 psi. Blow well down. RU Blue Jet, RIH and tag @ 7911'. Pull up and set composite plug @ 7570'. RU and perforate as follows: 7458-7462, 7437, 7414-7418, 7405, 7372-7376, 7366, 7357, 7350-7354, 7344-7346, 7334, 7320-7324, 7296, 7274, 7276, 7278, 7280, 7282, 7284, 7254, 7256, 7258, 7249, 7235, 7199, 7201, 7185, 7167, 7169, 7158, 7153, 7142, 7139, 7128-7132, 7102-7112, 7114, 7116, 7118, 7085, 7063-7068, 7070, 7072, 7073, 7031, 7034, 7036, 7038, 7040 and 7019, with 1 jspf. RD wireline. MU RBP and pkr. TIH w/ 2 3/8' tbg to 6150'. Secure well. SDFN.

7/12/04

Travel to location . Open well, on slight vaccum. Finish TIH and set RBP @ 7475'. Pull up to 7309' and spot 100 gals 15% NEFE acid with inhibitor. Set pkr. Acidize perfs between tools. Broke down formation at 2200 psi and 2.6 bpm. Dropped bio balls while pumping acid at 3.6 bpm. Shut down for bio balls to disolve. TIH and catch RBP. Pull up to 7312'. Set RBP. Pull up and set packer at 7121'. Spot acid to end of tubing. Set packer and acidize perfs between tools at 4.5 bpm and 2200 psi. Shut down for bio balls to disolve. TIH catch RBP. Pull up to 7123' and set RBP. Pull up to 6996' and set packer. Spot acid to end of tubing. Acidize perforations between tools at 4.1 bpm and 1850 psi. Pumped a total of 33 bbls of acid. RD Schlumberger. Catch RBP and TOH with packer and RBP with 58 stands. Secure well and SDFN.

7/13/04

Travel to location. Open well, on vacuum. Finish TOH. LD RBP and PKR. MU test pkr and TIH. Set pkr @ 6996'. RU and swab 11 runs. Recovered 55 bbls. Slight oil show on last run. Shut well in for test - 80psi after 15 min. SDFN.

7/14/04

Travel to location. SITP - 940 psi. Blow well down. RU abd swab well. Made 1 run per hour for a total of 6 runs, recovering 28 bbls. 15% oil cut in returns. RD swab. RU for tubing. TOH with 68 stands. Secure well, SDFN.

7/15/04

Travel to location. SITP - 5 psi. SICP - 10 psi. Open well. Finish TOH. LD test pkr. RD from tbg. RU for 4 1/2" frac string. RU csg crew. MU 7" frac pkr. TIH with 153 jts. Set pkr @ 6404.15. RU frac flange and equipment. Secure well SDFN.

7/16/04

Travel to location. Standby for frac crew. RU Schlumberger, wait on frac crew to fix chemical problems. Frac'd 3rd stage (Gallup) with 27,492 gals 2% KCL water, 1342 scf N2, and 78,620 lbs 20/40 Super L sand in a 65 Q foam (743.2 bbls slurry). Job was designed for 140,000 lbs of sand. Screened out approximately half way through job, on 3 ppg sand concentration, pressuring up to 6600 psi. ISIP - 6200 psi. RU to flow back. After 20 min, pressure was 2800 psi on 1/8" choke. Well died at 5:00 a.m. No fluid to surface, N2 only. RD flowback crew and Secure well.

7/19/04

Travel to location. SITP - 40psi. Blow well down. RU slickline. RIH tag fill @ 4950'. Cannot release pkr, because of u-tubing around pkr. Standby for coil tbg unit to arrive 7/19/04 am. Clean location. Secure well. Travel in.

7/20/04

Standby for coil tbg unit to arrive 9 am 7/21/04. Wash and clean rig & equipment.

7/21/04

Travel to location. SITP - 0psi. RU Sanjel coil tbg unit. RIH tag fill @ 4950", break circulation. Clean out to 6205' top of pkr. Could not sting in thruogh pkr. Pump 2bbl sweeps. 35 bbls recovered, nitrogen, gas, sand and gel. Circulate well bore clean. POOH RD coil tbg unit. Secure well. SDFN. Will RU coil tbg unit in the am, tag fill and circulate to TOH w/ frac string and pkr.

7/22/04

Travel to location. SITP 150 psi. Blow well down. RU coil tbg unit, RIH no new fill. Break circulation pump 1 sweep, dry up frac string, POOH. RD Sanjel coil tbg unit. Spot floats to LD 4 /1/2" frac sting and pkr. Load backside with 100 bbls 3% kcl. RU casing crew, release pkr, TOH LD 153 jts 4 1/2" csg. RD casing crew. X-over for 2 3/8" tbg. MU new 3 7/8" bit, bit sub and TIH with 30 stds for kill string. Secure well. SDFN. Travel in.

7/23/04

Travel to location. Open well. Finish TIH, tag fill @ 6245'. Wash down 1 std, sand packed too tight to wash down deeper. RU pswivel, clean out to 6643'. Circulate wellbore clean. RD pswivel. TOH 10 stds into 7" csg. Secure well. Travel in.

7/26/04

Travel to location. SITP, SICP 0 psi. TIH tag fill @ 6643'. Break circulation. Clean out to 7090'. Circulate wellbore clean. RD pswivel. TOH 60 stds to PU 3 1/8" drill collars due to tightly packed sand. Secure well. SDFN Travel in.

7/27/04

Travel to location. No pressure. Finish TOH, bit had loose cones due to very hard sand. Caliper & tally six 3 1/8" drill collars. MU new 3 7/8" bit, bit sub, collars, x/o for 2 3/8" tbg. TIH tag @ same depth. Break circulation & drill hard packed sand to 7145', wash and drill to composite plug set @ 7570'. Circulate wellbore clean. RD pswivel. TOH 99 stds. Leave 30 stds for kill string. Secure well. SDFN. Travel in.

7/28/04

Travel to location. Open well. Finish TOH. Install flow tee and blooie line. Stage in hole and unload water in six stages to 6796'. No oil or gas shows @ this time. Secure well. SDFN. Travel in.

7/29/04

Travel to location. SICP - 300psi. Blow well down. Unload well with air. Approx. 10bbls oil on top of water @ surface mixed with gas. After circulating with air for 3 hrs., 10 bbls per hr returns, 3-4 bbls oil, 7bbls water with gas. Circulate until water slowed to 5 bbls per hr. Pump 5 bbl sweep. Shut down air, flow natural 15 min. gas to surface. Secure well. SDFN Travel in.

7/30/04

Travel to location. SICP - 230 psi. Blow well down. TIH with12 stands, no fill. Unload well with air, initial return was approx 80 total bbls with 20 being oil and 60 water. Dry up well with air. TOH 25 stds into 7" liner. Secure well. SDFN. Travel in.

8/02/04

Travel to location. SICP - 350psi. Blow well down. TIH to 7550', unload well. Approx. 150 bbls return, with 75 bbls oil, 75 bbls water. RU power swivel. Drill composite plug @ 7570', good returns of gas and oil. Pump sweep to clean up well. TIH tag fill @ 7959' clean out and drill composite plug @ 8050'. Pump 5 bbl sweep. Circulate well clean. TOH 38 stds to 5800' in 7 " liner. Secure well SDFN. Travel in.

8/03/04

Travel to location. SICP - 265 psi. Blow well down. TIH to 8080', unload well w/ air. Approx. 70 bbls return 60% oil, 40% water. TIH tag PBTD. No fill @ 8500'. Circulate well with air, pump sweep, some sand. Pull up 60 ' wait 1.5 hrs. Unload well aporox 40 bbls return 30 bbls oil, 10 bbls water. Circulate well clean. Skim reserve pit of oil approx 120 bbls oil with water truck. Will continue skimming in AM. TOH to 6125' in 7" liner. Secure well. SDFN. Travel in.

8/04/04

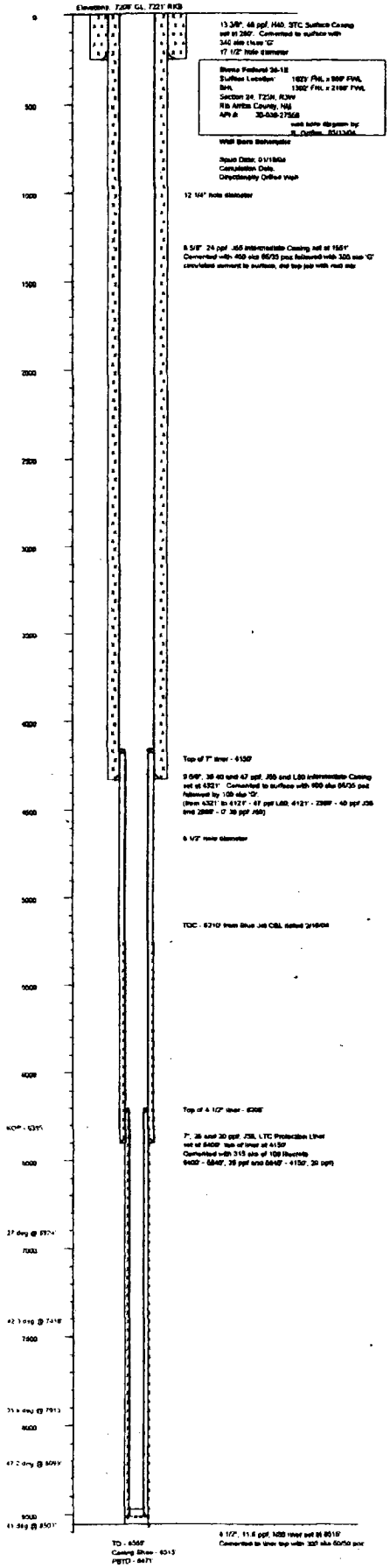
Travel to location. SICP - 240 psi. Blow well down. TIH to PBTD, no fill. Unload well w/ air, approx 60 bbls returned, 60% oil, 40% water. Well making approx 4bbls oil, 3bbls water and some gas per hour, while circulating with air. Pump sweeps, sand is no longer present. Circulate well clean. TOH w/ all tbg. Lay down dc's. Secure well. SDFN. Travel in. Note will land tbg and release well to production foreman on Friday 8/6/04.

8/05/04

Travel to location. SICP - 200psi. Blow well down. MU notched collar 1 jt. 2 3/8" tbg, and SN. TIH to PBTD, no fill. Unload well w/ air only. Lay down 18 jts tbg. MU tbg hanger and land tbg @ 8007' from RKB. Total jts = 155. SN @ 7975.5'. NU wellhead, RD unit and all equipment. Secure well. Travel in.

8/06/04

Travel to location. SITP - 75psi, SICP - 265psi. Start steam cleaning rig pit and all oil covered equipment. Clean trash off location. At 14:30, before leaving location, SITP was 80psi and SICP was 320psi. Load out equipment and road rig to yard to finish cleaning. Note: final report for this work.


Elevations: 7409' GL, 7221' RKB
0
500
1000
1500
2000
2500
3000
3500
4000
4500
5000
5500
6000
6500
7000
7500
8000
8500
13 3/8", 48 ppf, H40, STC Surface Casing set at 280'. Cemented to surface with 340 sks class 'G' 17 1/2" hole diameter
Shona Featured 36-1E
Surface Location: 1627' FNL x 999' FWL
BHL: 1300' FNL x 2189' FWL
Section 24, T25N, R3W
Rio Arriba County, NM
API #: 30-039-27568
well bore diagram by: R. Dutton, 5/11/04
Well Bore Schematic
Spud Date: 01/18/04
Completion Date:
Dry/Steeply Drilled Hole
12 1/4" hole diameter
9 5/8", 24 ppf, J55 Intermediate Casing set at 1551' Cemented with 450 sks 65/35 poz followed with 300 sks 'G' circulated cement to surface, did top job with redi mix
Top of 7" liner - 4150'
9 5/8", 36 lb and 47 ppf, J55 and L80 Intermediate Casing set at 4321'. Cemented to surface with 1100 sks 65/35 poz followed by 100 sks 'G'.
(from 4321' to 4127' - 47 ppf L80; 4127' - 2389' - 40 ppf J55 and 2389' - 0' 36 ppf J55)
8 1/2" hole diameter
TOC - 6210' from Blue Jet CBL dated 2/16/04
Top of 4 1/2" liner - 6068'
7", 26 and 20 ppf, J55, LTC Protection Liner set at 6409' top of liner at 4150' Cemented with 315 sks of 100 Rucmix 6409' - 5849', 26 ppf and 5849' - 4150', 20 ppf)
27 deg @ 6924'
42.3 deg @ 7418'
35.4 deg @ 7913'
47.2 deg @ 8099'
41.9deg @ 8501'
6 1/2", 11.6 ppf, N80 liner set at 8519' Cemented to liner top with 300 sks 50/50 poz
TD - 8566'
Casing Shoe - 8513'
PBTD - 8471'

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Other
b. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Reservr,.
Other

5. Lease Serial No.: NM 105189
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.: Byrne Federal 24-1R

3. Address: 1009 Ridgeway Place, Suite 200 Farmington, NM 87401
3a. Phone No. (include area code): (505) 326-3753
9. API Well No.: 30-039-27556

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface 1623' FNL x 956' FWL
At top prod. interval reported below 1905' FNL x 2092' FWL
At total depth 1902' FNL x 2160' FWL
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

14. Date Spudded: 1/19/04
15. Date T.D. Reached: 2/29/04
16. Date Completed ☐ D&A ☒ Ready to Prod. 8/06/04
17. Elevations (DF, RKB, RT, GL)*: 7206' GL

18. 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 Desnsity/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 Sks. & 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 / 26. Perforation Record

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 100	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
1/2"		400	→	216	80	216		Flow Testing

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
			→					

Choke	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status
			→					

ACCEPTED FOR RECORD
AUG 18 2004
8/18/2004

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

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 Press. Flwg. SI	Csg. Press.	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 Press. Flwg. SI	Csg Press.	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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	TOP Meas. Depth
Ojo Alamo	3254'	3354'	Water	Huerfanito 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 (1 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. Griffee Title Operations Manager

Signature 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.

*U.S. GPO: 1999-573-624