

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

5. Lease Serial No.
JIC111

6. If Indian, Allottee or Tribe Name
JICARILLA APACHE

7. If Unit or CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
JICARILLA H 109

9. API Well No.
30-039-22112-00-S1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
D J SIMMONS INC
Contact: RODNEY SEALE
E-Mail: rseale@djsimmons.com

3a. Address
FARMINGTON, NM 87499

3b. Phone No. (include area code)
Ph: 505-326-3753

10. Field and Pool or Exploratory Area
WEST LINDRITH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 5 T24N R4W NENW 750FNL 2100FWL

11. County or Parish, State
RIO ARRIBA COUNTY, NM

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

| TYPE OF SUBMISSION | TYPE OF ACTION | | | |
|--|---|--|--|---|
| <input checked="" type="checkbox"/> Notice of Intent | <input type="checkbox"/> Acidize | <input type="checkbox"/> Deepen | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Alter Casing | <input type="checkbox"/> Hydraulic Fracturing | <input type="checkbox"/> Reclamation | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Final Abandonment Notice | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> New Construction | <input type="checkbox"/> Recomplete | <input type="checkbox"/> Other |
| | <input type="checkbox"/> Change Plans | <input checked="" type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon | |
| | <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back | <input type="checkbox"/> Water Disposal | |

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

DJ Simmons, Inc. requests approval of intent to plug and abandon Jicarilla H #109. A well sketch of the current status, a well sketch of the proposed plugged configuration and the step by step plugging procedure are attached. Our intent is to complete the work upon approval of all agencies.

OIL CONS. DIV DIST. 3
JAN 11 2017

Notify NMOCD 24 hrs
prior to beginning
operations

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

Electronic Submission #357240 verified by the BLM Well Information System
For D J SIMMONS INC, sent to the Rio Puerco
Committed to AFMSS for processing by ABDELGADIR ELMADANI on 12/06/2016 (17AE0005SE)

| | |
|-----------------------------------|-----------------|
| Name (Printed/Typed) RODNEY SEALE | Title AGENT |
| Signature (Electronic Submission) | Date 11/07/2016 |

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

| | | |
|---|--------------------------|-------------------|
| Approved By ABDELGADIR ELMADANI | Title PETROLEUM ENGINEER | Date 12/06/2016 |
| Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon. | | Office Rio Puerco |

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.

(Instructions on page 2)

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

NMOCD-AV

Jicarilla H #109

Plug to Abandon Procedure:

- 1) Back drag and clean location for crew & rig safety. Find anchors and have them tested and certified.
- 2) Move in well service unit and rig up with associated plugging equipment.
- 3) Bleed pressure off well. Nipple down wellhead and nipple up BOP.
- 4) Trip out of hole with 2 3/8" tbg landed at 6208'.
- 5) Trip in with 4 3/4" bit and casing scraper for 5 1/2" 17# casing through perforations to bottom shot at 7312'.
- 6) Trip out of hole.
- 7) Trip in hole with tubing to set cement retainer at 7050'+/-.
- 8) Test tubing to check integrity.
- 9) Load hole if possible. Perforations above retainer.
- 10) **Dakota Perfs 7094-7312 Plug #1:** Circulate cement to end of tubing and sting into retainer, inject 37 sx (43 cuft) 15.6 ppg at 1.18cuft/sx cement below retainer filling casing to bottom perf and injecting 7sx into formation, sting out of retainer and spot 5 sx (6 cuft) cement at 15.6 ppg 1.18 cuft/sx on top to 7006'+/-. Total 42sx plug of 306' from 7312' to 7006'
- 11) Trip out laying down tubing and standing back to land at 6150'+/-.
- 12) Trip in hole with tubing to set cement retainer at 6150'+/-.
- 13) Load hole and test casing to 500psi. Don't expect a successful test.
- 14) **Gallup Perfs 6195-6421 Plug #2:** Circulate cement to end of tubing and sting into retainer, inject 38 sx (44 cuft) 15.6 ppg at 1.18cuft/sx cement below retainer filling casing to bottom perf and injecting 7sx into formation, sting out of retainer and spot 5 sx (6 cuft) cement at 15.6 ppg 1.18 cuft/sx on top to 6106'+/-. Total 43sx plug of 315' from 6421' to 6106'
- 15) Trip out of hole.
- 16) Run CBL to locate cement top on 1st and 2nd stages of the primary cement job.
- 17) **1st stage cement top Plug #3:** With end of tubing at 52895+150'+/-, spot balanced cement plug from 52895+150'+/- to 4900'+/- for a 389250' plug using 4428 sx (5233 cuft) 15.6 ppg at 1.18cuft/sx cement. Adjust tubing depth as necessary to put cement 100' below annular cement top from CBL and 150' above cement top.
- 17A) Trip out of hole laying down excess tubing beyond 4566'+/-.
- 17B) **BLM add Plug #3A:** With end of tubing at 4566'+/-, spot balanced cement plug from 4566'+/- to 4466'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 18) Trip out of hole laying down excess tubing beyond 4000'+/-.

Jicarilla H #109

Plug to Abandon Procedure:

- 19) **Stage Tool Plug #4:** With end of tubing at 4000'+/-, spot balanced cement plug from 4000'+/- to ~~36763750~~ 324250' +/- for a 324250' plug using 3728 sx (4333 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 19A Trip out of hole laying down tubing to land at 2930'+/-.
- 19B **BLM add Plug #4A:** With end of tubing at 2930'+/-, spot balanced cement plug from 2930'+/- to 2830'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 19C Trip out of hole laying down tubing to land at 2760'+/-.
- 19D **BLM add Plug #4B:** With end of tubing at 2760'+/-, spot balanced cement plug from 2760'+/- to 2660'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 19E Trip out of hole laying down tubing to land at 2602'+/-.
- 19F **BLM add Plug #4C:** With end of tubing at 2602'+/-, spot balanced cement plug from 2602'+/- to 2316'+/- for a 286' plug using 32 sx (38 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 20) Trip out of hole laying down tubing to land at 2270'+/-.
- 21) **2nd stage cement top Plug #5:** With end of tubing at 2270'+/-, spot balanced cement plug from 2270'+/- to 2020'+/- for a 250' plug using 28 sx (33 cuft) 15.6 ppg at 1.18cuft/sx cement. Adjust tubing depth as necessary to put cement 100' below annular cement top from CBL and 150' above cement top.
- 21A Trip out of hole laying down tubing to land at 1116'+/-.
- 21B **BLM add Plug #5A:** With end of tubing at 1116'+/-, spot balanced cement plug from 1116'+/- to 1016'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.
- 22) Trip out of hole laying down tubing.
- 23) Perforate squeeze holes at 300'.
- 24) **Surface Plug #6:** Squeeze through perforations at 300' with 90sx (106 cuft) cement from surface and circulating through 5 1/2"x 8 5/8" annulus leaving 5 1/2" casing full of cement and cement circulated to surface through perforations and 5 1/2"x 8 5/8" annulus.
- 25) Cut off casing, top off all annuli and bell hole with cement and install marker as indicated in stipulations.
- 26) Remove equipment and remediate location as indicated in lease agreements, conditions of approval and stipulations.



Jicarilla H #109

Elevation: 6774' GR

Location: Surface: 750' FNL, 2100' FWL,
Sec 5, T24N, R4W, Rio Arriba
County, New Mexico

Current Status is shut in and configured
as sketched. RLS.

Field: Lindrith Gallup/Dakota

Zone: Gallup, Dakota

API #: 30-039-22112

Spud Date: January 9, 1980 2000 hours
Originally drilled by Arco Oil and Gas

8 5/8" 24# K-55 STC at 298' with 300 sx class 'B', surface

TOC: unknown, calculated at 2170'

Driving Directions:

From casino at intersection of NM 537 and US 550 south of Bloomfield, NM go north on NM 537 for 17.25 miles to J18 on left. Southwest on J18 for 3 miles. Take left fork to south for 6/10ths mile. Location on left.

Lat: 36.347082⁰, Long: -107.281619⁰

DV tool at 3988'

Formation Tops:

| | | | |
|-----------------|-------|--------------|-------|
| Pictured Cliffs | 2880' | Greenhorn | 7012' |
| Lewis | 2948' | Graneros | 7074' |
| Chacra | 3726' | Dakota | 7094' |
| Mesaverde | 4515' | Burro Canyon | 7338' |
| Upper Mancos | 5238' | Morrison | 7446' |
| Gallup | 6192' | | |

TOC: unknown, calculated at 5042'

3/6/2001: 2 3/8" EUE tbg at 6208'

Perf 6195', 99', 6205', 09', 11', 34', 38', 42', 46', 56', 58', 62', 66', 70', 74', 78', 82', 89', 93', 99', 6301', 05', 07' (3-8-80)

Perf 6363', 65', 67', 69', 71', 73', 75', 77', 79', 81', 83', 85', 87', 89', 91', 93', 95', 97', 99', 6401', 03', 05', 07', 09', 15', 17', 19', 21' (3-8-80)

Perf 7094'-99', 7100'-09' (3-6-80)

Perf 7242', 44', 46', 48', 50', 56'-59', 69'-72', 85'-87', 90'-92', 94'-96', 98'-99', 7300', 02'-04', 06'-08', 10'-12' (3-6-80)

PBTD: 7422'

5 1/2" 17# and 15.5# K-55 STC at 7466' with a DV tool at 3988' 1st stage with 400 sx thixt, TOC: unknown.

2nd stage with 300 sx thixt, TOC: unknown

TD: 7469'



Jicarilla H #109

Elevation: 6774' GR

Location: Surface: 750' FNL, 2100' FWL,
Sec 5, T24N, R4W, Rio Arriba
County, New Mexico

Proposed sketch after adding BLM COA's.

API #: 30-039-22112

Surface Plug #6: Squeeze through perforations at 300' with 90sx (106 cuft) cement from surface and circulating through 5 1/2"x 8 5/8" annulus leaving 5 1/2" casing full of cement and cement circulated to surface through perforations and 5 1/2"x 8 5/8" annulus.

8 5/8" 24# K-55 STC at 298' with 300 sx class 'B', surface

Perforate squeeze holes at 300'.

BLM add Plug #5A: With end of tubing at 1116'+/-, spot balanced cement plug from 1116'+/- to 1016'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.

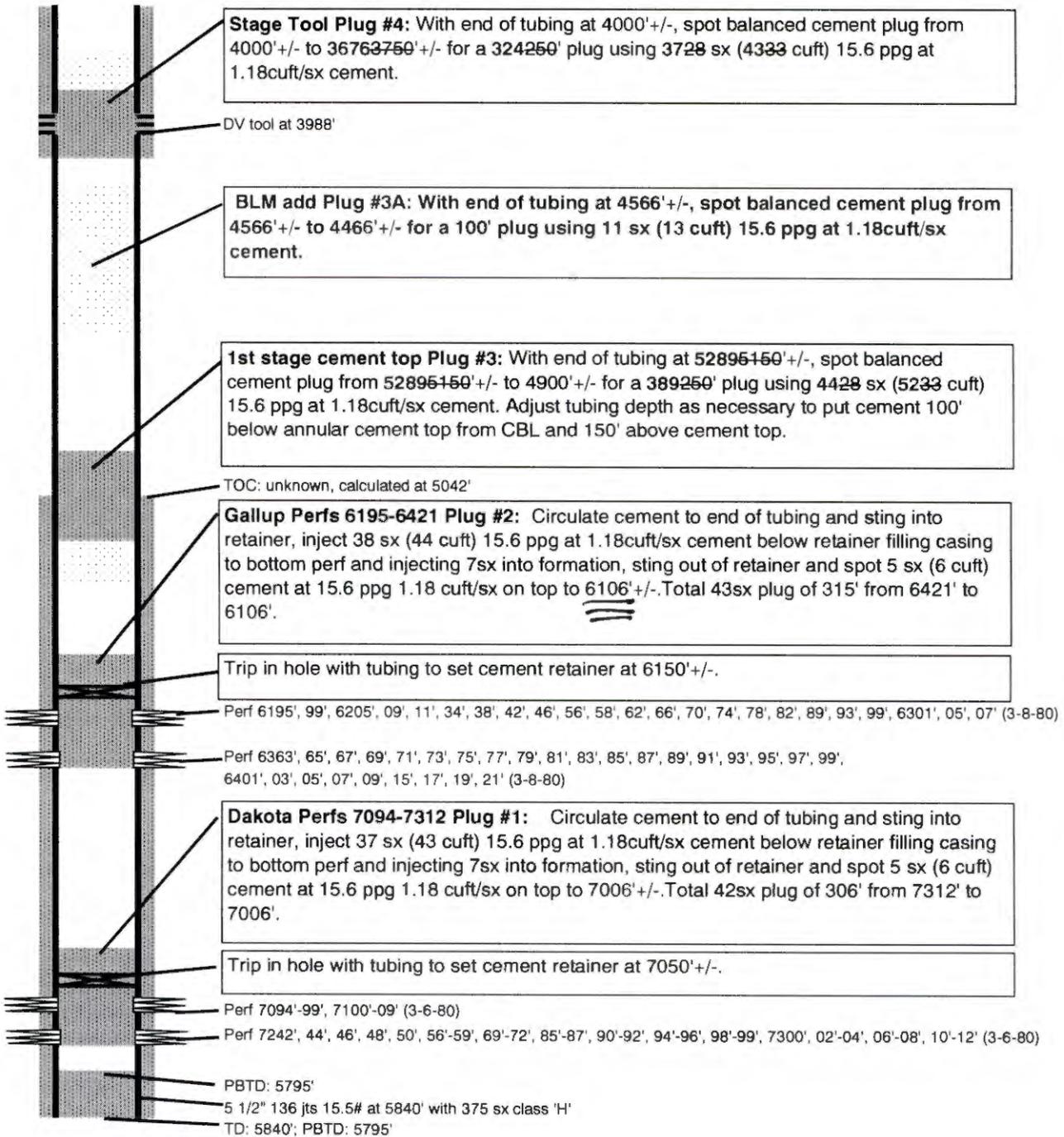
2nd stage cement top Plug #5: With end of tubing at 2270'+/-, spot balanced cement plug from 2270'+/- to 2020'+/- for a 250' plug using 28 sx (33 cuft) 15.6 ppg at 1.18cuft/sx cement. Adjust tubing depth as necessary to put cement 100' below annular cement top from CBL and 150' above cement top.

TOC: unknown, calculated at 2170'

BLM add Plug #4C: With end of tubing at 2602'+/-, spot balanced cement plug from 2602'+/- to 2316'+/- for a 286' plug using 32 sx (38 cuft) 15.6 ppg at 1.18cuft/sx cement.

BLM add Plug #4B: With end of tubing at 2760'+/-, spot balanced cement plug from 2760'+/- to 2660'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.

BLM add Plug #4A: With end of tubing at 2930'+/-, spot balanced cement plug from 2930'+/- to 2830'+/- for a 100' plug using 11 sx (13 cuft) 15.6 ppg at 1.18cuft/sx cement.



**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402**

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Jicarilla 92 #2B

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

3. The following modifications to your plugging program are to be made:

- a) Set Plug #3 (5289-4900) ft. to cover the Mancos shale tops. BLM picks top of Mancos at 5239 ft.
- b) Add Plug to cover Cliff house top set plug (4566-4466) ft. BLM picks top of Cliff House at 4516 ft.
- c) Set Plug #4 (4000-3676) ft. to cover the Chacra top. BLM picks top of Chacra at 3726 ft.
- d) Add Plug to cover Pictured Cliffs top set plug (2930-2830) ft. BLM picks top of Pictured Cliffs at 2880 ft.
- e) Add Plug to cover Fruitland top set plug (2760-2660) ft. BLM picks to of Fruitland at 2710 ft.
- f) Add plug to cover Kirtland and the entire Ojo Alamo fresh water aquifer set plug (2602-2316) ft. BLM picks top of Kirtland at 2552 ft and Ojo Alamo at 2366 ft.
- g) Add plug to cover Nacimiento top set plug (1116-1016) ft. BLM picks top of Nacimiento at 1066 ft.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.