

State of New Mexico
Energy, Minerals and Natural Resources Department

Susana Martinez
Governor

David Martin
Cabinet Secretary

Brett F. Woods, Ph.D.
Deputy Cabinet Secretary

Jami Bailey, Division Director
Oil Conservation Division



New Mexico Oil Conservation Division approval and conditions listed below are made in accordance with OCD Rule 19.15.7.11 and are in addition to the actions approved by BLM on the following 3160-4 or 3160-5 form.

Operator Signature Date: 7/29/14

Well information:

API WELL #	Well Name	Well #	Operator Name	Type	Stat	County	Surf. Owner	UL	Sec	Twp	N/S	Rng	W/E
30-045-22071-00-00	SCOTT	020	ENERGEN RESOURCES CORPORATION	G	A	San Juan	F	E	29	32	N	10	W

Application Type:

☒ P&A ☐ Drilling/Casing Change ☐ Recomplete/DHC
☐ Location Change ☐ Other:

Conditions of Approval:

Notify NMOCD 24hrs prior to beginning operations

Provide agencies CBL for review/approval prior to cementing

A handwritten signature in black ink, appearing to read "Brenda Pelt", is written over a horizontal line.

NMOCD Approved by Signature

8-15-14
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
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 page 2

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

ENERGEN RESOURCES CORPORATION

3a. Address

2010 Afton Place, Farmington, NM, 87401

3b. Phone No. (include area code)

505-325-6800

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

1625' FNL, 1185' FWL, Sec 29, T32N, R10W (E)

5. Lease Serial No.

SE 078604

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Scott 20

9. API Well No.

30-045-22071

10. Field and Pool, or Exploratory Area

Blanco Pictured Cliffs

11. County or Parish, State

San Juan NM

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

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Fracture Treat

☐ New Construction

☒ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☐ Other

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 recompleting 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 recompleting 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 final site is ready for final inspection.)

Energen Resources plans to plug and abandon the Scott #20 per the attached procedure.

This will be a closed loop operation. NMOC will be notified 24 hrs prior to commencing operation.

OIL CONS. DIV DIST. 3

AUG 14 2014

BLM'S APPROVAL OR ACCEPTANCE OF THIS ACTION DOES NOT RELIEVE THE LESSEE AND OPERATOR FROM OBTAINING ANY OTHER AUTHORIZATION REQUIRED FOR OPERATIONS ON FEDERAL AND INDIAN LANDS

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

Kyle Mason

Title District Engineer

Signature

Date 7/29/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Troy Salvors

Title

Petroleum Eng.

Date

8/13/2014

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

FFO

Title 18 U.S.C. Section 1001, and Title 43 U.S.C. Section 1212, makes 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.

NMOC

PLUG AND ABANDONMENT PROCEDURE

May 21, 2013

Scott #20

Undesignated Pictured Cliffs
1625' FNL and 1185' FWL, Section 29, T32N, R10W
San Juan County, New Mexico / API 30-045-22071
Lat: N _____ / Lat: W _____

Note: All cement volumes use 100% excess outside pipe and 50' excess inside. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures. All cement will be ASTM Class B, mixed at 15.6 ppg with a 1.18 cf/sx yield.

1. Project will require an approved Pit Permit (C-103) from the NMOCD.
2. Comply with all NMOCD, BLM and Energen safety rules and regulations. Conduct safety meeting for all personnel on location. MOL and RU daylight pulling unit. NU relief line and blow well down; kill with water as necessary. NU BOP and test.
3. This project requires the Operator to obtain an approved NMOCD C-144 CLEZ Closed-Loop System Permit for the use of an A-Plus steel tank to handle waste fluids circulated from the well and cement wash up.
4. Open bradenhead valve. Establish rate down 2.875" casing with 20 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow out the BH valve, then pump 20 - 7/8" RCN balls in additional water and monitor pressure and rate while pumping. Confirm that the perforations are taking water and there is not a casing leak. If the bradenhead flows water or there are other indications of a casing leak, then move rig on location and use 1 1/4" IJ tubing to plug the well.
5. Rods: Yes _____, No X, Unknown _____;
Tubing: Yes _____, No X, Unknown _____, Size _____, Length _____;
Packer: Yes _____, No X, Unknown _____, Type _____.
6. **Plug #1 (Fruitland interval, Kirtland, Ojo Alamo tops, 2933' – 1018')**: Establish rate into Fruitland perforations with water. Mix and pump total 74 sxs cement (long plug, 40% excess) and bullhead the down 2.875" casing: first pump 10 sxs cement, then drop 20 RCN balls, then pump 64 sxs cement and displace 1 bbl. Shut in well. WOC. Tag cement.
7. **Plug #2 (8.625" casing shoe, surface, 258' – 0')**: Perforate 2 squeeze holes at 258'. Establish rate into squeeze holes if the casing pressure tested. Establish circulation out bradenhead with water and circulate the BH annulus clean. Mix approximately 90 sxs cement and pump down the 2.875" casing to circulate good cement out bradenhead. Shut in well and WOC.
8. ND cementing valves and cut off wellhead. Fill 2.875" casing with cement as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Scott #20

Proposed P&A

Undesignated Pictured Cliffs

1625' FNL & 1185' FWL, Section 29, T-32-N, R-10-W, San Juan County, NM

Lat: N _____ / Long: W _____ / API #30-045-22071

Today's Date: 5/21/13
Spud: 11/11/76
Completed: 1/26/77
Elevation: 6021' GI

12.25" hole

8-5/8" 24#, KS Casing set @ 208'
Cmt with 177 cf (Circulated to Surface)

Perforate @ 258'

Plug #2: 258' – 0'
Class B cement, 90 sxs

TOC at 650' (T.S.)

Plug #1: 2933' – 1018'
Class B cement, 74 sxs

Ojo Alamo @ 1068' *est

Kirtland @ 1140' *est

Fruitland @ 2410' *est

Pictured Cliffs @ 2840'

Pictured Cliffs Perforations:
2845' – 2883'

7-7/8" Hole

2-7/8" 6.5#, J-55 Casing set @ 2972'
Cement with 832 cf

TD 2982'
PBD 2972'

Scott #20

Current

Undesignated Pictured Cliffs

1625' FNL & 1185' FWL, Section 29, T-32-N, R-10-W, San Juan County, NM

Lat: N _____ / Long: W _____ / API #30-045-22071

Today's Date: 5/21/13
Spud: 11/11/76
Completed: 1/26/77
Elevation: 6021' GI

12.25" hole

8-5/8" 24#, KS Casing set @ 208'
Cmt with 177 cf (Circulated to Surface)

TOC at 650' (T.S.)

Ojo Alamo @ 1068' *est

Kirtland @ 1140' *est

Fruitland @ 2410' *est

Pictured Cliffs @ 2840'

Pictured Cliffs Perforations:
2845' - 2883'

7-7/8" Hole

2-7/8" 6.5#, J-55 Casing set @ 2972'
Cement with 832 cf

TD 2982'
PBD 2972'

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE
6251 COLLEGE BLVD.
FARMINGTON, NEW MEXICO 87402

Attachment to notice of
Intention to Abandon:

Re: Permanent Abandonment
Well: Scott #20

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 564-7750.

Operator must run a CBL from 2933 ft., or as deep as possible, to verify cement top. Outside plugs may be revised, based on CBL result. Submit electronic copy of the log for verification to the following BLM address: tsalyers@blm.gov

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.