Form 3160-5 (June 2019)

UNITED STATES

FORM APPROVED OMB No. 1004-0137 Expires: October 31, 2021

DEPARTMENT	OF	THE	INTERI	OR
BUREAU OF LA	ND	MAN	NAGEMI	ENT

5. Lease Serial No. NMNM86025

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

6. If Indian, Allottee or Tribe Name

	form for proposals to drill or to re Use Form 3160-3 (APD) for such p	ı				
SUBMIT IN	TRIPLICATE - Other instructions on page 2	7. If Unit o	7. If Unit of CA/Agreement, Name and/or No.			
1. Type of Well		8 Well Nar	ne and No			
Oil Well Gas V			ne and No. ARCO/3			
2. Name of Operator SOUTHWEST F	ROYALTIES INCORPORATED	9. API Well	No. 3001520633			
3a. Address 200 NORTH LORRAIN			d Pool or Exploratory Area			
The Carlotte of the Control	(432) 686-9927		RG/GRAYBURG or Parish, State			
4. Location of Well (Footage, Sec., T.,F SEC 17/T17S/R30E/NMP	C.,M., or Survey Description)	EDDY/N				
12. CHE	ECK THE APPROPRIATE BOX(ES) TO INDICA	ATE NATURE OF NOTICE, REPOR	T OR OTHER DATA			
TYPE OF SUBMISSION		TYPE OF ACTION				
Notice of Intent	Acidize Deepen	Production (Start				
		c Fracturing Reclamation	Well Integrity			
Subsequent Report	Casing Repair New Con	=	Other			
Final Abandonment Notice	Change Plans Plug and Convert to Injection Plug Back		ndon			
MIRU PU. POOH w/ rods & tbg. RU WL truck, RIH with CIBP and set @ 1600'. RU cementers, spotted 25 sks Class C cmt on top of CIBP. WOC 4 hrs. Tagged cmt @ 1240'-1600'. Test to 500 psi, held good. RU WL and perf @ 1000'. RU cementers, squeezed and spot 50 sks Class C cmt. WOC 4 hrs, tag plug @ 775'. RU WL and perf @ 606'. RU cementers, squeezed and spot 50 sks Class C cmt. WOC 4 hrs, tag plug @ 480'. RU WL and perf @ 60'. RU cementers and circulate 50 sk Class C cmt to surface. RD and released all equipment. ** Equipment move and surface reclamation to follow. **						
14. I hereby certify that the foregoing is LINDSAY LIVESAY Ph: (432) 207	strue and correct. Name (Printed/Typed) 7-3054 Tit	Regulatory Analyst				
Signature (udlaw	Luejan Da	te	05/27/2021			
	THE SPACE FOR FEDER	AL OR STATE OFICE USE	Accepted for record – NMOCD gc 1/31/2023			
Approved by			0-12-12-1			
JAMES A AMOS / Ph: (575) 234-5	5927 / Accepted	Acting Assistant Field Ma	nager 05/28/2021 Date			
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.						
Title 18 U.S.C Section 1001 and Title 4 any false, fictitious or fraudulent statem	3 U.S.C Section 1212, make it a crime for any potents or representations as to any matter within its	erson knowingly and willfully to makes jurisdiction.	e to any department or agency of the United States			

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Location of Well

0. SHL: SWNE / 1980 FNL / 1980 FEL / TWSP: 17S / RANGE: 30E / SECTION: 17 / LAT: 0.0 / LONG: 0.0 (TVD: 0 feet, MD: 0 feet)

Received by QCD: 1/17/2023 8:00:57 AM

U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sunary Print Reported 4 of 7

Well Name: ARCO Well Location: T17S / R30E / SEC 17 /

SWNE /

County or Parish/State: EDDY /

NM

Well Number: 3

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM86025

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152063300X1

Well Status: Abandoned

Operator: SOUTHWEST

ROYALTIES INCORPORATED

Subsequent Report

Sundry ID: 2389277

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 05/27/2021

Time Sundry Submitted: 08:41

Date Operation Actually Began: 05/20/2021

Actual Procedure: 05/20-24/2021: Notified BLM 05/19/2021 MIRU PU. POOH w/ rods & tbg. RU WL truck, RIH with CIBP and set @ 1600'. RU cementers, spotted 25 sks Class C cmt on top of CIBP. WOC 4 hrs. Tagged cmt @ 1240'-1600'. Test to 500 psi, held good. RU WL and perf @ 1000'. RU cementers, squeezed and spot 50 sks Class C cmt. WOC 4 hrs, tag plug @ 775'. RU WL and perf @ 606'. RU cementers, squeezed and spot 50 sks Class C cmt. WOC 4 hrs, tag plug @ 480'. RU WL and perf @ 60'. RU cementers and circulate 50 sk Class C cmt to surface. RD and released all equipment. ** Equipment move and surface reclamation to follow. **

SR Attachments

Actual Procedure

Arco_Federal__20210527084058

Received by OCD: 1/17/2023 8:00:57 AM

Well Name: ARCO

Well Location: T17S / R30E / SEC 17 /

SWNE /

County or Parish/State: EDDY /

MV

Well Number: 3

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM86025

Unit or CA Name:

Unit or CA Number:

US Well Number: 300152063300X1

Well Status: Abandoned

Operator: SOUTHWEST ROYALTIES INCORPORATED

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: LINDSAY LIVESAY

Name: SOUTHWEST ROYALTIES INCORPORATED

Signed on: MAY 27, 2021 08:41 AM

Title: Regulatory Analyst

Street Address: 200 NORTH LORAINE STREET, STE 400

City: MIDLAND

State: TX

Phone: (432) 207-3054

Email address: LLIVESAY@SWRPERMIAN.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Phone: 5752345927

Disposition: Accepted

Signature: James A. Amos

BLM POC Title: Acting Assistant Field Manager

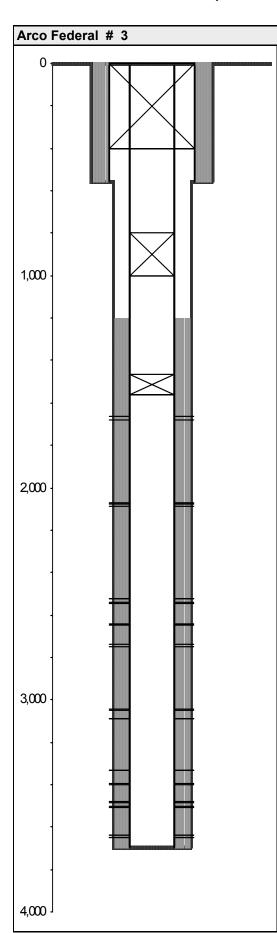
BLM POC Email Address: jamos@blm.gov

Disposition Date: 05/28/2021

Wellbore Schematic (From Surface to TD)

Printed: 5/16/2021

Page 1



Well ID: 10107	API # 30-01	5-20633	
1980 FNL and 1980 FEL	GL Elev: 3,671.00	KOP:	
		EOC:	
County, State: Eddy, NM		Fill Depth:	3,678
Aux ID:		PBTD:	3,691.00
'KB' correction: 10; All Depths Corr To: KB	ļ	TD:	3,697.00
		BOP:	

Hole Size

Diameter	Top At	Btm At	Date Drilled
12.2500	0.00	556.00	5/2/1972
7.8750	556.00	3,697.00	5/6/1972

Surface Casing						Date Ran:	5/2/1972
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing	14	8.6250	20.00		546.00	10.00	556.00

Production Casing String 1 Date Ra							5/6/1972
Description	#	Diameter	Weight	Grade	Length	Top At	Btm At
Casing		4.5000	10.50		270.00	10.00	280.00
Replace bad csg with patch & 10.5# csg							
Casing		4.5000	9.50		3,417.00	280.00	3,697.00

Cement

Top At	Btm At	I D	O D	TOC Per	# - Type	# Sx	Class	Wt.
0.00	556.00	8.625	12.250	Circ	10	100		
1,203.00	3,697.00	4.500	7.875	CBL	20	500		

Zone and Perfs

Sr-Q-G-Sa

Perforations

	•						
Тор	Bottom	Formation	Status	Opened	Closed	# / Ft	Ttl#
1,664.00	1,680.00		Α	12/9/2002			33
2,071.00	2,075.00	Queen	Α	10/14/1976			9
2,079.00	2,085.00	Queen	Α	10/14/1976			13
2,521.00	2,524.00	Loco Hills	Α	5/11/1972			6
2,542.00	2,548.00	Loco Hills	Α	5/11/1972			12
2,642.00	2,650.00	Metex	Α	5/11/1972			16
2,740.00	2,750.00	Premier	Α	5/11/1972			20
3,046.00	3,049.00	Jackson	Α	5/11/1972			6
3,087.00	3,090.00	Jackson	Α	5/11/1972			6
3,331.00	3,335.00	Lower San Andres	Α	5/11/1972			8
3,397.00	3,402.00	Lower San Andres	Α	5/11/1972			10
3,482.00	3,486.00	Keely	Α	5/11/1972			8
3,502.00	3,506.00	Keely	Α	5/11/1972			8
3,636.00	3,640.00	Sub Keely	Α	5/11/1972			8
3,648.00	3,652.00	Sub Keely	Α	5/11/1972			8

Wellbore Plugs and Junk

Тор	Bottom	Type	Diameter	Solid	Date	
0.00	400.00	Cement	8.625	Yes	5/14/2021	
Perf at @ 400',	Circ Class C Cm	t to Surface				
800.00	1,000.00	Cement	4.500	Yes	5/14/2021	
Perf at 1000', Sqz 50 sx Class C Cmt						
1,464.00	1,564.00	CIBP	4.500	Yes	5/14/2021	
Set CIBP @ 51	Set CIBP @ 5164' w/ 25 sx Class C Cmt					

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 176470

CONDITIONS

Operator:	OGRID:
SOUTHWEST ROYALTIES INC	21355
P O BOX 53570	Action Number:
Midland, TX 79710	176470
	Action Type:
	[C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/31/2023