Form 3160-5

UNITED STATES

FORM APPROVED

(June 2015)	EPARTMENT OF THE I	OCD Hobbs		OMB NO. 1004-0137 Expires: January 31, 2018				
Е	UREAU OF LAND MANA	GEMENT		-	5. Lease Serial	No.	, 2018	
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to re-enter and abandoned well. Use form 3160-3 (APD) for such proposals.						NMNM18640A		
abandoned we	III. Use form 3160-3 (AP	D) for such p	roposals.	OCD	6. If Indian, All	ottee or Tribe N	lame	
SUBMIT IN	TRIPLICATE - Other ins	tructions on	page 2 2 2	0000	7. If Unit or CA/Agreement, Name and/or No. RNM066			
Type of Well Oil Well		RECEIVE		8. Well Name at HALF 5 FEI	nd No. D COM 01	/		
Name of Operator EOG RESOURCES INCORP	/ N	0	9. API Well No 30-025-28					
3a. Address	3b. Phone No. (include area code) Ph: 432-686-3658			10. Field and Pool or Exploratory Area PITCHFORK RANCH				
MIDLAND, TX 79702 4. Location of Well (Footage, Sec.,	T R M or Survey Description)		-	11. County or P	Parish State		
Sec 5 T25S R34E NESW 198		9						
Sec 5 1255 R34E NESW 196	BUFSL 1960FVVL				LEA COUNTY, NM			
12. CHECK THE A	PPROPRIATE BOX(ES)	TO INDICA	TE NATURE OI	F NOTICE, I	REPORT, OR	OTHER DA	ATA	
TYPE OF SUBMISSION	TYPE OF ACTION							
Notice of Intent	☐ Acidize	☐ Dee	pen	☐ Production	on (S	TO DA -	Off	
	☐ Alter Casing	☐ Hyd	raulic Fracturing	☐ Reclamate	ion INI	INT TO PA PM y P&A NR P&A R		
☐ Subsequent Report	☐ Casing Repair		Construction	☐ Recompl	Do /			
☐ Final Abandonment Notice	☐ Change Plans	☑ Plug and Abandon ☐ Tempo						
13. Describe Proposed or Completed O	☐ Convert to Injection	☐ Plug		☐ Water Di	1			
If the proposal is to deepen direction Attach the Bond under which the we following completion of the involve testing has been completed. Final Adetermined that the site is ready for The attached procedure was extension/renewal of this app Wellbore schematic is attach	ork will be performed or provided operations. If the operation rebandonment Notices must be fifinal inspection. previously approved 8/21 proved procedure to P&A.	e the Bond No. or esults in a multipl led only after all	n file with BLM/BIA e completion or reco requirements, include	Required subs impletion in a ne ing reclamation, ests an	sequent reports n w interval, a Fo have been comp	nust be filed wit nrm 3160-4 must pleted and the o	thin 30 days t be filed once perator has	
				CI	SEE ATTACHED FOR			
	RE	CLAMATION	PROCEDURE	01	CONDITIONS OF APPROVAL			
		ATTAC	HEU		JNUITTU	NO OF A	ITHOVAL	
Below ground	level day	hole ,	nacke	Requi	red	•		
14. I hereby certify that the foregoing	Electronic Submission #	403624 verifie	d by the BLM Wel	I Information	System			
	For EOG RESOL Committed to AFMSS for	JRCES INCOR	PORATED, sent t	to the Hobbs				
Name (Printed/Typed) KAY MADDOX				ATORY ANA				
Signature (Electronic	Submission)		Date 02/07/20	018				
Signature (Electronic	THIS SPACE FO	OR FEDERA			E	,		
Approved By	100		Title Sussi	U. AFT	-		3-18-18 Date	
Conditions of approval if any, are attach certify that the applicant holds legal or ec which would entitle the applicant to cond	uitable title to those rights in the	s not warrant or e subject lease	Office Car	v. PET	<i>[</i>			

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 faise, 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 **

FOR RECORD ONLY NMOCD 03/26/2018



Half 5 FD #1

API# 30-025-28261 Sect 5, T25S, R34E 1980' FSL & 1980' FWL

LEA, NM

- 1. Set a 4-1/2" CIBP @ 14,752'. Tag.
- 2. Circulate well with 9 ppg mud
- Circulate well with 9 ppg mud
 Spot 55sx Class H cement on CIBP @ 13,350'. WOC and Tag Add plug from 13000 12 360'.
 Spot 40sx Class H plug @ 9,350' /90' plug
 Spot 40sx Class H plug @ 7,225' 170' plug
 Spot 85sx Class H plug @ 5,200' 5340 44970, woc Tag. Add plug, Perf@ 3000, SQZ
 Perf and Squeeze 50sx Class C @1,100' 100' plug

- 8. Perf and Squeeze 115sx Class C @ 650'
- 9. Cut off WH three feet below surface.
- 10. Circulate cement from 100' to surface. Ensure cement is to surface across all annuluses.
- 11. Weld on P&A marker. Cut off anchors three feet below surface. Clean location.

Half 5 FD #1

API# 30 025 28261 Sect 5 T. 75, R34E



4/23/1983

1902 TSLA 1200 FWL 9/16/1983 energy opportunity growth LEA. NM Circulate cement from 100' to surface Perf and Squeeze 115sx Class C @ 650' 13-3/8" H-40 48# to 600" 17-1/2" Perf and Squeeze 50sx Class C @1,100' 9-5/8" K-55 36# & 40# to 5,193' 12-1/4" Spot 85sx Class H plug @ 5,200' Spot 40sx Class H plug @ 7,225' TUBING: 2-7/8" to 12,998" Tubing Probably 6.5# P-110 Packer (ISA) @ 12,998 Spot 40sx Class H plug @ 9,350' Coil Tubing Inside of Tubing: 1-1/2" OD QT800, 1,74# to 2.81# Set @ 14,778 "Pump off plug"on bottom of CT Spot 55sx Class H cement on CIBP @ 13,350'. WOC and Tag 7" P110-S95 26# to 13,350" 8-3/4" Set a 4-1/2" CIBP @ 14,752'. Tag 8-29-94 Perforated 14,852' - 14,860' Original Perfs 15,228' - 15,245' 4-1/2" P-110 15.1# Lines to 15,350" TOL @ 12,967 PBTD @ 15,293'

Form 3160-5 (June 2015)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

Operator Copy

FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 erial No.

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.					NMNM18640A		
					6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on page 2					7. If Unit or CA/Agreement, Name and/or No. RNM066		
Type of Well					8. Well Name and No. HALF 5 FED COM 01		
Name of Operator					9. API Well No. 30-025-28261-00-S1		
3a. Address	(include area code) 6-3658		10. Field and Pool or Exploratory Area PITCHFORK RANCH				
MIDLAND, TX 79702							
4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					11. County or Parish, State		
Sec 5 T25S R34E NESW 1980FSL 1980FWL					LEA COUNTY, N	IM	
12. CHECK THE AP	PROPRIATE BOX(ES)	TO INDICA	TE NATURE O	F NOTICE,	REPORT, OR OTH	ER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION						
Notice of Intent	☐ Acidize	☐ Deepen		☐ Product	☐ Production (Start/Resume)		Off
	☐ Alter Casing ☐ Hy		raulic Fracturing	☐ Reclam	ation	☐ Well Integrit	У
☐ Subsequent Report	☐ Casing Repair		Construction	Recomp		Other	
☐ Final Abandonment Notice	Change Plans				rarily Abandon		
	Convert to Injection	☐ Plug		□ Water I			
13. Describe Proposed or Completed Operation If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Abdetermined that the site is ready for fit EOG Resources requests per schematic is attached.	operations. If the operation re- andonment Notices must be fi- nal inspection.	esults in a multipl led only after all	e completion or reco requirements, includ	ing reclamation	new interval, a Form 3160 in, have been completed a	filed within 30 days 0-4 must be filed or nd the operator has	ice
RECLAMATION PROCEDURE ATTACHED							
SEE ATTACHED FOR CONDITIONS OF APPROVAL Below ground level dry hole marker required							L
14. I hereby certify that the foregoing is	Electronic Submission #	URCES INCOR	PORATED, sent	to the Hobbs	5		
Name (Printed/Typed) KAY MADDOX				ATORY AN			
Signature (Electronic S	ubmission)		Date 08/17/2	017			
	THIS SPACE FO	OR FEDERA	L OR STATE	OFFICE U	SE		
Approved By	a. amos		Title &	AE7		8-21- Date	17
Conditions of approval, if any, are attached confry that the applicant holds legal or equivalent would entitle the applicant to conductive the	itable title to those rights in th		Office C	Ro			
Title 18 V.S.C. Section 1001 and Title 43 States any false, fictitious or fraudulent s	U.S.C. Section 1212, make it a tatements or representations as	crime for any per to any matter w	rson knowingly and ithin its jurisdiction.	willfully to m	ake to any department or	agency of the Unite	ď
(Instructions on page 2)							



Half 5 FD #1

API# 30-025-28261 Sect 5, T25S, R34E 1980' FSL & 1980' FWL

LEA, NM

- 1. Set a 4-1/2" CIBP @ 14,752'. Tag. Spot 25 Sx Class H on top of CIBP.
- 2. Circulate well with 9 ppg mud

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 3. Spot 55sx Class H cement on CIBP @ 13,350'. WOC and Tag Add plug from 13000 12360. Tag

 (Top Ciner & Wolfcamp)
- 4. Spot 40sx Class H plug @ 9,350' (190'plus, T/BS)
 5. Spot 40sx Class H plug @ 7,225' (170' plus, Specer)
- 6. Spot 85sx Class + plug @ 5,200' 5340-4970. WOC Tag (T/Del, Shoe & B/SaH)
 7. Perf and Squeeze 50sx Class C @1,100' (100' Alog, T/SaH) woc Tag.
- 8. Perf and Squeeze 115sx Class C @ 650'
- 9. Cut off WH three feet below surface.
- 10. Circulate cement from 100' to surface. Ensure cement is to surface across all annuluses.
- 11. Weld on P&A marker. Cut off anchors three feet below surface. Clean location.

Half 5 FD #1 APIR 30-075-20261 eog resources Sec. 5 7255, 8348 4/23/1983 1412 151 & 1980' F3VI. 9/16/1983 energy opportunity growth LEA, NM Circulate coment from 100' to surface 1/5411 1066 B/5411 5020 Perf and Squeeze 115sx Class C @ 650' 13-3/8" 11-40 48# to 600. 17-1/2" SIS SI Perl and Squeere Sosk Class C @ 1,100' 9-578" K-55 369 & 400 in 5,193" 12-1/4" 7373 Sx To Sm. f. Sput 85sk Class H plug @ 5.200" Spot 40sx Class II plug @ 7,225' Del 5290 TUBING: 1.7/A" to 12,998" Cherry 6269 2/5 9227 Tubing Probably 6,5# P-110 Spot 4055 Class II plug @ 9, 350" Parker (ISA) @ 12,998 Coll Lubing Inside of Tubing: 1-1/2" OH Q1800, 1,740 to 2,810 Set for 14,778 WC 12410 St. 12785 "Pump off ping"on bottom of Cf Spot 55tx Class II cement on CIBP @ 13.350'. WOC and Tag "" P110-S45 26# to 13,350" 8-314" 1200 SX 41. 13 940 Set a 4-1/7" CIBP @ 14,757". Tag 9 20.01 Perfornted 1.1.852' 1.1,560' Me 14344 Original Perfs 15,228" - 15,215" 4-1/2" P. 110 15.10 Lines to 15.450" 6-178" PO1. # 17.967 PHTD # 15,293

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 (LPC Habitat)

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 <u>ninety (90)</u> 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.

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. <u>Cement Requirement</u>: 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. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): 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 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off. Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings 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 covered with a metal-plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

- 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 objectives.

<u>From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted.</u>



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 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. At final abandonment, well locations, 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.

- 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
- 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 filling the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filling 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.
- 6. 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 after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At 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, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech 575-234-5909, 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Henryetta Price Environmental Protection Specialist 575-234-5951

Shelly Tucker -Environmental Protection Specialist 575-234-5979

Trishia Bad Bear, Hobbs Field Station Natural Resource Specialist 575-393-3612

BT SUNDRY						FORM APPROVED OMB NO. 1004-0137 Expires: January 31, 2018 5. Lease Serial No. NMNM18640A 6. If Indian, Allottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on page 2					7. If Unit or CA/Agreement, Name and/or No. RNM066			
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3a. Address MIDLAND, TX 79702	Ph: 432-6				10. Field and Pool or E PITCHFORK RA	eld and Pool or Exploratory Area CHFORK RANCH		
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If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fi	Acidize Deepen Production (Start/Resume) Water Shut-Off Alter Casing Hydraulic Fracturing Reclamation Well Integrity Casing Repair New Construction Recomplete Other Change Plans Plug and Abandon Temporarily Abandon Convert to Injection Plug Back Water Disposal Deperation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof, onally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones, work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days red operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has remission to plug this well using the attached procedure. The wellbore							
14. I hereby certify that the foregoing is Name (Printed/Typed) KAY MAD	For EOG RESOL Committed to AFMSS for p	JRCES INCOR	PORATED, sent to JIM AMOS on 08/	to the Hobbs	A0059SE)			

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 Hobbs 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.

Signature

(Electronic Submission)

Approved By (BLM Approver Not Specified)

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title

08/17/2017

Date 08/21/2017