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|-------------------------------|---|--|
| Well Name: JICARILLA APACHE B | Well Location: T24N / R5W / SEC 30 / NENE / 36.28783 / -107.39714 | County or Parish/State: RIO ARRIBA / NM |
| Well Number: 12 | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: JICARILLA APACHE |
| Lease Number: JIC11 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3003905327 | Well Status: Abandoned | Operator: DJR OPERATING LLC |

Subsequent Report

Sundry ID: 2671040

| | |
|---|--------------------------------------|
| Type of Submission: Subsequent Report | Type of Action: Plug and Abandonment |
| Date Sundry Submitted: 05/12/2022 | Time Sundry Submitted: 07:46 |
| Date Operation Actually Began: 05/04/2022 | |

Actual Procedure: The subject well was Plugged & Abandoned on 05/04/2022 per the attached End of Well Report, As Plugged Wellbore Diagram, and Marker.

SR Attachments

Actual Procedure

BLM_Submittal_Rev1_20220512074551.pdf

| | | |
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| Well Number: 12 | Type of Well: CONVENTIONAL GAS WELL | Allottee or Tribe Name: JICARILLA APACHE |
| Lease Number: JIC11 | Unit or CA Name: | Unit or CA Number: |
| US Well Number: 3003905327 | Well Status: Abandoned | Operator: DJR OPERATING LLC |

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

| | |
|--|----------------------------------|
| Operator Electronic Signature: SHAW-MARIE FORD | Signed on: MAY 12, 2022 07:45 AM |
| Name: DJR OPERATING LLC | |
| Title: Regulatory Specialist | |
| Street Address: 1 Road 3263 | |
| City: Aztec | State: NM |
| Phone: (505) 632-3476 | |
| Email address: sford@djrlc.com | |

Field

| | | |
|----------------------|--------|------|
| Representative Name: | | |
| Street Address: | | |
| City: | State: | Zip: |
| Phone: | | |
| Email address: | | |

BLM Point of Contact

| | |
|---------------------------------|---|
| BLM POC Name: KENNETH G RENNICK | BLM POC Title: Petroleum Engineer |
| BLM POC Phone: 5055647742 | BLM POC Email Address: krennick@blm.gov |
| Disposition: Accepted | Disposition Date: 05/12/2022 |
| Signature: Kenneth Rennick | |

**DJR Operating, LLC
P&A End of Well Report
Jicarilla Apache B 12
API # 30-039-05327
NE/NE, Unit A, Sec 30, T24N, R5W
Rio Arriba County, NM
Spud Date: 3-2-1963
Plug Date: 5-4-2022**

3-18-2021:

MIRU rig and equipment. Pull tubing.

Release rig.

4-25-2022:

MIRU rig and equipment. SITP = N/A, SICP = 340, BH = 0.

4-26-2022:

NDWH, NU BOP. TIH with 1.5" workstring, tag fill at 6621'.

P&A Plug 1: Pump blind Plug 1 of 26 sx over Dakota perms, WOC, tagged at 5600'.

PT casing, good test.

Run CBL log from 5600' to surface.

4-27-2022:

P&A Plug 2: Mix and pump Plug 2 to cover Gallup formation top with 8 sx from 5504' to 5316'.

4-28-2022:

P&A Plug 3: Mancos formation top. Perforate holes at 4618'. Establish rate at 1100 psi.

Approval to spot balanced plug due to high injection pressure. TIH to 4688', establish circulation, mix and spot balanced plug of 18 sx from 4688', pull up, squeeze 1 bbl cement into perms. Reverse out. WOC, tagged at 4432'.

4-29-2022:

P&A Plug 4: Mesa Verde: RIH, perforate holes at 3750'. Attempt to establish rate into Mesa Verde, could not. Approval to spot balanced plug.

TIH to 3817', spot balanced plug of 20 sx from 3817', pull up to 3325', reverse out. Attempt to squeeze cement into Mesa Verde perforations. Pressured up, WOC. Tagged Plug 4 at 3459'.

5-2-2022:

P&A Plug 5: Chacra formation top: Perforate holes at 3054'. Attempt to establish rate at 1300 psi, could not, approval to spot balanced plug. TIH to 3105', mix and pump balanced plug of 18 sx from 3105'. WOC, tagged at 2775'.

5-3-2022:

P&A Plug 6: Pictured Cliffs and Fruitland formation tops. TIH to 2431'. Mix and spot balanced plug of 19 sx from 2431' to 1980' pull up to 1980' reverse out.

P&A Plug 7: Kirtland and Ojo Alamo formation tops. Perforate holes at 1920'. Attempt to establish rate, could not, approval to spot balanced plug. TIH to 1980', mix and pump balanced plug of 22 sx from 1980', pull up to 1393' squeeze 0.8 bbl cement into perfs. WOC. Tagged at 1739'. Mix and place Plug 8 of 12 sx to top off Plug 7 from 1739' to 1456'.

5-4-2022:

P&A Plug 9: Nacimiento formation top. Perforate holes at 1055'. Establish rate at 750 psi, decision made to run cement retainer. RIH and set retainer at 1001'. Mix and pump 57 sx, (50 sx through CR and 7 sx above CR. Reverse out. WOC, tagged at 870'.

5-4-2022:

P&A Plug 10: Surface casing shoe to surface. Perforate holes at 270'. Mix and pump 110 sx down casing, good circulation and cement returns at surface.

Cut off WH, TOC in annulus at surface. TOC in 3 ½" casing at 13'.

Install P&A marker. Top of casing and cellar with 32 sx.

Release rig.

All cement used: Class G cement mixed at 15.8 ppg, yield 1.15

Regulatory Representative: Leo Pacheco, BLM and Monica Kuehling, NMOCD via phone.

GPS Coordinates: Lat; 36.28769N, Long; 107.39735W

**DJR Operating, LLC
P&A Marker
Jicarilla Apache B 12
API # 30-039-05327
NE/NE, Unit A, Sec 30, T24N, R5W
Rio Arriba County, NM
Spud Date: 3-2-1963
Plug Date: 5-4-2022**





United States Department of the Interior

BUREAU OF INDIAN AFFAIRS

Jicarilla Agency

P.O. Box 167

Dulce, New Mexico 87528

IN REPLY REFER TO:

Branch of Real Estate Services

November 15, 2019

Memorandum

To: Robert Switzer, Environmental Protection Specialist
Bureau of Land Management, Farmington Field Office

From: Kurt Sandoval, Realty Officer
Bureau of Indian Affairs, Jicarilla Agency

Subject: BIA Concurrence concerning Well Pad Monument Makers

Let this serve as concurrence for the agreed upon preferred method to be used when constructing well pad monument markers on Jicarilla Apache Tribal Lands. We will eliminate the 6 ft. dry hole marker and use a permanent metal plate that will be installed at ground level, effective September 2019. The marker will contain the following information:

- Well Pad Lease Number
- Well Pad Location Name and Number
- Well Pad Legal Description, specifically Section, Township and Range
- Well Pad API Number
- Well Pad Plug Date
- Well Pad Operator Name

You may contact our office if you have any questions or concerns at (575) 759-3936. Thank you.


Realty Officer

cc: Jicarilla Oil and Gas Administration

12" x 18" MINIMUM

**End of Well Report
DJR Operating, LLC
Jicarilla Apache B 12**

API # 30-039-05327
NE/NE, Unit A, Sec 30, T24N, R5W
Rio Arriba County, NM

GL 6615'
KB 6628'
Spud Date 3/2/1963

SURF CSG

Hole Size: 13.75"
Csg Size: 8.625"
Wt: 24#
Grade: J-55
ID: 8.097"
Depth: 221'
Csg Cap ft3: 0.3575
Csg/Csg Cap ft3: 0.3144
Csg/OH cap ft3: 0.0625
TOC Surf

FORMATION TOPS

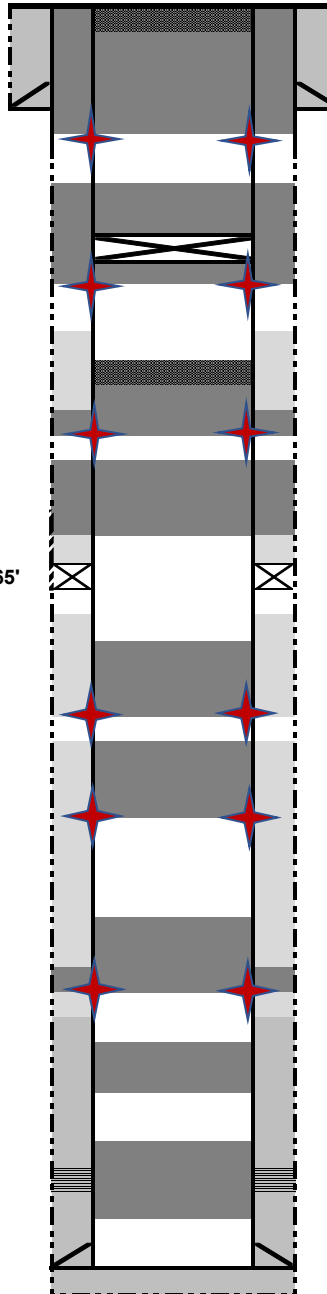
Nacimiento 1005'
Ojo Alamo 1662'
Kirtland 1911'
Fruitland 1984'
Pictured Cliffs 2190'
Lewis 2271'
Chacra 3004'
Mesa Verde 3700'
Mancos 4568'
Gallup 5445'
Dakota 6470'

PROD CSG

Hole Size: 7.875"
Csg Size: 3.5"
Wt: 9.2#
Grade: J-55
ID: 2.992"
Depth: 6721'
Csg Cap ft3: 0.0488
Csg/Csg Cap ft3: 0.2908
Csg/OH cap ft3: 0.2714
TOC Stg1: 5400'
TOC Stg2: 1985'

DV Tool 2365'

Dakota Perfs: 6472-6656'
PBTD: 6685'
TD: 6725'



5-5-2022: Cut off WH. Install P&A marker, TOCs at surf in annulus and 13' in 3 1/2" csg. Top off csg and cellar with 32 sx.

5-4-2022: Plug 10: Surface shoe to surface: Perf at 270'. Mix and pump 110 sx down casing, good cement returns at surface.

5-4-2022: Plug 9: Nacimiento: Perf at 1055'. CR set at 1001'. Pump 50 sx through CR, place 7 sx above CR. Pull up, reverse out. WOC, tagged at 870'.

5-3-2022: Plug 7: Kirtland, Ojo Alamo: Perf at 1920'. Attempt to est rate, could not, approval to pump inside plug. Mix and pump 22 sx from 1980'. Pull up to 1393' pump 0.8 bbl into perfs. WOC, tagged at 1739'. Mix and place Plug 8 of 12 sx to top off Plug 7 from 1739' to 1456'.

5-3-2022: Plug 6: Pictured Cliffs, Fruitland: Mix and pump balanced plug of 19 sx from 2431' to 1980'. Reverse out.

5-2-2022: Plug 5: Chacra: Perforate at 3054'. Attempt to est rate into perfs at 1300 psi, could not, approval to spot balanced plug of 18 sx from 3105'. WOC, tagged at 2775'.

4-29-2022: Plug 4: Mesaverde: Perforate at 3750'. Attempt to est rate into perfs, could not. Approval to spot balanced plug of 20 sx from 3817'. Pull up to 3325' unable to pump into perfs. WOC, tagged at 3459'.

4-28-2022: Plug 3: Mancos: Perf at 4618', Est injection at 1100 psi, approval to set balanced plug. Mix and spot 18 sx from 4688', squeeze 1 bbl into perfs. Pull up to 4266', reverse hole. Tagged at 4432'.

4-27-2022: Plug 2: Gallup: Mix and spot balanced plug of 8 sx from 5504' to 5316'.

4-27-2022: Run CBL from 5316' to surf.

4-26-2022: PT casing, good test.

4-26-2022: Plug 1: Dakota: Spot blind plug of 26 sx from 6618'. WOC. Tagged Plug 1 at 5600'.

4-26-2022: TIH with 1.5" workstring, tagged fill at 6621'.

All cement used was Class G mixed at 15.8 ppq and 1.15 ft³/sk.
Regulatory Representatives: Leo Pacheco, BLM and Monica Kuehling, NMOCD via phone
GPS Coordinates: 36.28769N, 107.39735W

**DJR Operating, LLC
P&A Marker
Jicarilla Apache B 12
API # 30-039-05327
NE/NE, Unit A, Sec 30, T24N, R5W
Rio Arriba County, NM
Spud Date: 3-2-1963
Plug Date: 5-4-2022**



District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 120226

CONDITIONS

| | |
|---|--|
| Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410 | OGRID: 371838 |
| | Action Number: 120226 |
| | Action Type: [C-103] Sub. Plugging (C-103P) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|---------------------|----------------|
| mkuehling | well plugged 5/4/22 | 12/16/2022 |