

Well Name: LESLIE	Well Location: T26N / R12W / SEC 7 / SWNE / 36.505035 / -108.149139	County or Parish/State: SAN JUAN / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name: EASTERN NAVAJO
Lease Number: N0G96021301	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452939700S1	Well Status: Producing Gas Well	Operator: EPIC ENERGY LLC

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 03/29/2021

Time Sundry Submitted: 10:30

Date proposed operation will begin: 04/09/2021

Procedure Description: P&A Procedure please see attached procedure

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Leslie_001_Reclamation_Plan_20210329103015.pdf

Leslie_001_20210329102953.pdf

Conditions of Approval

Specialist Review

General_Requirement_P_A_20210330160532.pdf

Additional Reviews

26N12W07GKPc_Leslie_1_20210513112758.pdf

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SWNE / 36.505035 / -108.149139**County or Parish/State:** SAN
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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.

Operator Electronic Signature: VANESSA FIELDS**Signed on:** MAR 29, 2021 10:28 AM**Name:** EPIC ENERGY LLC**Title:** Regulatory Manager**Street Address:** 7415 EAST MAIN STREET**City:** FARMINGTON**State:** NM**Phone:** (505) 327-4892**Email address:** VANESSA@WALSHENG.NET

Field Representative

Representative Name: VANESSA FIELDS**Street Address:** 7415 EAST MAIN STREET**City:** FARMINGTON**State:** NM**Zip:** 87402**Phone:** (150)578-7910**Email address:** vanessa@walsheng.net

P&A Procedure**EPIC Energy – Leslie #1**

Blanco Pictured Cliffs

1780' FNL & 1765' FNL, Section 7, T26N, R12W

San Juan County, New Mexico, API #30-045-29397

Plug & Abandonment Procedure:

Note: All cement volumes use 100% excess outside casing and 50' excess inside pipe. Stabilizing wellbore fluid will be 8.33 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class G neat 1.15 ft³/sk or equivalent. If casing pressure tests tagging plugs will not be required.

Pertinent well data:

1. **Plug #1, 852' - 1118' (Pictured Cliffs Top: 1102' & Fruitland Top 952' Perfs: 1102' – 1118'):** RIH & set CICR at 1052'. Circulate hole clean w/ water. Pressure test tubing prior to pumping cement to 1000 psi. Mix and pump 6 sx (7.1 ft³) below retainer, sting out of retainer, leaving 16 sx (18.4 ft³) of Class G neat cement (or equivalent) cement on top of retainer (200'). PU 100' above TOC and reverse circulate tubing clean. Circulate WBV and test casing to 500 psi.
2. **Plug #2, Surface – 150' (Kirtland Top: 95',):** RIH & spot 12 sx (13.8 ft³) Class G neat cement in a balanced plug inside casing, bring cement back to surface. TOH & top off casing as necessary.
3. ND BOP and cut off wellhead below surface casing flange, top off casing and annulus as necessary. Install P&A marker and cut off and/or remove anchors. RD, MOL - Restore location per BLM stipulations as per the COA's.

Date Drawn: Feb 2021



Surf Csg @ 132' GL
7", 20#, K55
Cement w/ 75sx (89 cf)
Circulated 3 bbls of cmt to surf

Hole Size: 6-1/4"

Perforations: 1102' - 1118'
1102' - 1108' (2spf, 12 holes)
1111' - 1118' (2spf, 14 holes)

Stimulation:
Frac w/ 50K# of 20/40 sand 70% N2 Foam

4-1/2", 10.5#, J55 at 1212' GL
Cemented w/ 165cf Lead & 89cf Tail

Tubing Detail			
	Length	Top	Bottom
KB Adjustment		0	0.00
		0.00	0.00
		0.00	0.00
		0.00	0.00

Rod Detail -			
	Length	Top	Bottom

Date Drawn: Feb 2021



Hole Size: 6-1/4"

Perforations: 1102' - 1118'

4-1/2", 10.5#, J55 at 1212' GL
Cemented w/ 165cf Lead & 89cf Tail

Tubing Detail			
	Length	Top	Bottom
KB Adjustment		0	0.00
		0.00	0.00
		0.00	0.00
		0.00	0.00

Rod Detail -

	Length	Top	Bottom

Date:	History:		
Deviation		Geologic Markers	
MD	Inclination	MD	Formation
140'	0.25		
1220'	0.75		
		Surface	Ojo Alamo
		95'	Kirtland
		952'	Fruitland
		1102'	Pictured Cliffs

BLM FLUID MINERALS Geologic Report

Date Completed: 05/11/2021

Well No. Leslie #1 (API# 30-045-29397)			Location	1780	FNL	&	1765	FEL
Lease No. NO-G-9602-1301			Sec. 07	T26N			R12W	
Operator Epic Energy, LLC			County	San Juan		State	New Mexico	
Total Depth	1220'	PBTD 1196'	Formation Pictured Cliffs					
Elevation (GL) 5922'			Elevation (KB)					

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm					Fresh water sands
Ojo Alamo Ss			Surface	95	Aquifer (fresh water)
Kirtland Shale			95	952	
Fruitland Fm			952	1110	Coal/Gas/Possible water
Pictured Cliffs Ss			1110	PBTD	Gas
Lewis Shale					
Chacra					
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
Graneros Shale					
Dakota Ss					O&G/Water

Remarks:

P & A

- BLM geologist picks for the top of the Pictured Cliffs formation top varies from Operator pick, no change to P&A procedure required.
- Log analysis of reference well #3 indicates the Ojo Alamo sands investigated likely contain fresh water ($\leq 5,000$ ppm TDS). The P&A procedure adequately protects the freshwater sands in this well bore.
- Pictured Cliffs perforations @ 1102'-1118'.

Reference Well:

1) **Formation Tops**
Same

2) **Formation Tops**
Jerome P. McHuge & Assoc.
Quick Deal #1
1850' FNL, 1850' FEL
Sec. 7, T26N, R12W
GL 5922'

3) **Water Analysis**
Central Resources
Ka Ge Tah #1
1550' FNL, 1850' FWL
Sec. 10, T25N, R12W
GL 6225'

Prepared by: Chris Wenman

**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 H₂S.

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)

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

COMMENTS

Action 38764

COMMENTS

Operator: EPIC ENERGY, L.L.C. 332 Road 3100 Aztec, NM 87410	OGRID: 372834
	Action Number: 38764
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
kpickford	KP GEO Review //2/2021	8/2/2021

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CONDITIONS

Created By	Condition	Condition Date
kpickford	Adhere to BLM COAs	8/2/2021
kpickford	Notify NMOCD 24 Hours Prior to beginning operations	8/2/2021