OCD Hobbs

HOBBS OCD

APR 28 2014

RECEIVED

Form 3160-5
(August 2007)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: July 31, 2010

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.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

5. Lease Serial No.
NMLC055546

6. If Indian, Allottee or Tribe Name

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

1. Type of Well
☐ Oil Well ☐ Gas Well ☒ Other: INJECTION

8. Well Name and No.
LANGLIE JAL UNIT 47

2. Name of Operator
LEGACY RESERVES OPERATING LP

Contact: MARTIN STAELENS
E-Mail: mstaelens@legacylp.com

9. API Well No.
30-025-23883

3a. Address
PO BOX 10848
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 281-465-8387 Ext: 224

10. Field and Pool, or Exploratory
LANGLIE MATTIX;7RVRS-Q-G

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 5 T25S R37E SENW 1980FNL 1885FWL

11. County or Parish, and State
LEA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

SEE ATTACHED P&A PROCEDURE ALONG WITH CURRENT & PROPOSED WELLBORE DIAGRAMS.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

RECLAMATION PROCEDURE
ATTACHED

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

Electronic Submission #240833 verified by the BLM Well Information System
For LEGACY RESERVES OPERATING LP, sent to the Hobbs
Committed to AFMSS for processing by JIM AMOS on 04/24/2014 ()

Name *(Printed/Typed)* MARTIN STAELENS — Title PRODUCTION ENGINEER

Signature (Electronic Submission) — Date 04/02/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By James A. Amos — Title SEPS — Date 4-24-14

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 CFO

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.

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

MSB/OCD 4/29/2014

APR 30 2014

PROCEDURE TO PLUG AND ABANDON
Langlie Jal Unit #47
Langlie Mattix (7-Rivers, & Queen) Field
Lea County, New Mexico
3/25/14

GENERAL WELL DATA

- 8-5/8" – 20# surface csg @ 820', cmt'd w/475 sx. TOC @ surf (circ'd)
- 4-1/2" – 9.5# & 10.5# prod. csg @ 3598', cmt'd w/1500 sx. TOC @ surf (circ'd)
- TD @ 3,720'
- PBTD @ 3,151'
- 7-Rivers perfs: 3,402'-3,405'
- Queen perfs: 3,410'-3,720'

OBJECTIVE: ***Plug and Abandon Well.***

PROCEDURE

1. Hold Safety Meeting. High concentrations of H2S may be present. MIRU plugging equipment.
2. Dig out cellar. Kill well if necessary and ND WH, remove any tubing joints, and NU BOP.
3. PU work string and RIH and tag CIBP @ 3151'.
4. Circulate well with mud.
5. Spot 30 sxs of cement on top of CIBP (3151' – ~~2984'~~ 2720). WOC Tag
* Spot plug 25 sx min. from 1520 - 1420. WOC Tag
6. PU to 1020' and spot 55 sxs of cement @ 1020' - 300'. WOC Tag
7. POOH with work string.
8. Pump 5.23 bbls of mud through the Bradenhead in an attempt to squeeze 25 sxs of cement into the leak area 832' – 816'. WOC.
9. RIH with work string and tag TOC. Should be around 620' if the squeeze in the previous step was successful.
10. PU to 400' and spot 30 sxs of cement @ 400'-surface. Note, if the previous plug squeeze resulted in a TOC level less than 400', simply fill the remaining part of the hole with cement.
11. POOH with work string.
12. RDMO plugging equipment.
13. ND BOP.
14. Cut off well head and weld on dry hole marker.

PREPARED BY: _____ DATE: 3-26-14

APPROVED BY: _____ DATE: 3-26-14

Field: **Langlie Mattix (7-Rivers & Queen)**

LJU #47

	Location:
Footage:	1980 FNL & 1885 FWL
Section:	5, T - 25S, R - 37E
Block:	
Survey:	
County:	Lea
Lat:	
Long:	
	Elevations:
GL:	
DF:	3,242'
KB Calc:	
ck w/log?	n/a

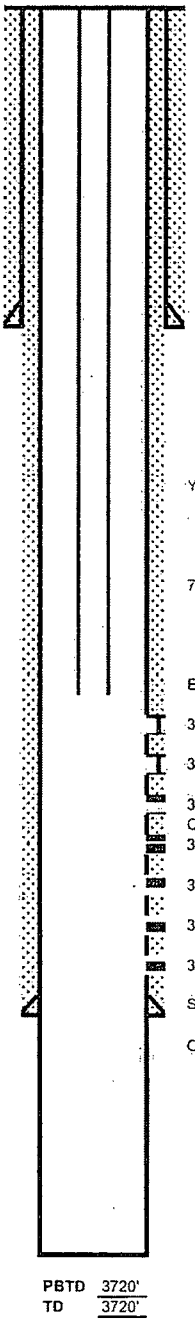
Date	History
4-Jun-90	5/19/1990 - Washed iron sulfide fill 3327-3710' (383) circ and clean, return
	to injection
1-Oct-91	New operator effective date
4-Dec-92	MIRU coil tubing unit, RIH with hydroblast tool on 1 1/4" coil tubing. Clean
	out fill from 3340' to 3720'. POOH with coil tubing and reposition jets to
	shoot outward. RIH with hydroblast tool on coil tubing and wash casing
	from 3340' to 3720'. POOH and RDMO coil tubing. Return well to
	injection. Collect all cleanout water in frac tank and dispose of off lease.
	After injection stabalizes, run injection profile.
17-Dec-92	MIRU NDWH, NU BOP RLS, PKR, POOH, LD, PKR, PU BIT , DC AND
	TBG RIN, TAG FILL @3451' CLEAN OUT. BIT PLUGGED POOH UNPLUG
	BIT, RIN TO 3,200' SDFD
18-Dec-92	FINISH TIH, TAG FILL, CLEAN OUT 3790' CIRC HOLE CLEAN, POOH,
	LD DC & BIT, SDFD
19-Dec-92	PU PKR, TIH TEST TBG, NO BOP, NU WH CIRC, PKR FLUID, SET
	PKR@ 3148', Ran H-5 Good test RDMO
5-Apr-96	On or about April 16, 1996, squeeze perfs 3340' - 3385' add perfs 3440'-
	3530' stimulate RTI
28-Jun-05	RU dig out around wellhead; found hole 4 1/2 " casing; repaired leak;
	pressured up to 325 psi, held for 30 minutes; witnessed by Buddy Hill with
	OCD. Restored to injection. Please find attached chart. Correction:
	Pressure mis-stated.
30-Jun-05	Dig out around wellhead for inspection. Repair wellhead leak after visual
	and/or pressure testing. Conduct MIT and restore well to injection

	Tubing Detail (top to bottom)		
Joints	Description	Footage	Depth
103	2-3/8", 4.7#, 8rd J-55 tbg	3,258.00	3,258.00
	Packer	0.00	3,258.00

	Rod Detail (top to bottom)		
Rods	Description	Footage	Depth

Pumping Unit:
Updated: 2/14/14 MLS

Wellbore Diagram



Yates @ 2775'

7-R @ 2988'

EOT at 3,258'

3346'-3350'

3380'-3386'

3402'

Queen @ 3405'

3410'-3417'

3423'-3429'

3440-3530'

3521'

32 Holes altogether

Shoe @ 3598'

OH: 3-7/8"

PBTD 3720'
TD 3720'

Reservoir: Langlie Mattix

Well ID Info:	LJU #47
API No:	30-025-23883
Spud Date:	10/2/1971

Hole Size:	12-1/4"
Surf. Csg:	8-5/8" - 20#
Set @	820'
Cement w/	475 sxs Class 'C' 2% cacl
Circ:	Yes
TOC:	Surface

Hole Size:	7-7/8"
Prod. Csg:	4 1/2" - 9.5# and 10.5#, J-55
Set @:	3598'
Cement w/:	1500 sxs Class C.
TOC:	Surface
Circ:	Yes

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	and/or pressure testing. Conduct MIT and restore well to injection
12-Feb-14	Casing leak found between 832' - 816'. CIBP set @ 3151'.

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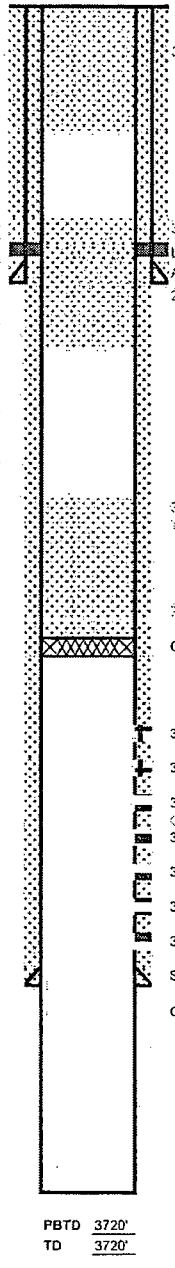
Rods	Description	Footage	Depth

Pumping Unit:
Updated: 2/14/14 MLS

LJU #47
PROPOSED

Wellbore Diagram



PBTD 3720'
TD 3720'

Reservoir: Langlie Mattix

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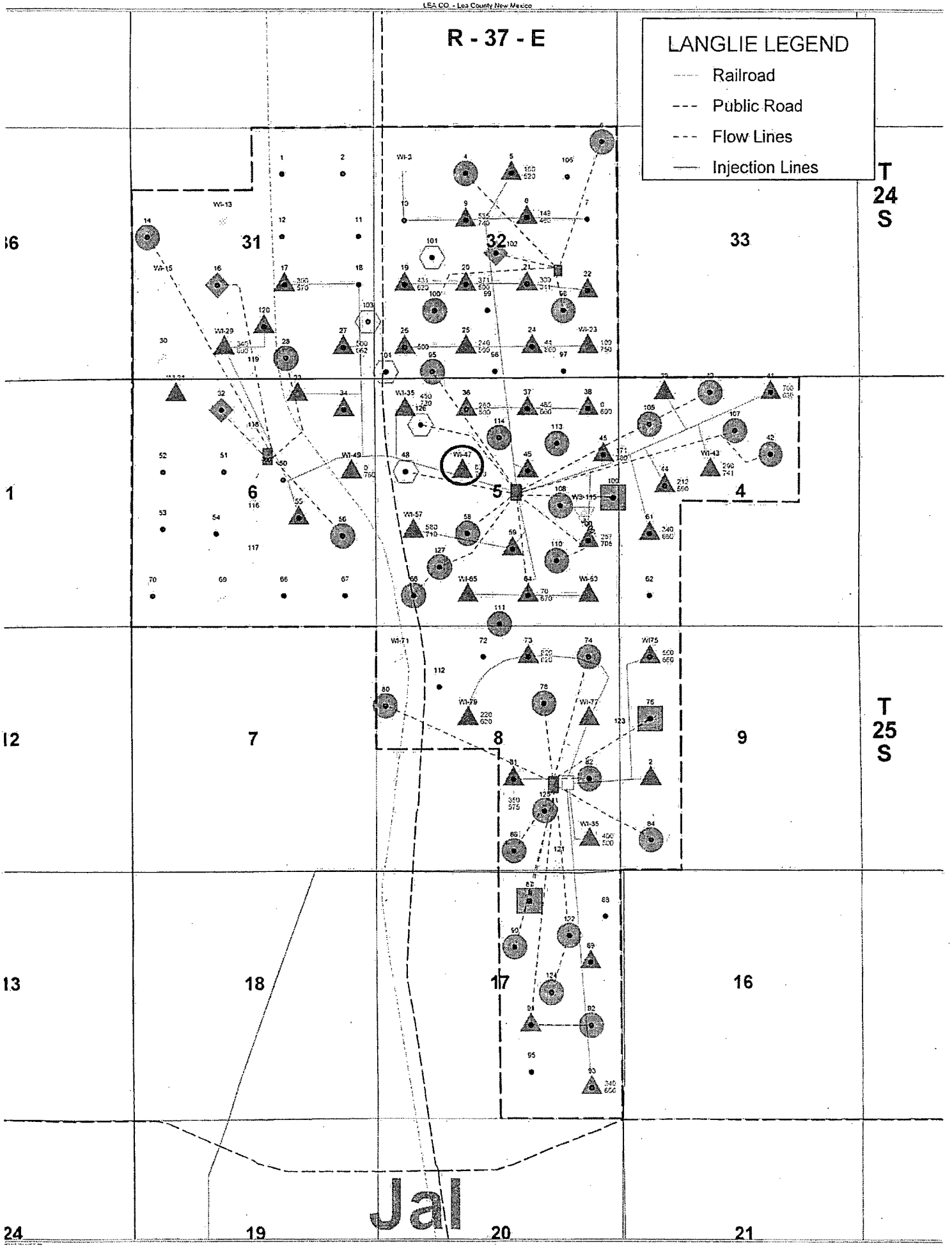
LEA CO. - Lea County New Mexico
R - 37 - E
LANGLIE LEGEND
Railroad
Public Road
Flow Lines
Injection Lines
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T 25 S
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BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. In lieu of a cement plug in a cased hole, a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient.

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement. The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and five copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration conditions of approval will be developed and furnished to you.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

TAKE PRIDE® IN AMERICA

In Reply Refer To: 1310

Interim Reclamation Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses.

Interim reclamation consists of minimizing the footprint of disturbance by reclaiming all portions of the well site not needed for production operations. The portions of the cleared well site not needed for operational and safety purposes are recontoured to a final or intermediate contour that blends with the surrounding topography as much as possible. Sufficient level area remains for setup of a workover rig and to park equipment. Topsoil is respread over areas not needed for all-weather operations. Production facilities should be clustered to maximize the opportunity for interim reclamation. In order to inspect and operate the well or complete workover operations, it may be necessary to drive, park, and operate on restored, interim vegetation within the previously disturbed area. This is generally acceptable provided damage is repaired and reclaimed following use.

To reduce final reclamation costs; maintain healthy, biologically active topsoil; and to minimize habitat, visual, and forage loss during the life of the well, all salvaged topsoil should be spread over the area of interim reclamation, rather than stockpiled.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). Interim reclamation is to be completed within 6 months of well completion.

3. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with interim reclamation as per approved APD or Sundry Notice. If you have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

4. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

5. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Linda Denniston
Environmental Protection Specialist
575-234-5974

Jennifer Van Curen
Environmental Protection Specialist
575-234-5905

Mike Burton
Environmental Protection Specialist
575-234-2226

Jeffery Robertson
Natural Resource Specialist

Solomon Hughes
Natural Resource Specialist
575-234-5951

Douglas Hoag
Civil Engineering Technician
575-234-5979