

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 ☐ Gas ☐ Other

2. Name of Operator

D.J. Simmons Co.

3. Address and Telephone No.

3005 Northridge Dr. Suite L, Farmington NM 87401 (505) 326-3753

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

1650' FSL x 700' FWL, Section 3, T23N, R7W

RECEIVED

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

5. Lease Designation and Serial No.

NM 080273

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Hanson Federal 1

9. API Well No.

30-039-20048

10. Field and Pool, or Exploratory Area

Lybrook-Gallup

11. County or Parish, State

Rio Arriba County, New Mexico

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 Company intends to work over the above well as per the attached procedure.

RECEIVED
JUL 17 1998

OIL CON. DIV.
DIST. 3

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

Signed Robert R. Griffie
Robert R. Griffie

Title Consulting Engineer

Date: 7/8/98

(This space for Federal or State office use)

Approved by /s/ Duane W. Spencer

Title _____

Date _____

Conditions of approval, if any:

JUL 15 1998

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

MAACO

Hanson Federal No. 1

Workover Proposal

Workover Purpose:

To repair potential casing leaks and return well to production. Secondary purpose is to re-stimulate pay zone.

Procedure

1. Test existing anchors, or reinstall.
2. MIRU pulling unit with pump, pit, and swivel. NU BOPE. Well is already dead.
3. POOH with 2 3/8" tubing. Tubing may be stuck. Visually inspect tubing and SLM. Evaluate tubing condition and replace if necessary.
4. PU retrievable bridge plug. RIH and set bridge plug at 5300' +/- . Circulate hole clean and load with 2% KCL water, or produced water. Attempt to pressure test casing. POOH. If casing pressure tests, very unlikely, terminate procedure.
5. PU test packer. Isolate holes in casing.

Option 1

Current NMOCD and BLM regulations require that cement be placed in the 4 1/2 x 7 7/8" annulus, from the top of the existing cement to surface, prior to plugging this well. However, it is not currently required that cement be in place through this entire interval to produce the well. D.J. Simmons can opt to squeeze repair only the intervals where the casing has holes. We do not recommend this, because new holes are likely to occur. This procedure and cost estimate has been prepared to squeeze cement from the existing TOC to surface.

6. RU Wireline and run CBL to determine existing TOC.
7. Squeeze as necessary to bring cement to surface. (Details can not be prepared with existing data)
8. Clean out cement and bridgeplugs to PBTD. Run casing scraper.
9. Re-perforate Gallup formation, precise depths to be determined.
10. RIH with packer and 2 3/8" tubing. Set packer at 5330'.
11. Acidize with 500 gals 15% HCL with clay stabilizers and additives as recommended.
12. POOH with packer and tubing.
13. Install SN. Run 2 3/8" tubing and land at 5600'
14. Swab well in.
15. Install Plunger Lift system. Return well to production.
16. ND BOPE, NU wellhead. Release rig.

8.

On Site Technologies Ltd.
Operations Summary

Last update: 10/24/96 by R. Griffiee

Hanson Federal No. 1

Operations Summary
Well Data

D.J. Simmons Co. acquired well and began operating in September 1996. Prior Operator of record, Byron Oil Industries. Byron contracted Dugan production for pumping services.

Location: 1650 FSL x 700 FWL, Section 3, T23N, R7W, Rio Arriba County, NM
Date Spudded: 7/18/67
Date Completed: 8/9/67
Elevations: 7020' GL, 7032' KB
New Mexico Lease no. 080273
Lybrook-Gallup Field

Wellbore Geometry:

TD, 5735'. PBTD, 5695'
10 3/4" surface casing (12 3/4" hole) set at 236'. Cemented with 45 sacks
4 1/2" production casing (7 7/8" hole) set at 5735'. Cemented with 125 sacks
data from USGS Well Completion Report filed 8/14/67

Note: 12 3/4" is not a common bit diameter. It was probably 12 1/4".
Using a 12 1/4" diameter, calculations show cement was probably
circulated to surface on surface casing. For production string,
maximum top of cement is 5087'.

2 3/8" tubing initially set at 5663'

Formation Tops:

2000'	Pictured Cliffs
2077'	Lewis Shale
4508'	Point Lookout
4499'	Mancos
5356'	Skelly sand top
5406'	base Skelly sand
5492'	Marya sand top
5503'	base Marya sand
5522'	lower Marya zone

Logs: Welex Induction dated 7/29/67. 5719 to 213'

Completion:

perforations: 5379' - 5614'. 20 holes. 0.57" hole diameter. Two holes each at 5379, 5390, 5401, 5466, 5500, 5502, 5513, 5540, 5567, and one hole each at 5530 and 5614'

frac'd with 80,000 lbs sand and 100,000 gals water.

Treatment detail: Break down pressure 2100 psi. 10,000 lbs 20/40 at 1/2 to 1.0 ppg, 60,000 lbs 10/20 at ¾ - 1.0 ppg, 10,000 lbs 8/12 sand at ½ to 1 ppg. Max rate 46 bpm at 2600 psi. Average treating pressure 2765 psi at 43.5 bpm.

initial production rate: 168 bopd, 110 MCFD, 40 bwpd, FTP 250 psi, FCP 800 psi, 44 deg oil.

Workover

Performed by Walsh Engineering. Began on 10/12/81. Worked tubing free (initially stuck in sand). Found plunger stuck in seating nipple. Reran tubing. Placed well back on production with Plunger Lift.

Notes

no records of plunger lift installation or other workovers have been located.

Present Wellbore Condition

Well is currently logged off, probably due to casing leaks.