

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

MAY 2002
021 100

SUBMIT IN TRIPLICATE

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 (505) 326-3753

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

950' FNL & 1775' FWL NE NW, Sec 8, T24N, R4W

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" 113

9. API Well No.

30-039-22162

10. Field and Pool, or Exploratory Area

W Lindrith Gallup Dakota

11. County or Parish, State

Rio Arriba, NM.

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.)*

This well is to be plugged and abandoned as per the attached procedure and according to any surface remediation requirements of the BLM, BIA and Jicarilla Apache Tribe.

See attached Pages

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

Signed

John R. Brown

Title

OPERATIONS MANAGER

Date

9/29/02

(This space for Federal or State office use)

Approved by

Patricia M. Lester

Title

Lands and Mineral Resources

Date

5-3-02

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

BLM CONDITIONS OF APPROVAL

The following surface rehabilitation Conditions of Approval must be complied with as applicable, before this well can be approved for final abandonment (see 43 CFR 3162.3-4). Surface rehabilitation work shall be completed within one year of the actual plugging date. Notification for completion of this work should be submitted with a Sundry Notice. Questions? Call Pat Hester at (505) 761-8786.

1. All fences, production equipment, purchaser's equipment, concrete slabs, deadman (anchors), flowlines, risers, debris and trash must be removed from the location. Non-retrieved flowlines and pipelines will be abandoned in accordance with State Rule 714. Information supporting the non-retrieval will be included in the subsequent report or final abandonment Sundry Notice.

2. Production pits will be closed according to the Unlined Surface Impoundment Closure Guidelines, as approved in the Environmental Assessment of December 1993. Any oil stained soils can be remediated on-site according to these guidelines or disposed of in an approved facility.

3. The well pad will be shaped to the natural terrain and left as rough as possible. All compacted areas and areas devoid of vegetation shall be ripped/disked to a minimum of 12" in depth before reseeded.

4. Access roads will be shaped to conform to the natural terrain and left as rough as possible to deter vehicle travel. Access will be ripped to a minimum of 12" in depth, water barred and reseeded. All erosion problems created by the development must be corrected prior to acceptance of release. Water bars should be spaced as shown below along the fall line of the slope:

% Slope	Spacing Interval
Less than 20%	200'
2 to 5 %	150'
6 to 9 %	100'
10 to 15 %	50'
Greater than 15%	30'

5. All disturbed areas will be seeded with the prescribed certified seed mix (reseeding may be required). Seed mix must be certified weed free to avoid the introduction of noxious weeds. Refer to the original APD for seed mix.

6. Notify Surface Managing Agency seven (7) days prior to seeding so that they may be present to witness.

7. The period of liability under the bond of record will not be terminated until the well is inspected and the surface rehabilitation approved.

Other Surface Managing Agencies (SMA's) may vary slightly in their restoration requirements. It is your responsibility, as the operator, to obtain surface restoration requirements from other SMA's. We need to be provided with a copy of these requirements. Any problems concerning stipulations received from other SMA's should be brought to us. On private land, a letter from the fee owner stating that the surface restoration is satisfactory will be provided to the office. Questions? Call Pat Hester at (505) 761-8786.

CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENTOperator D. J SimmonsWell Name Jic 111 # 113
API 30-033-22162

1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Notify Bryce Hammond, Jicarilla Oil and Gas Inspector at (505) 759-3485 extention 31 prior to beginning plugging procedures.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made :

None

Isolate the Nacimiento Formation (1200') inside and outside
Of the casing.Isolate the Ojo Alamo Formation (2180') inside and outside of
the casing.

Line any pit used in the plugging procedure

D.J. Simmons, Inc.

Jicarilla H #113
P&A Procedure

WELL DATA

5 1/2", 17 ppf, casing from TD to 5947', 5 1/2", 15.50 ppf casing from 5947' to surface.
7 7/8" hole diameter.

5 1/2" casing x 7 7/8" hole annular capacity = .1733 cf/lf

5 1/2" 15.50 ppf capacity = .1336 cf/lf

5 1/2" 17 ppf capacity = .1305 cf/lf

PROCEDURE

1. Clean out shale to 6334', 100' below the bottom Gallup perforation (verbally approved by Charlie Perrin, NMOCD 2/26/02). Top of fill at 6100'.

2. Set wireline set CIBP at 6284' +/- Spot 6 sks cement for 50 ft cap on BP

3. Set wireline set cement retainer at 5900'.

4. TIH with stinger and tbg, sting into retainer.

5. Squeeze under retainer with:

6334' - 5900' = 434'

434' x .1305 cf/lf = 56.64 cf

assume 1.18 cf/sk - Ask American Energy about yield of cement and change number of sacks if necessary.

56.64 cf / 1.18 cf/sk = 48 sks, make it 50 sks

squeeze 50 sks into Gallup perforations, and leave 50 sks inside casing. Dump 10 sks on top of cement retainer. Total of 110 sks.

6. Sting out of retainer and get out of hole! DO NOT REVERSE OUT.

7. Perforate 2 squeeze holes at 5190' and 2 squeeze holes at 4300'.

8. TIH with test packer and set at 4400'. Establish circulation or injection rate down tbg through squeeze holes at 5190'. Do not pump more than 10 to 20 bbls.

9. TOH with packer.

10. Set wireline set cement retainer at 4400'.

11. TIH with stinger and tbg and sting into retainer..

12. Squeeze under retainer with:

D.J. Simmons, Inc.

5190 - 4300 = 890'

890' x .1733 cf/lf x 1.5 = 231.36 cf 50% Excess on open hole volume

231.36 cf / 1.18 cf/sk = 196.07 sks

890' x .1336 cf/lf = 118.90 cf

118.90 cf / 1.18 cf/sk = 100.76 sks

13. Sting out of retainer and dump 10 sks of cement on top. Total of 310 sks.

14. Perforate 2 squeeze hole at 2340'.

15. Attempt to establish circulation down casing through squeeze holes and parted casing, up annulus, through braden head valve.

16. Squeeze with:

2440' x .1733 cf/lf x 1.5 = 634.28 cf 50% Excess on open hole volume

634.28 cf / 1.18 cf/sk = 537.52 sks

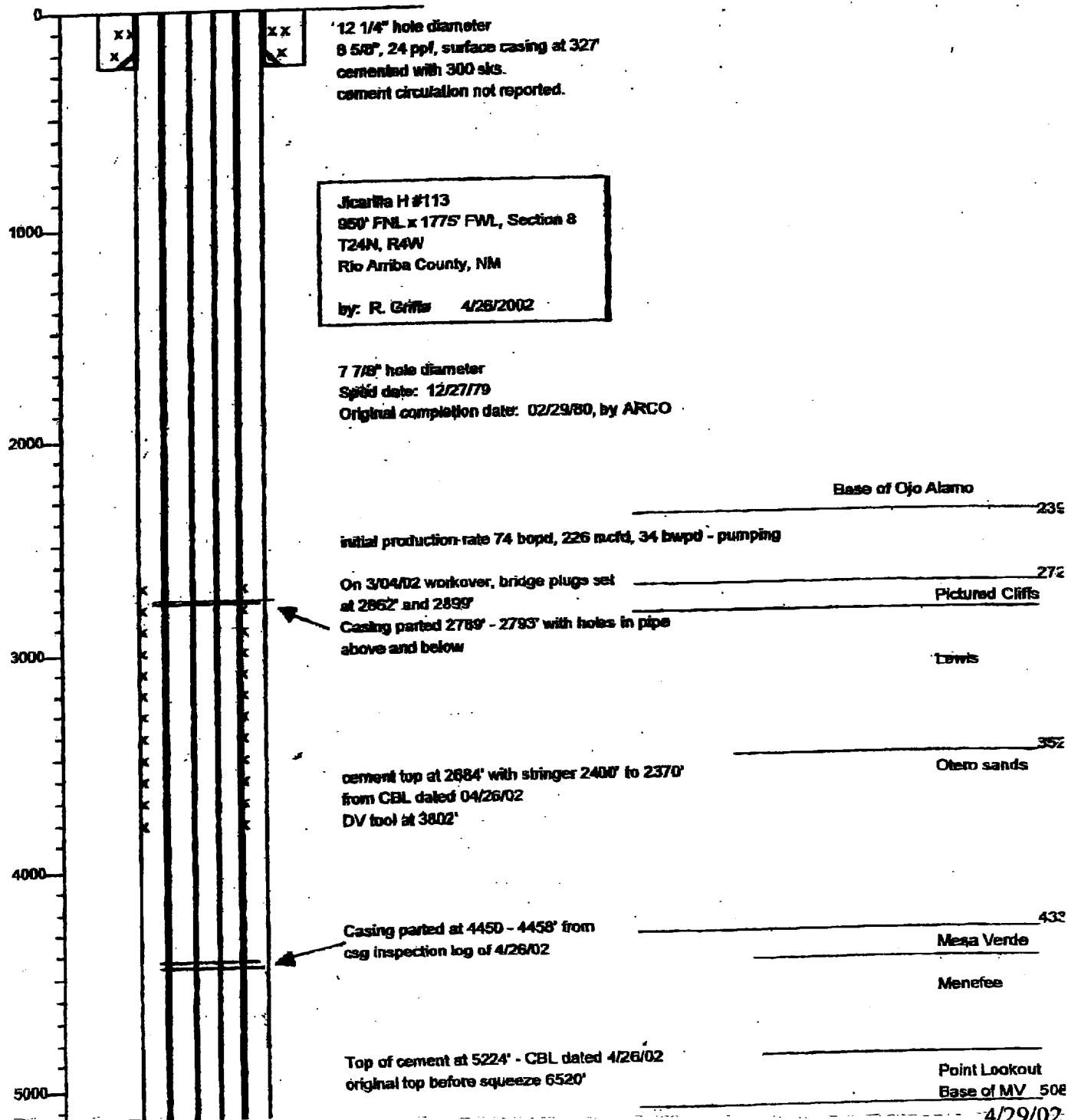
2440' x .1336 cf/lf = 329.98 cf

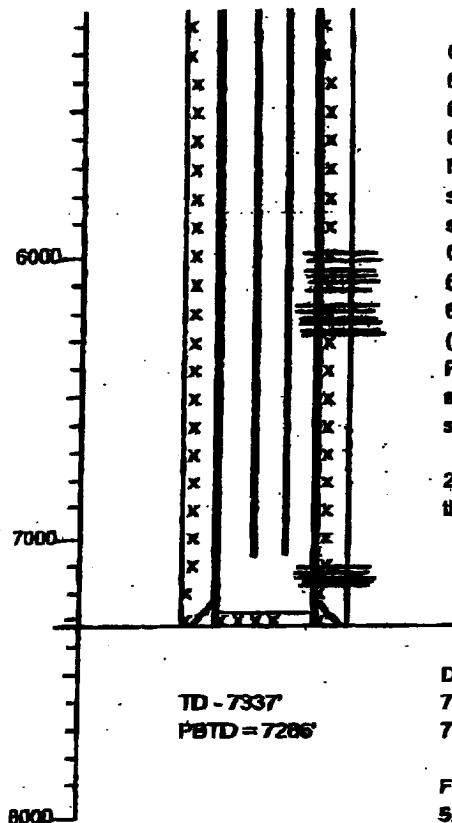
329.98 cf / 1.18 cf/sk = 279.64 sks

If cement is observed at the braden head, close valve and pressure squeeze with an additional 50 sks.

R. Griffie

04/26/02





Manco
Gallup Stage 2 Perforations: 6022', 6023', 6024', 6025', 6035', 6038', 6039', 6040', 6041', 6042', 6043', 6059', 6060', 6061', 6067', 6068', 6069', 6070', 6071', 6080', 6081', 6082', 6083', 6084', 6085', 6086', 6087', 6089', 6090', 6091', 6092', 6093', 6094', 6095', 6096', 6097', 6098', 6099', 6100', 6101', 6102', 6108', 6109', 6110', 6111', 6112', 6116', 6119', 6120', 6121', 6122', 6123', 6124' (55 holes)

Frac'd with 127,600 gals 1% KCL slick water 50,000 lbs 100 mesh, and 246,000 lbs 20/40 sand
 squeeze holes @ 6000' (4 holes)
 squeezed with 125 sks

Gallup Stage 1 Perforations: 6179', 6180', 6181', 6183', 6185', 6187', 6188', 6189', 6191', 6192', 6195', 6196', 6200', 6201', 6202', 6204', 6205', 6206', 6208', 6209', 6210', 6212', 6214', 6216', 6217', 6218', 6220', 6221', 6222', 6224', 6225', 6227', 6228', 6230', 6232', 6233', 6234' (38 holes)

Frac'd with 67,000 gals 1% KCL slick water and 123,000 lbs 20/40 sand
 squeeze holes 6280' (4 holes)
 squeezed with 250 sks

2 3/8" tubing set at 7111'

tbg anchor catcher, mud anchor, perf nipple, SN, 227 jts tbg

Base of Gallup

665

Greenhorn

Graneros 695

Dakota 697

725

Burno Canyon

Morrison

Dakota Perforations: 7116', 7118', 7120', 7122', 7130', 7131', 7132', 7133', 7134', 7143', 7144', 7145', 7146', 7147', 7156', 7157', 7158', 7160', 7161', 7162', 7164', 7165', 7166', 7168', 7169', 7170', 7172', 7173', 7174', 7176', 7177', 7178', 7180', 7181', 7182' (35 holes).

Frac'd with 97,000 gals 1% KCL slick water and 90,000 lbs 20/40 sand
 5 1/2", 15.50 and 17 ppf, J55, production casing
 set at 7335' (bottom 1390', 32 jts of casing is 17 ppf).
 Cemented with a total of 675 sks in two stages

4-29-02; 3:42PM;DJ SIMMONS/TWINSTARS

Form 3160-5
(June 1990)

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