Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

NATOU CONSERVATION JUL 1 4 2014

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

5. Lease Serial No. NMNM56429

SUNDRY NOTICES AND REPORTS ON WELLS.

Do not use thi abandoned wei	s form for proposals to II. Use form 3160-3 (AP	drill or to re D) for such p	enter an proposals. R	ECEIVED	6. If Indian, Allottee or	Tribe Name			
SUBMIT IN TRI	7. If Unit or CA/Agreement, Name and/or No.								
Type of Well Gas Well	8. Well Name and No. TRAVIS D FED 21								
Name of Operator ALAMO PERMIAN RESOURCE	9. API Well No. 30-015-24709-00-S1								
3a. Address 415 WEST WALL STREET SI MIDLAND, TX 79701	JITE 500	o. (include area coo 97-0673	de)	10. Field and Pool, or Exploratory LOCO HILLS					
4. Location of Well (Footage, Sec., T	11. County or Parish, and State								
Sec 17 T18S R29E NWSW 20	030FSL 760FWL				EDDY COUNTY, NM				
· 12. CHECK APPE	ROPRIATE BOX(ES) TO	O INDICATE	NATURE OF	NOTICE, RI	EPORT, OR OTHER	R DATA			
TYPE OF SUBMISSION	OF ACTION	·							
Notice of Intent	☐ Acidize	□ Dee	pen	□ Product	ion (Start/Resume)	■ Water Shut-Off			
_	☐ Alter Casing	☐ Frac	□ Fracture Treat		ation	■ Well Integrity			
☐ Subsequent Report	□ Casing Repair	□ Nev	v Construction	Recomp	olete	☐ Other			
☐ Final Abandonment Notice	☐ Change Plans		☑ Plug and Abandon ☐ T		arily Abandon				
	☐ Convert to Injection	☐ Plug		☐ Water I					
13. Describe Proposed or Completed Ope 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	ally or recomplete horizontally, ik will be performed or provide operations. If the operation re bandonment Notices shall be fil	give subsurface the Bond No. or sults in a multipl	locations and mea n file with BLM/B le completion or re	sured and true ve SIA. Required sul ecompletion in a	ertical depths of all pertine bsequent reports shall be the new interval, a Form 3160	ent markers and zones. filed within 30 days 0-4 shall be filed once			
PROPOSED PLUGGING PROCEDURE: SEE ATTACHED FOR									
1. PULL ANY TBG OUT OF T 2. GO IN HOLE W/ WS & CIR 3. SET CIBP @ APPROX 2, 1: 4. DUMP BAIL 35' OF CMT O 5. GO IN HOLE W/ WS & SET SURFACE. 6. WOC & FILL CSG W/ ADD 7. CAP WELL & SET SURF P 8. CLEAN UP & RECLAIM WI	C 5-1/2" PROD CSG FU 50' (ABOVE TOP OF FIS N-TOP OF GIBP. SOO CMT PLUG FRM 450' (ITIONAL CMT TO SURF &A MARKER AT WELL I	H) ON WIRE F D BELOW S , IF NECESS, LOCATION	POOH. LINE. COOPIEC SH BURF CSG SH ARY.	0'- /888 OE & BELOW RFCLA	MATION PROCEDU	910: 810, WOC 63") TO			
14. I hereby certify that the foregoing is C Name (Printed/Typed) CARIE ST	# Electronic Submission For ALAMO PERM ommitted to AFMSS for pr	VIIAN RESOUR	ICES LLC, sent AMES AMOS or	t to the Carlsba n 07/08/2014 (1	ıd	OR			
			11200	30,000,000	7 WING GOOK DITOKT				
Signature (Electronic S	Submission)		Date 07/07	/2014					
·	THIS SPACE FO	OR FEDERA	L OR STATE	E OFFICE U	SE				
Approved By (BLM Approver Not			Title SE	25		Date 07/08/2014			
Conditions of approval, if any, are attached certify that the applicant holds legal or equal which would entitle the applicant to conduction	nitable title to those rights in the act operations thereon.	e subject lease	Office Carlsb						
Fitle 18 U.S.C. Section 1001 and Title 43	U.S.C. Section 1212, make it a	crime for any pe	erson knowingly a	nd willfully to ma	ake to any department or	agency of the United			

Additional data for EC transaction #251831 that would not fit on the form

32. Additional remarks, continued

SEE ATTACHED BEFORE & AFTER P&A WBD'S; COMPLETION & STIMULATION HISTORY

Alamo Permian Resources, LLC

WELLBORE DIAGRAM

TRAVIS "D" FEDERAL #021 ELEVATION, GL: 3,546.6 ft Lease/Well No.: 2.030' FSL & 760' FWL Location: UL: L, SEC: 17, T: 18-S, R:29-E FIELD: LOCO HILLS: Queen-Grayburg-SA EDDY County, NM Federal NM-54183 Spudded: 3/30/1984 LEASE No.: 30-015-24709 Drlg Stopped: 4/6/1984 API No. : Completed: 4/19/1984 ROTARY DRLG RIG TOPS DEPTH, ft SALT - Top 363 12-1/4" HOLE TOC @Surface SALT - Base · 860 Top-off w/cmt **YATES** 940 Surface Csg: SEVEN RIVERS 1,280 360' Csg 8-5/8" 28# QUEEN 1,938 Csg Set @ 360' · **GRAYBURG** 2,310 Cmt'd w/ 260 sx METEX 2,503 + 10 yds Readymix PREMIER 2,640 Cmt Top-Off SAN ANDRES 2,740 PRIOR TO P&A TOC @ Surface Circulated 200 sx cmt 7-7/8" HOLE DURING WORKOVER: December 17-18, 2002 22 Joints of 2-3/8" tubing left in hole. Parted with pin looking up. Attempts to recover fish failed. Approximate Length = 660'. Top of Fish estimated at approximately 2,182'. PERFS: SPF - # Holes <u>Zone</u> <u>Date</u> 2,510 - 2,513' **GB - METEX** 3' 2 spf - 6 holes. 04/15/84 2,546 - 2,548' 2' 2 spf - 4 holes **GB - METEX** 04/15/84 2,582 - 2,586' **GB - METEX** 4' 2 spf - 8 holes 04/15/84 2,626 - 2,628' **GB - METEX** 2' 2 spf - 4 holes 04/15/84 2,698 - 2,702' **GB - PREMIER** 4' 2 spf - 8 holes 04/15/84 **Production Csg: TOTALS:** -- 30 holes 5 1/2" 15.5# J-55 2,850' Csg 2,842' PBTD Csg Set @ 2,850' Cmt'd w/ 700 sx 2,850' TD Cumulative Prod. (04/30/14): Originally Drilled as TRAVIS D FEDERAL #1 by Anadarko Production Company. OIL 12.777 MBO GAS 11.989 MMCF

> WATER 78.316 MBW INJECT.

WELLBORE DIAGRAM (PRIOR TO P&A)

FISH Left in Hole - 12/18/2002: 22 Jts 2-3/8" Tbg with Pin looking.up - +/- 660' long.

HPS: 07/03/2014

MBW

Alamo Permian Resources, LLC

WELLBORE DIAGRAM

Lease/Well No.: TRAVIS "D" FEDERAL #021 ELEVATION, GL: 3,546.6 ft.

Location: 2,030' FSL & 760' FWL

UL: L, SEC: 17, T: 18-S, R:29-E

FIELD: LOCO HILLS: Queen-Grayburg-SA

EDDY County, NM

30-015-24709

LEASE No.: API No.: Federal NM-54183

Spudded: 3/30/1984

Drlg Stopped:

4/6/1984

Completed:

4/19/1984

ROTARY DRLG RIG

		TOPS	DEPTH, ft
• • • • •		SALT - Top	363
12-1/4" HOLE	TOC @Surface	SALT - Base	860
	Top-off w/cmt	YATES	940
Surface Csg:		SEVEN RIVERS	1,280
8-5/8" 28#	360' Csg	QUEEN	1,938
Csg Set @ 360'		GRAYBURG	2,310
Cmt'd w/ 260 sx	450'	METEX	2,503
+ 10 yds Readymix		PREMIER	2,640
Cmt Top-Off		SAN ANDRES	2,740

Set Cmt Plug in 5-1/2" Casing from 450' to Surface. Set Dry Hole Marker at surface.

AFTER P&A

Set CIBP @ approx. 2,150' (depending on top of Fish) & Dump 35' of Cement on Top of CIBP with wireline bailer.

7-7/8" HOLE

TOC @ Surface
Circulated 200 sx cmt

DURING WORKOVER: December 17-18, 2002

22 Joints of 2-3/8" tubing left in hole. Parted with pin looking up. Attempts to recover fish failed. Approximate Length = 660'. Top of Fish estimated at approximately 2,182'.

PERFS:	<u>Zone</u>	SPF - # Holes	Date		
2,510 - 2,513'	GB - METEX	3' 2 spf - 6 holes	04/15/84		
2,546 - 2,548'	GB - METEX	2' 2 spf - 4 holes	04/15/84		
2,582 - 2,586'	GB - METEX	4' 2 spf - 8 holes	04/15/84		
2,626 - 2,628'	GB - METEX	2' 2 spf - 4 holes	04/15/84		
2,698 - 2,702'	GB - PREMIER TOTALS:	4' 2 spf - 8 holes 15' 30 holes	04/15/84		
2,850' Csg					

2,842' PBTD

2,850' TD

Production Csg: 5 1/2" 15.5# J-55 Csg Set @ 2,850'

Cmt'd w/ 700 sx

Originally Drilled as TRAVIS D FEDERAL #1 by Anadarko Production Company.

FISH Left in Hole - 12/18/2002: 22 Jts 2-3/8" Tbg with Pin looking up - +/- 660' long.

Cumulative Prod. (04/30/14):

OIL 12.777 MBO
GAS 11.989 MMCF
WATER 78.316 MBW
INJECT. ---- MBW

HPS: 07/03/2014

TRAVIS "D" FEDERAL #021

WELL PERFORATION, ACID JOB, FRAC JOB, & WELL TEST DETAILS

PERFS			ACID JOB(S)			FRAC JOB(S)				INITIAL POTENTIAL TEST					
				ACID	ACID		FRAC FLUID	FLUID	SAND	SAND		TEST	OIL	GAS	WATER
<u>TOP</u>	BOTTOM	ZONE	DATE	GALS	<u>TYPE</u>	DATE	GALS	TYPE	LBS	SIZE	REMARKS	DATE	BOPD	MCFD	<u>BWPD</u>
2,510	2,513	GB - METEX	4/16/1984	600	20% NEFE HCI						Acid Breakdown	No Tests			
2,546	2,548	GB - METEX	4/16/1984	400	20% NEFE HCI						Acid Breakdown	No Tests			
2,582 2,626	2,586 2,628	GB - METEX GB - METEX	4/16/1984	1,200	20% NEFE HCI						Acid Breakdown	No Tests			
2,698	2,702	GB - PREMIER	4/16/1984	800	20% NEFE HCI					,	Acid Breakdown	No Tests			
2,510 2,546 2,582	2,513 2,548 . 2,586	GB - METEX GB - METEX GB - METEX	•			4/17/1984	40,000	Mini-Max III 40# X-Linked Gel	56,000 40,000	20/40 10/20	Frac'd All Zones Together	4/23/1984	56	41	60
2,626 2,698	2,628 2,702	GB - METEX GB - PREMIER													

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 <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.

- 2. <u>Motification:</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 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 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. 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. <u>Dry Hole Marker</u>: 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. <u>Subsequent Plugging Reporting:</u> 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. <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 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



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.
- 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.
- 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)

Solomon Hughes Natural Resource Specialist 575-234-5951

Jeffery Robertson Natural Resource Specialist 575-234-2230

Duncan Whitlock Environmental Protection Specialist 575-234-5926

Linda Denniston.
Environmental Protection Specialist 575-234-5974

Cody Layton Supervisory Multi Resources 575-234-5959

Trishia Bad Bear Natural Resource Specialist 575-393-3612

Amanda Lynch Natural Resource Specialist 575-234-5922

Jessie Rice Natural Resource Specialist 575-234-5913

Indra Dahal Natural Resource Specialist 575-234-5996

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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.

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 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.
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- 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.

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