

State of New Mexico
Energy, Minerals and Natural Resources Department

Michelle Lujan Grisham
Governor

Sarah Cottrell Propst
Cabinet Secretary

Todd E. Leahy, JD, PhD
Deputy Secretary

Adrienne Sandoval, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 1/2/2020

Well information:

30-045-25051 JULY JUBILEE COM #001

DUGAN PRODUCTION CORP

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Location Change

☐ Recomplete/DHC (For hydraulic fracturing operations review EPA Underground injection control Guidance #84; Submit Gas Capture Plan form prior to spudding or initiating recompletion operations)

☐ Other:

Conditions of Approval:

- Notify NMOCD 24hrs prior to beginning operations.

In addition to the BLM approved plugs:

- Extend the Fruitland plug 1395'-945'. OCD Fruitland pick @ 1345' Kirtland Pick @ 995'
- Add an Ojo Alamo plug 865'-765'. OCD Ojo Alamo pick @ 815'.

NMOCD Approved by Signature

4/30/2020
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM 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.
NMNM24661

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 27. If Unit or CA/Agreement, Name and/or No.
SCR1618. Well Name and No.
JULY JUBILEE COM 19. API Well No.
30-045-25051-00-C110. Field and Pool or Exploratory Area
BASIN DAKOTA11. County or Parish, State
SAN JUAN COUNTY, NM1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator
DUGAN PRODUCTION CORPORATION
Contact: ALIPH REENA
Email: aliph.reena@duganproduction.com3a. Address
PO BOX 420
FARMINGTON, NM 87499-04203b. Phone No. (include area code)
Ph: 505.325.1821

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

Sec 30 T24N R9W SWNE 1650FNL 1520FEL
36.287674 N Lat, 107.825897 W Lon**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 recomplete 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 recompletion 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.

Dugan Production Corp. plans to plug & abandon the well as per the following procedure:

- 1) Set CR @ 6098'. Dakota perforations @ 6148'-6158'. Spot Plug I w/17 sks (19.5 cu ft) Class G neat cement from 6098' to 5938' (5 gals/sk, 1.15 cu ft/sk, 15.6#/gal). Plug I, Dakota, inside 4-1/2" casing, 5938'-6098', Dakota top @ 6098'.
- 2) Set CR @ 4958'. Gallup perforations @ 5008'-5234'. Pressure test casing to 600 psi. Cement not circulated to surface during primary cement job. Run CBL from 4958' to surface. Change procedure depending on TOC behind casing.
- 3) Spot Plug II above retainer from 4958' to 4681' w/26 sks (30 cu ft) Class G cement (1.15 cu ft/sk). Plug II, Gallup, inside 4-1/2" casing, 4681'-4958'. Gallup top @ 4731'.
- 4) Spot Plug III inside 4-1/2" casing from 4113' to 4213' w/12 sks (14.2 cu ft) Class G cement. Plug III, Mancos, inside 4-1/2" casing: 4113'-4213', Mancos top @ 4163'.
- 5) Spot Plug IV inside 4-1/2" casing from 2362' to 1886' w/41 sks (47 cu ft) Class G cement. Plug

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

Electronic Submission #497361 verified by the BLM Well Information System

For DUGAN PRODUCTION CORPORATION, sent to the Farmington

Committed to AFMSS for processing by ALBERTA WETHINGTON on 01/03/2020 (20AMW0126SE)

Name (Printed/Typed) ALIPH REENA

Title AGENT, ENGINEERING SUPERVISOR

Signature (Electronic Submission)

Date 01/02/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JOE LILLINS

Title ENGINEER

Date 03/12/2020

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 Farmington

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 ****

AV

KP
BLM
Cover
Sheet

Additional data for EC transaction #497361 that would not fit on the form

32. Additional remarks, continued

- IV, Chacra-Mesaverde, inside 4-1/2" casing: 1886'-2362', Mesaverde top @ 2312', Chacra top @ 1936'.
6) Spot Plug V inside 4-1/2" casing from 1672' to 1572' w/12 sks (14.2 cu ft) Class G cement. Plug
V, Pictured Cliffs, inside 4-1/2" casing: 1572'-1672', PC top @ 1622'.
7) Spot Plug VI inside 4-1/2" casing from 998' to 1098' w/12 sks (14.2 cu ft) Class G cement. Plug
VI, Fruitland, inside 4-1/2" casing: 998'-1098', Fruitland top @ 1048'.
8) Spot inside Plug VII from 622' to surface w/53 sks (61 cu ft) Class G cement. Plug VII, Ojo
Alamo-Kirtland-surface, inside 4-1/2" casing: 0-622', Kirtland top @ 572', Ojo Alamo top @ 248'.
9) Cutwellhead. Tag TOC at surface. Fill cement in case needed.
10) Install dryhole marker. Clean location.

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: July Jubilee Com 1

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. Submit electronic copy of the CBL for verification to the following addresses: jkillins@blm.gov , jhoffman@blm.gov and Brandon.Powell@state.nm.us . Based on CBL results inside/outside plugs and volumes will be adjusted accordingly. Please review the General Requirements document to ensure volumes meet required excess inside and outside casing.
 - a. BLM tops are based on the attached geologic report. Plugs will be adjusted based on cement coverage indicated by the CBL. Do not proceed with any plugging operations beyond Gallup plug prior to reviewing CBL results with BLM and revising plug depths.
 - b. Based on review of formation tops picked by BLM for the Geologic report the following plugs will need to be adjusted:
 - i. Mesaverde (Cliffhouse)
 - ii. Picture Cliffs
 - iii. Fruitland
 - iv. Ojo Alamo

BLM FLUID MINERALS Geologic Report

Date Completed: 3/10/20

Well No.	July Jubilee # 1	Location	1620'	FNL	&	1520'	FEL
Lease No.	NMNM76162	Sec. 30	T24N				R9W
Operator	Dugan	County	San Juan	State		New Mexico	
Total Depth	6245'	PBTD 6180'	Formation	Bisti Lower Gallup/Dakota			
Elevation (GL) 6980'			Elevation (KB) 6992' (est.)				

Geologic Formations	Est. Top	Est. Bottom	Log Top	Log Bottom	Remarks
San Jose Fm					Surface/Fresh water sands
Nacimiento Fm			Surface	810'	Fresh water sands
Ojo Alamo Ss			810'	995'	Aquifer (fresh water)
Kirtland Shale			995'	1182'	
Fruitland Fm			1182'	1570'	Coal/Gas/Possible water
Pictured Cliffs Ss			1570'	1670'	Gas
Lewis Shale			1670'	1945'	
Chacra (upper)			1945'	2270'	Probable water or dry
La Ventana Tongue			2270'	2690'	Probable water or dry
Cliff House Ss (main)			2690'	2787'	Water/Possible gas
Menefee Fm			2787'	4010'	Coal/Ss/Water/Possible O&G
Point Lookout Ss			4010'	4163'	Probable water/Possible O&G
Mancos Shale			4163'	4731'	Source rock
Gallup			4731'	5988'	O&G/Water
Dakota			5988'		O&G/Water

Remarks:

P & A

- Please ensure that the tops of the Pictured Cliffs and Fruitland formations as well as the entire Ojo Alamo aquifer, identified in this report, are isolated by proper placement of cement plugs. This will protect the freshwater sands in this well bore.

Reference Well:

1)Dugan
Same

Fm. Tops

Prepared by: Walter Gage

**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.

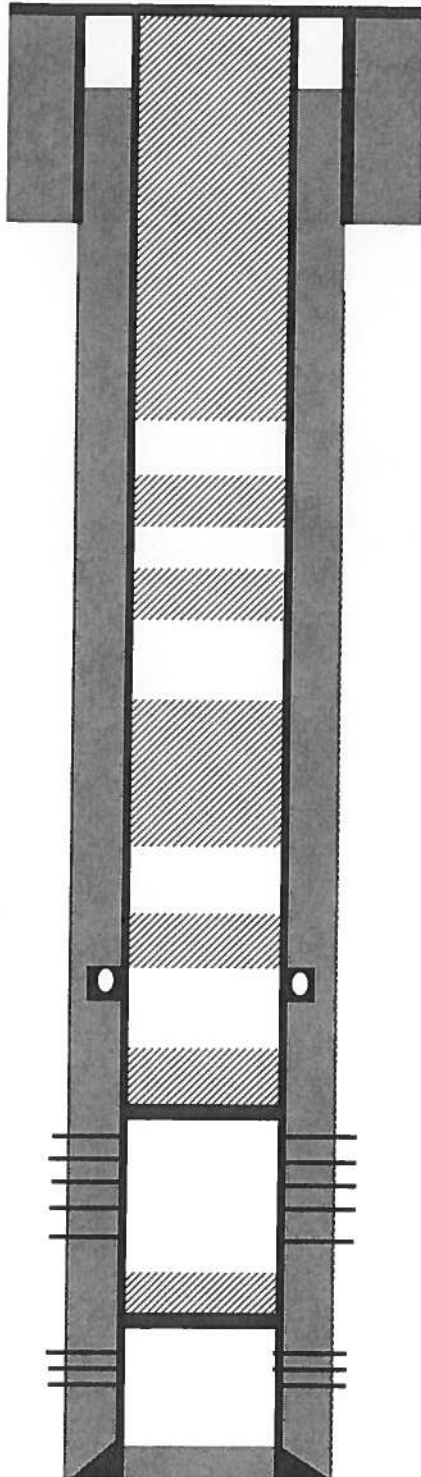
9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

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.

Planned P & A Schematic

July Jubilee # 1
API; 30-045-25051
Sec 30 T24N R9W
1650' FNL & 1520' FEL,
Dakota/Gallup
Lat; 36.28772 Long: -107.82649



8-5/8" J-55 24# casing @ 219'. Cemented with 135 sks, 155 cf
Class B w/ 2% CaCl₂. Cement circulated to surface.
Hole size: 12-1/4

Spot cement from 622' to surface w/ 53 sks Class G @ 0-622'
(61 cu.ft) inside casing [Plug VII: Ojo Alamo, Kirtland-Surface-622']

Spot inside plug w/12 sks Class G (14.2 cu.ft) @ 998'-1098'
[Plug VI: Fruitland, 998'-1098']

Spot inside plug w/12 sks Class G (14.2 cu.ft) @ 1572'-1672'
[Plug V: Pictured Cliffs, 1572'-1672']

Cemented Stage I w / 400 sks Class B (564 Cu.ft). DV tool @ 4222'. Stage II w / 400
sks 65-35-12 followed by 100 sks Class B w/ 4% gel (1203 cu.ft)

Spot inside plug w/ 41 sks Class G @ 1886'-2362' (47 cu.ft)
[Plug IV, Mesaverde-Chacra, 1886'-2362']

Inside plug w/ 12 sks Class G @ 4113'-4213' (14.2 cu.ft)
[Plug III, Mancos, 4113'-4213']

CR @ 4958'. Inside plug w/ 26 sks Class G @ 4681'-4958'
(30 cu.ft). [Plug II, Gallup, 4681'-4958']

Gallup Perforated @ 5008'-5234'.

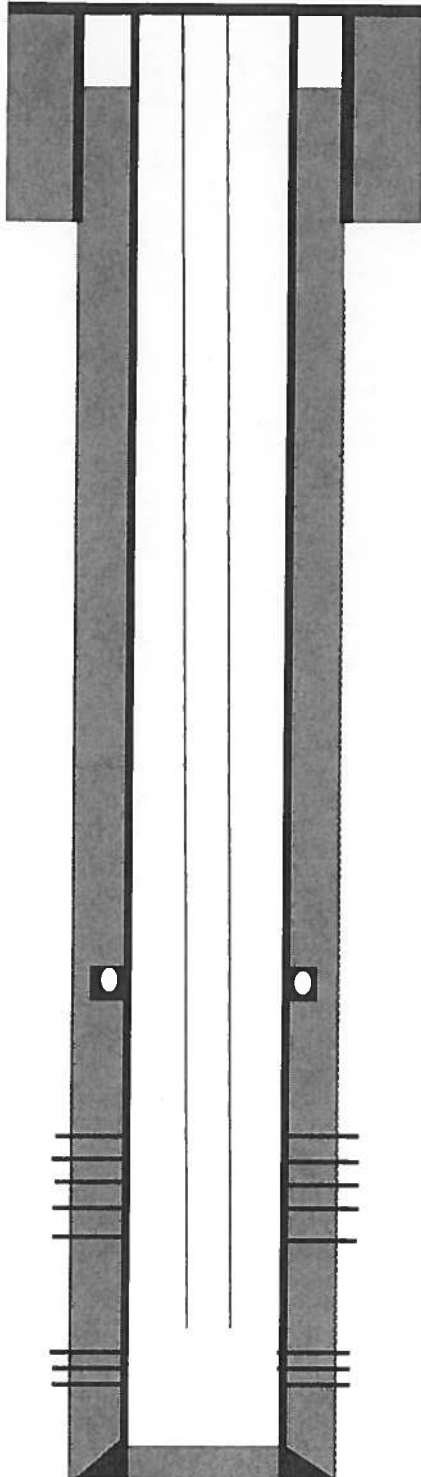
CR @ 6098'. Inside plug w/ 17 sks Class G @ 5938'-6098' (19.5
cu.ft)[Plug I, Dakota, 5938'-6098']

4 1/2" 10.5 # casing @ 6251'. PBTD @ 6180'.

Dakota Perforated @ 6148'-6158'.

Current Wellbore Schematic

July Jubilee # 1
API; 30-045-25051
Sec 30 T24N R9W
1650' FNL & 1520' FEL,
Dakota/Gallup
Lat; 36.28772 Long: -107.82649



8-5/8" J-55 24# casing @ 219'. Cemented with
135 sks, 155 cf Class B w/ 2% CaCl₂. Cement
circulated to surface.
Hole size: 12-1/4

Cemented Stage I w / 400 sks Class B (564 Cu.ft). DV tool @
4222'. Stage II w/ 400 sks 65-35-12 followed by 100 sks Class B
w/ 4% gel (1203 cu.ft)

4 1/2" 10.5 # casing @ 6251'. PBSD @ 6180'.

Gallup Perforated @ 5008'-5234'.

2-3/8" J-55 Tubing. EOT @ 6115'

Dakota Perforated @ 6148'-6158'.

P&A Reclamation Plan

PURPOSE AND SCOPE

The purpose of this Reclamation Plan is to ensure final reclamation of the July Jubilee #1 well pad site and associated access road based on the BLM/Operator on-site inspection conducted in accordance with Onshore Order #1 and the FFO Bare Soil Reclamation Procedures.

PROPOSED RECLAMATION PLAN

Operator will comply with the requirements in accordance with the approved Sundry Notice associated with this submittal.

- Contact BLM 48 hours prior to commencing earthwork.
- Reclamation to be completed within 1 year of plugging date.
- Remove all underground production piping.
- Remove all rig anchors on the location.
Strip available topsoil from areas that will be disturbed during the reclamation of this well site.
- Remove all gravel on well pad surface. Gravel may be used as fill material at the base of the cut slope to re-establish the natural topography.
- Use fill material on the location to reconstruct natural topography. If enough fill material is available, excess material will be used to build up the access road AFTER ripping the road base to eliminate surface compaction hard pan.
NOTE: NO disturbance will occur outside the areas currently disturbed by the well location access road boundaries.
- After location has been re-contoured, rip, disk and seed the location and access road with a disk type seed drill.
- Install a woven wire fence at and across the access road leading to the well site at the intersection of the main road and take off point(s) to discourage access on rehabilitated access road.
- Install a sign on fence, i.e. Seeded Area—Do Not Disturb.

Waste Material Handling and Disposal

All surface equipment and trash, if any, will be removed from the location and disposed of at an approved waste disposal facility.

Surface Reconstruction and Stabilization

The long term objective of final reclamation is to set the course for eventual ecosystem restoration including the restoration of natural vegetation. Operator will avoid disturbance to the mature vegetation that has become well established on the pad perimeter to the extent practicable, and will focus reclamation efforts toward de-compaction, removing sharp, angular features to more closely approximate the natural contours, re-establishing natural drainage patterns, and re-vegetating the abandoned well pad and access road.

Well Pad Reclamation

(Note: some steps may occur in a different sequence than listed below or may occur simultaneously as the case may be):

I. The following activities would take place before commencing with any dirt work to restore the pad surface:

- The BLM Authorized officers will be notified at least 48 hours prior to construction;
- Pre-construction conditions will be documented and pictures taken from the four cardinal directions for future reference;
- The P&A marker will remain as is. All pertinent well information is permanently imprinted onto the marker for future reference.
- Temporary and/or permanent stormwater and erosion control BMPs will be employed at appropriate locations around the pad as dictated by local drainage patterns and expected areas of disturbance and slopes AND across the access road. BMP selection will be determined by local factors and will be a combination of sediment and erosions controls that are deemed effective and low maintenance. Straw wattles, diversion ditches, mulch, soil blankets, and/or other suitable BMPs may be used in various combinations, as appropriate, during and after construction activities;
- Remove all gravel on well pad surface. Gravel may be used at the base of the cut slope underneath the fill material to re-establish the natural topography;
- Use fill material to reconstruct natural topography.
- If enough fill material is available, excess material will be used to build up the access road (which is lower in depth than the natural grade due to compaction and erosion) AFTER ripping the road base to eliminate surface compaction hard pan;
- Those areas where healthy, mature, and weed-free vegetation has established along the pad perimeter will remain undisturbed to the extent possible;
- Natural drainage patterns will be restored, as practical, as near as possible to pre-disturbance conditions;
- The pad surface will be ripped by Bulldozer or Grader to reduce compaction and to establish a suitable root zone in preparation for topsoil replacement;
- Topsoil will be redistributed across the pad surface and disked to prepare the soil for seeding;
- After location has been re-contoured, rip, disk and seed the location and access road with a disk type seed drill;
- All disturbed areas will be seeded in accordance with the FFO Bare Soil Reclamation Procedures.

Access Road Reclamation

Upon completion of all well pad reclamation activities, the associated access road will be reclaimed using much the same methods as described above. The road will be ripped and scarified to reduce compaction, and any sharp or angular cuts or fills would be restored as near as possible to pre-disturbance contours. Natural drainage patterns will be restored, to the extent practical, as near as possible to pre-disturbance conditions. **NO disturbance will occur outside the areas currently disturbed by the access road boundaries.**

Established vegetation along the roadsides will remain undisturbed where possible to encourage native plant growth onto the new disturbance and to maintain erosion and sediment control. Straw wattles and/or diversion ditches will be placed at appropriate locations along the road as needed to prevent sediment transport to local drainages. Other suitable BMPs may be used in various combinations, as appropriate, during and after construction activities.

All disturbed areas will be re-seeded in accordance with BLM FFO Bare Soil Reclamation Procedures.

To discourage future use of the road, a temporary fence consisting of woven wire fence at and across the access road leading to the well site at the intersection of the main road and take off point(s) to discourage access on rehabilitated access road and will serve as a barricade to discourage access to the newly reclaimed road and will be left in place until the road & well pad have been stabilized.

A sign will be installed on the fence, i.e. "Seeded Area -- Do Not Disturb" or equivalent

Re-establishing Surface Hydrology

Natural drainage patterns will be restored as near as possible to pre-construction conditions, except where restoring the natural drainage will cause excessive disturbance and disrupt the natural rehabilitation processes that have already established. In those areas, additional means for ensuring proper drainage, such as water bars or diversion ditches, may be employed.

Eroded areas will be filled in using fill material from the well location and Best Management Practices (BMP's) for Storm water pollution prevention such as silt traps, excelsior mats, wattles/sediment control logs and straw distributed on the surface and crimped or harrowed into the soil after drill seeding.

Given that the well pad will effectively be inaccessible following road reclamation and because the only potential pollution source will be runoff sediment; the temporary stormwater BMPs will be removed upon completion of construction activities. Drainage, sediment, and erosion controls will be managed through vegetative practices and/or biodegradable materials (i.e. soil blankets, straw wattles, crimped straw, mulch, brush and woody debris, pocking, etc..).

All drainage, sediment, and erosion controls will be implemented in accordance with Operator standard Stormwater Management Plan.

Site Preparation, Soil Management and Handling

Fill material will be pushed into cuts and over the back slope as necessary and any sharp, angular cuts and fills will be smoothed to conform as nearly as practical to the adjacent landform. The pad and road surfaces will then be ripped, scarified, and/or disked to a depth adequate for establishing a suitable root zone.

All salvaged topsoil material will be reused and spread evenly over the disturbed areas. Prior to seeding, all disturbed areas will be left with a rough surface to facilitate moisture and seed retention, and vegetative slash/brush will be placed at expected discharge areas to minimize sediment transport. The topsoil in the area is generally deep and no soil amendments are expected or proposed.

Revegetation

Following soil preparations, a range drill (disk type seed drill) will be used to apply the approved seed mix over the disturbed areas. The drill will be equipped with a depth regulator to ensure even planting depths appropriate to the plant species and soil types. Should broadcast seeding be deemed more appropriate in some areas, the seed application rates will be doubled and a rake or harrow used to incorporate the seed into the soil. Any steep slopes, greater than 2:1, will be blanketed for soil stabilization and seed retention.

The seed mixture and application rates for the Sage/Grassland Vegetative Community will be as follows:

Species	Variety	Pound/Acre (PLS)
Fourwing Saltbush	VNS	2.0
Antelope Bitterbrush	VNS	2.0
Western wheatgrass	Arriba	4.0
Bottlebrush Squirreltail	Unknown	3.0
Indian ricegrass	Paloma or Rimrock	4.0
Blue Grama	Alma or Hachita	2.0
Small Burnet	Delar	2.0
Blue Flax	Apar	.25

* Seed mix is available locally or from Southwest Seed in Dolores, CO.

Seed mixtures will be certified weed-free and the seeding records (bag labels) or other official documentation will be available to the Authorized Officer prior to seeding.

Seeding will be accomplished as soon as reasonably possible following completion of earthwork activities. The Authorized Officer will be notified forty-eight (48) hours prior to commencing with seed application.

Weed Management

Operator's objective is to implement an integrated weed management program to control weed populations and establish desirable vegetation utilizing the following strategies:

- Control the introduction and spread of weeds through early detection.
- Establish desirable native vegetation on disturbed areas through successful re-vegetation efforts.
- Treat and control known weed populations.

Among the measures that will be implemented to prevent the introduction or establishment of weeds in areas not already infested include:

- Identification and eradication of new infestations as quickly as practical.
- Implement successful re-seeding efforts as quickly as practical in areas that have been disturbed.

Local factors, such as soil type and stability; grade; associated vegetation; existing and proposed land use; proximity to water; weed type and stage of growth; and severity of infestation; will be considered in selecting the appropriate weed management method(s). The management method(s) selected will be the least environmentally damaging, yet practical and reasonable in achieving the desired results.

Operator will utilize chemical treatment as the preferred method of weed management and control. The proper use of herbicides at the optimum time can be an effective method for controlling persistent weeds. A Pesticide Use Proposal (PUP) will be pre-approved by the BLM prior to any chemical treatment. The use and handling of herbicides will be in accordance with all application rates, restrictions, and warnings listed on the label and MSDS. Preparation and application of all herbicides will be licensed by the State of Colorado Department of Agriculture, and a Daily Weed Pesticide Application Record will be completed and retained for all spraying activities.

Other methods to be used for weed control will include the following:

- Remove soil, seeds, and vegetative matter prior to entering or leaving the project site on all construction equipment and transport vehicles, trucks, pickups, and other vehicles ;
- Ensure that all seed mixes, straw, and/or mulch used in reclamation are certified weed-free;
- Promptly revegetating disturbed areas;
- Treating and/or removing weeds prior to ground-disturbing activities to limit seed production and dispersal;
- Treating noxious weeds that have escaped the project area onto adjacent areas to prevent further expansion into un-infested areas and re-infestation of the treated area;

Monitoring

After the earthwork and seeding is completed, Operator will submit a Sundry Notice informing the BLM that reclamation has been completed and which includes a request for an inspection of the earthwork and seeding.

A joint inspection will be conducted by Operator and the BLM. During the inspection, the BLM and Operator will establish a line point intercept transect.

Date 9-9-19

P&A Field Inspection Sheet

Operator Dugan

Specialist _____

API Number 30-045-25051

Well Name & Number July Jubilee #1

Lease Number NM 24661

Section 30 Township 24N Range 9W

Surface: ☐ BLM ☐ BOR ☐ State

Footage 1650 FNL & 1520 FEL

County San Juan State _____

Twinned: ☐ Yes ☐ No

Topography _____

Well pad

Soil Type _____

Stockpile Topsoil ☐ Yes ☐ No

Vegetation Community Sage grass

- 1 _____
- 2 _____
- 3 _____
- 4 _____
- 5 _____
- 6 _____
- 7 _____

Vegetation Cages: ☐ Yes ☐ No

Facilities on Location: ☒ Tanks, ☒ Meter Runs, ☒ Separators, ☐ Compressor, ☐ Day tanks, Pipeline Riser ☐ Yes ☐ No

Gravel Present: ☐ Yes ☐ No Bury ☐ Yes ☐ No Main Road _____

Steel Pits: Above Grade/ Below Grade: Where on Location _____

Cathodic Groundbed on Location: ☐ Yes ☐ No In Service ☐ Yes ☐ No Abandoned ☐ Yes ☐ No Plugged ☐ Yes ☐ No

Remove Wire ☐ Remove Rectifier ☐

Trash on Location ☐ Yes ☐ No Power Poles Present ☐ Yes ☐ No Remove Power Poles ☐ Yes ☐ No

Construct Diversion Ditch ☐ Above ☐ Below ☐ Around

side draining _____

side draining _____

Contaminated Soil Present: ☐ Yes ☐ No

Remove: ☐ Yes Where on Location _____

Construct Silt Trap (s) _____

Re-contour Disturbed Areas to Natural Terrain: ☐ Yes ☐ No

Special Features _____

Location & Access Barricade ☐ Yes ☐ No How _____

Construction Comments/Concerns _____

Access Road

Access Length _____

Other _____ Remediation Methods: ☒ RIP ☐ Disk ☐ Water Bars ☐ Re-establish Drainages,

Access Condition ☐ Below grade ☐ Above grade ☐ Other _____

Gulverts: ☐ Yes ☐ No Cattle Guard: ☐ Yes ☐ No

Reconstruct Fence: ☐ Yes ☐ No

Surfacing Material: ☐ Yes ☐ No

What to do w/ Material _____

Road Comments/ Concerns _____

Pipeline

Pipeline Company: Enterprise, Williams, Other _____

Location P/L: Where _____

Relocate Riser ☐ Yes ☐ No Where _____

Pipeline Length _____ Remediation Methods _____

.99 or > Acres of disturbance- Need SUPO: ☐ Yes

Comments/ Concerns _____

Grazing

Grazing Permittee _____

Type of Grazing (cattle/sheep) _____

Season of Use _____

Operator's Representative _____

Pipeline Rep _____