

Well Name: A P HIXON COM	Well Location: T25N / R11W / SEC 21 / NENE / 36.39146 / -108.0025	County or Parish/State: SAN JUAN / NM
Well Number: 1E	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G02091622	Unit or CA Name:	Unit or CA Number: NMNM108213
US Well Number: 3004526036	Well Status: Active	Operator: DJR OPERATING LLC

Notice of Intent

Sundry ID: 2659864

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/03/2022

Date proposed operation will begin: 03/03/2022

Type of Action: Plug and Abandonment

Time Sundry Submitted: 10:05

**Procedure Description:** DJR Operating, LLC requests permission to Plug & Abandon the subject well according to the attached Procedure, Current & Proposed Wellbore Diagram and Reclamation Plan.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- AP\_Hixon\_1E\_Rec\_Plan\_20220303100530.pdf
- AP\_Hixon\_Com\_1E\_PA\_Procedure\_20220303100528.pdf
- AP\_Hixon\_Com\_1E\_Current\_WBD\_20220303100528.pdf
- AP\_Hixon\_Com\_1E\_Proposed\_WBD\_20220303100528.pdf

<b>Well Name:</b> A P HIXON COM	<b>Well Location:</b> T25N / R11W / SEC 21 / NENE / 36.39146 / -108.0025	<b>County or Parish/State:</b> SAN JUAN / NM
<b>Well Number:</b> 1E	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b> EASTERN NAVAJO
<b>Lease Number:</b> NOG02091622	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM108213
<b>US Well Number:</b> 3004526036	<b>Well Status:</b> Active	<b>Operator:</b> DJR OPERATING LLC

Conditions of Approval

Specialist Review

General\_Requirement\_PxA\_20220317142936.pdf  
2659864\_NOIA\_1E\_3004526036\_KR\_03172022\_20220317142905.pdf  
25N11W21\_AP\_Hixcon\_Com\_1E\_KGR\_20220317142526.pdf

Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

<b>Operator Electronic Signature:</b> SHAW-MARIE FORD	<b>Signed on:</b> MAR 16, 2022 01:54 PM
<b>Name:</b> DJR OPERATING LLC	
<b>Title:</b> Regulatory Specialist	
<b>Street Address:</b> 1 Road 3263	
<b>City:</b> Aztec	<b>State:</b> NM
<b>Phone:</b> (505) 632-3476	
<b>Email address:</b> sford@djrlc.com	

Field Representative

<b>Representative Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

BLM Point of Contact

<b>BLM POC Name:</b> KENNETH G RENNICK	<b>BLM POC Title:</b> Petroleum Engineer
<b>BLM POC Phone:</b> 5055647742	<b>BLM POC Email Address:</b> krennick@blm.gov
<b>Disposition:</b> Approved	<b>Disposition Date:</b> 03/17/2022
<b>Signature:</b> Kenneth Rennick	

**Plug and Abandonment Procedure**  
**for**  
**DJR Operating, LLC**  
**AP Hixon Com 1E**  
**API # 30-045-26036**  
**NE/NE, Unit A, Sec. 21, T25N, R11W**  
**San Juan County, NM**

**I.**

1. Hold Pre job meeting, comply with all NMOCD, BLM and environmental regulations.
2. MIRU prep rig.
3. Check and record tubing, casing and bradenhead pressures.
4. Remove existing piping from casing valve, RU blow lines from casing valves and blow down casing pressure. Kill well as necessary. Ensure that well is dead or on a vacuum.
5. MIRU hot oil unit, pump hot water to clear rods and tubing of paraffin.
6. Trip out of hole with rods and pump. Lay down to be sent in for storage/salvage.
7. Unset TAC.
8. ND WH, NU BOP, function test BOP.
9. Trip out of hole with 2 3/8" tubing. LD tubing to be sent in for storage/salvage.
10. RDMO prep rig to next location.
11. MIRU P&A rig and equipment. PU workstring, TIH with bit and scraper, make sure that the bit and scraper will go below 1290'. Drop standing valve. Pressure test tubing to 1000 psi. Retrieve standing valve. TOOH.
12. Plug 1: Pictured Cliffs top, perforations, and Fruitland top: TIH to 1290'. Mix and pump sufficient volume to set balanced plug from 1290-838'. Pump water to ensure tubing is clear. PU and WOC. (Cement retainer not implemented, in order to cover top of Pictured Cliffs below Fruitland perforations).
13. TIH and tag TOC with tagging sub. Roll hole and pressure test casing to 600 psi. If casing does not test, notify engineering.

14. Plug 2: Kirtland, Ojo Alamo, and surface plugs: Mix and spot a balanced plug from 476' to surface. Top off 8-5/8"x5-1/2" annulus through 1" tubing, if necessary.
15. RD cementing equipment. Cut off wellhead, fill any exposed annulus with cement as necessary. Install P&A marker as per regulatory requirements. Record GPS coordinates for P&A marker and the Final P&A Report. Photograph the P&A marker and attach to the report.
16. RD and MO all rig and cement equipment. Ensure that location is free of trash and contamination before moving off.
17. Send all reports and attachments to DJR Aztec office for regulatory filings.

**Note: All cement is to be Class G mixed at 15.8 ppg, yield 1.15 cu ft / sx. Cement volumes are based on inside capacities + 50' excess and outside capacities + 100% excess.**

Current Wellbore Diagram  
DJR Operating, LLC  
AP Hixcon Com 1E  
API # 30-045-26036  
NE/NE, Unit A, Sec 21, T25N, R11W  
San Juan County, NM

GL 6452'  
KB 6465'  
Spud Date 8/6/1984

**SURF CSG**

Hole size 12.25"  
Csg Size: 8.625"  
Wt: 24#  
Grade: J-55  
ID: 8.097"  
Depth 371'  
Csq cap ft<sup>3</sup>: 0.3576  
TOC: Surface

**FORMATION TOPS**

Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	426'
Fruitland	888'
Pictured Cliffs	1240'
Chacra	1620'
Mesa Verde	2006'
Mancos	3890'
Gallup	4791'

**PROD CSG**

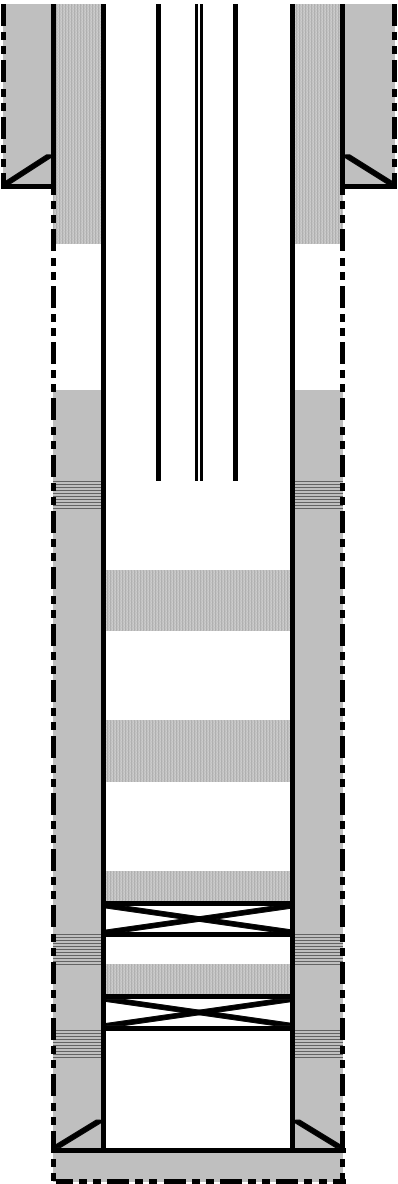
Hole size 7.875"  
Csg Size: 5.5"  
Wt: 15.5#  
Grade: K-55  
ID: 4.95"  
Depth 5964'  
Csq cap ft<sup>3</sup> 0.1336  
Csg/Csg Ann ft<sup>3</sup> 0.1926  
Csg/OH cap ft<sup>3</sup> 0.1732  
TOC: 837'/Surface

Perfs 1096-1235'

Perfs 4898-4932'

Perfs 5806-16'

PBTD 1455'  
TD 5965'



**Prod Tubing Detail:**

MA, SN, 38 jts. 2-3/8" tbg.

**Rod Detail**

2"x1-1/4"x9x10'x14' RHAC pump, stabilizer sub, K bars, 44x3/4" plain rods, 8'x4'x4' rod subs

Perf sqz holes at 480'.  
Circulated cmt to surface.

TOC 837' (CBL 12/14/18)

**Plugback Plug 4**  
1455-2056'

**Plugback Plug 3**  
3723-3953'

**Plugback Plug 2**  
TOC 4530'  
CR at 4867'  
**Plugback Plug 1**  
TOC 5454'  
CR at 5710'

**Proposed Wellbore Diagram****DJR Operating, LLC****AP Hixcon Com 1E****API # 30-045-26036****NE/NE, Unit A, Sec 21, T25N, R11W****San Juan County, NM**

GL 6452'  
 KB 6465'  
 Spud Date 8/6/1984

**SURF CSG**

Hole size 12.25"  
 Csg Size: 8.625"  
 Wt: 24#  
 Grade: J-55  
 ID: 8.097"  
 Depth 371'  
 Csg cap ft<sup>3</sup>: 0.3576  
 TOC: Surface

**FORMATION TOPS**

Nacimiento	Surface
Ojo Alamo	N/A
Kirtland	426'
Fruitland	888'
Pictured Cliffs	1240'
Chacra	1620'
Mesa Verde	2006'
Mancos	3890'
Gallup	4791'
TOC 837' (CBL 12/14/18)	

**PROD CSG**

Hole size 7.875"  
 Csg Size: 5.5"  
 Wt: 15.5#  
 Grade: K-55  
 ID: 4.95"  
 Depth 5964'  
 Csg cap ft<sup>3</sup> 0.1336  
 Csg/Csg Ann ft<sup>3</sup> 0.1926  
 Csg/OH cap ft<sup>3</sup> 0.1732  
 TOC: 837'/Surface

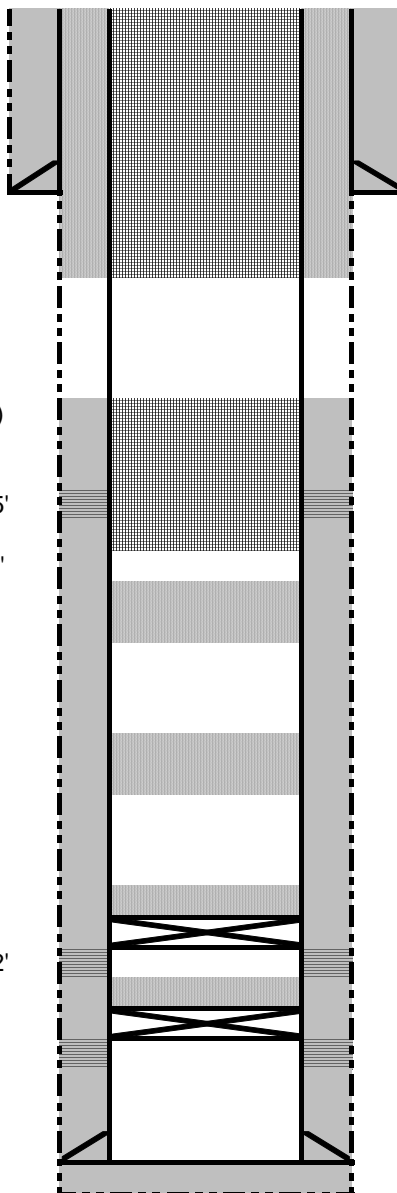
Perfs 1096-1235'

TOC 1455'

Perfs 4898-4932'

Perfs 5806-16'

PBTD 1455'  
 TD 5965'



**Plug 2: Kirtland, Ojo Alamo, and surface plugs: Mix and pump balanced plug from 476' to surface inside casing.**

**Plug 1: Pictured and Fruitland: Mix and pump balanced plug from 1290-838' .**

**Plugback Plug 4**  
 1455-2056'

**Plugback Plug 3**  
 3723-3953'

**Plugback Plug 2**  
 TOC 4530'  
 CR at 4867'  
**Plugback Plug 1**  
 TOC 5454'  
 CR at 5710'

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

AFMSS 2 Sundry ID 2659864

Attachment to notice of Intention to Abandon

Well: A P Hixon Com 1E

**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 at (505) 564-7750.

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.

K. Rennick 3/17/2022

**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

**4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**



5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), five copies, with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

(October 2012 Revision)

# BLM FLUID MINERALS P&A Geologic Report

**Date Completed:** 03/17/2022

Well No. A P Hixon Com 1E (API# 30-045-26036)		Location	790	FNL	&	790	FEL
Lease No. N0G02091622		Sec. 21	T25N			R11W	
Operator DJR Operating, LLC		County	San Juan		State	New Mexico	
Total Depth 5965'	PBTD 1455'	Formation Lower Gallup and Dakota, already plug backed. Perforations in the Fruitland, right above the Pictured Cliffs. No record of production from the Fruitland.					
Elevation (GL) 6452'		Elevation (KB) 6465'					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/freshwater sands
Nacimiento Fm					Possible freshwater sands
Ojo Alamo Ss					Aquifer (possible freshwater)
Kirtland Shale			426		
Fruitland Fm			888		Coal/Gas/Possible water
Pictured Cliffs Ss			1240		Gas
Lewis Shale					
Chacara					Gas
Cliff House Ss					Water/Possible gas
Menefee Fm					Coal/Ss/Water/Possible O&G
Point Lookout Ss					Probable water/Possible O&G
Mancos Shale					
Gallup					O&G/Water
Greenhorn					
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

Reference Well:

- Well already plug backed to 1455'.
- Lower Gallup and Dakota perforations already plug backed. Only current open perforations are 1096' to 1235', Fruitland. No record of production from this zone. Only production that NM OCD has is from the Lower Gallup and Dakota.

**Prepared by: Kenneth Rennick**

**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 91228

CONDITIONS

Operator: DJR OPERATING, LLC 1 Road 3263 Aztec, NM 87410	OGRID: 371838
	Action Number: 91228
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	3/21/2022
kpickford	Adhere to BLM approved COAs and plugs. See GEO report.	3/21/2022