# NM ONCOMBERVATION

ARTESIA DISTRICT

•					JUL 31	2014			(COPV)	
Form 3160-5 (August 2007)	UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT				RECE	VED	FORM APPROVED OMB NO. 1004-0135 Expires: July 31, 2010  5. Lease Serial No.			
	SUNDRY NOTICES AND REPORTS ON WELLS					1	5. Lease Seri NMNMO			
Do not use this form for proposals to drill or to re-enter apparatus abandoned well. Use form 3160-3 (APD) for such proposals.						CO	6. If Indian, A	Allottee or	Tribe Name	
SUBMIT IN TRIPLICATE - Other instructions on reverse side 16 7 2014								7. If Unit or CA/Agreement, Name and/or No.		
1. Type of Well		8. Wel			B. Well Name and No. DRICKEY QUEEN SAND UNIT 11					
☐ Oil Well ☐ Gas Well ☑ Other: INJECTION  2. Name of Operator ☐ Contact: MIKE METZA REC							9. API Well I	<b>Чо.</b>		
LEGACY RESERVES OPERATING LRE-Mail: mmetza@legacylp.com							30-005-0		/	
3a. Address PO BOX 10848 MIDLAND, TX 79702  3b. Phone N. Ph: 432-66					o. (include area code) 89-5200			10. Field and Pool, or Exploratory CAPROCK; QUEEN		
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11.			. County or Parish, and State		
Sec 33 T13S R31E SENE 1980FNL 660FEL							CHAVES	COUNT	ΓY, NM	
12.	CHECK APP	ROPRIATE BOX(ES) TO	O INDICAT	E NATU	TRE OF NO	OTICE, RE	EPORT, OR	OTHER	DATA	
TYPE OF SUBI	MISSION	TYPE OF ACTION								
Notice of Inter     Notice of Inter	t	☐ Acidize	De	epen		☐ Producti	ion (Start/Resi	ıme)	☐ Water Shut-Off	
_		☐ Alter Casing	☐ Fracture Treat ☐ Recla			🗖 Reclama	ation     Well Integrity			
Subsequent Re	port	☐ Casing Repair ☐ New Construction ☐ Recor				□ Recomp	plete 🔲 Other			
☐ Final Abandon	ment Notice	☐ Change Plans	_	☑ Plug and Abandon ☐ Temporarily Abandon						
		Convert to Injection				☐ Water I				
If the proposal is to Attach the Bond un following completic testing has been con determined that the	deepen directions der which the wo on of the involved apleted. Final Al site is ready for f	eration (clearly state all pertine, all pertine the performed or provide the will be performed or provide operations. If the operation re- pandonment Notices shall be fil- final inspection.)	give subsurface the Bond No. c sults in a multip ed only after all	locations on file with ole comple requirement	and measured BLM/BIA. I tion or recom- ents, including	I and true ve Required sub pletion in a n reclamation	rtical depths of sequent reports lew interval, a F	all pertiner shall be fi form 3160- apleted, an	nt markers and zones. led within 30 days 4 sholl be filed once d the operator has	
P&A PROCEDL  1. RIH to TOC a  2. RIH w/packer  WOC and tag at  3. Circulate hole  4. Perforate (4)  AND TAG AT/A	JRE: at 2729' and ci and set. Perf Jabove 1850'. full of mud at at 4256' and 2 BOVE 4450'.	rculate mud to 1950'. orate (4) through tubing a nd POOH w/packer. 123'. RIH w/packer and so	t <b>1950°.</b> Squi	eeze 40	sx into perf	orations,	1960 · .	(120 8' (	(oo' shay)	
5. POOH w/pac minimum 60 sx.	ker, RIH w/O-I POOH w/tubi	E tubing to 273' and circulars	late 5 1/2" ar	nd 5 1/2"	'-by-8 5/8" t	™ X F F	ATTAC	HFD	FOR	
		ocation. Remove wellhead . Minimum 9.5 ppg salt m							APPROVAL	
PC Ashitat	, below	ground leve	ldry	hole	Marc	Ker	recine	6.		
14. I hereby certify the	i the foregoing is	true and correct. Electronic Submission # For LEGACY RES	( 252488 verifie ERVES OPEI	by the	BLM Well II P, sent to	nformation the Roswe	System II	RECL/	MATION PROCEDUR	
Name (Printed/Type	d) MIKE ME	ΓZA ·		Title	OPERATI	ONS ENG	INEER		ATTACHED	
Signature	(Electronic S	Submission)		Date	07/10/201	4				

Conditions of approved, 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. 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 files, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Tide

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

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

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

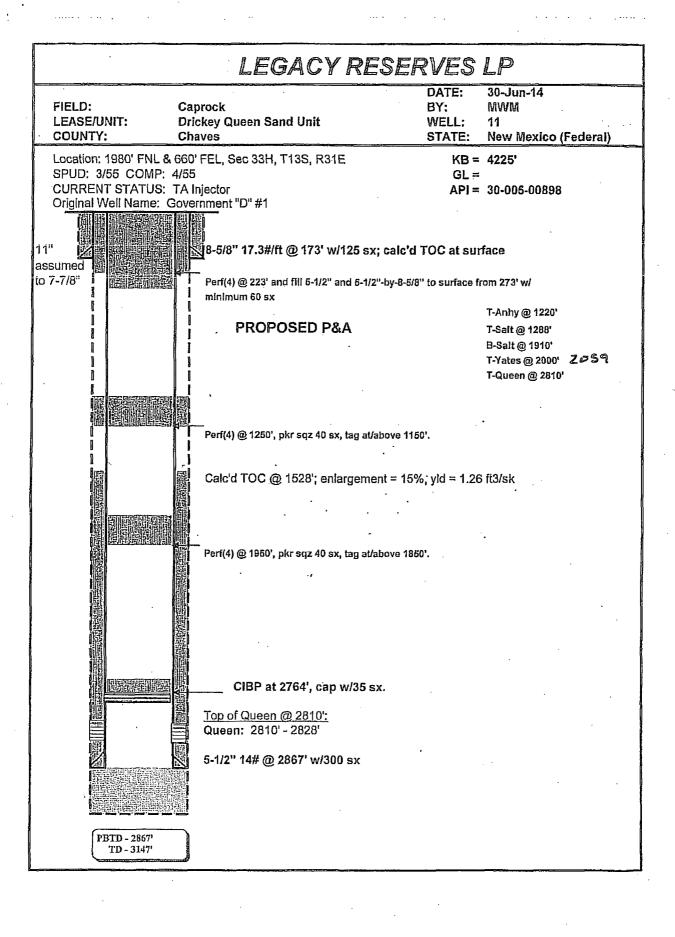
\_Approved By

### Additional data for EC transaction #252488 that would not fit on the form

#### 32. Additional remarks, continued

Current and proposed wellbore diagrams are attached.

LEGACY RESERVES LP DATE: 30-Jun-14 FIELD: BY: MWM Caprock **Drickey Queen Sand Unit** LEASE/UNIT: WELL: 11 COUNTY: Chaves STATE: New Mexico (Federal) Location: 1980' FNL & 660' FEL, Sec 33H, T13S, R31E KB = 4225' SPUD: 3/55 COMP: 4/55 GL = CURRENT STATUS: TA Injector API = 30-005-00898 Original Well Name: Government "D" #1 8-5/8" 17.3#/ft @ 173' w/125 sx; calc'd TOC at surface assumed to 7-7/8" **EXISTING** Calc'd TOC @ 1528'; enlargement = 15%, yld = 1.26 ft3/sk T-Anhy @ 1220' T-Salt @ 1288' B-Salt @ 1910' T-Yates @ 2000' ZOS9' T-Queen @ 2810' CIBP at 2764', cap w/35 sx. Top of Queen @ 2810'; Queen: 2810' - 2828' 5-1/2" 14# @ 2867' w/300 sx PBTD - 2867' TD - 31471



# BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greens 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 Troncompniance (Tro) in accordance with the CTR 3165.1.

1. Prugging operations shan commence Within minety Guy days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, will 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.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> 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. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. 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. <u>Mud Requirement:</u> 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 brine 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. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), 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. Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.

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 BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

  The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embeauch in coment, unless cultivise noted in CO22 (requirements will be anathed). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, tease senal number, surveyed toolanch (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).
- 7. <u>Subsequent Plugging Reporting</u>: Within 30 days after plugging work is completed, file one original and three 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. <u>Trash:</u> 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 will be required. See attached reclamation procedure.

J. Amos 3/6/11



# 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



In Reply Refer To: 1310

#### Reclamation Objectives and Procedures

Reclamation C bjective: Cil 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 direct is not permanent. Luring the fire of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- 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). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. 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.

- 5. 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.
- A. this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, contact Roswell Field Office at 575-627-0272.