

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

NOV 09 2010

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)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1,850' ENL, 1,850' FWL, T26N R7W Sec. 30

5. Lease Serial No.

NMSE-078048

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No.

Hughes 15

9. API Well No.

30-039-06314

10. Field and Pool, or Exploratory Area  
South Blanco Pictured  
Cliffs

11. County or Parish, State

Rio Arriba 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

- |                                               |                                           |                                                    |                                         |
|-----------------------------------------------|-------------------------------------------|----------------------------------------------------|-----------------------------------------|
| <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Alter Casing         | <input type="checkbox"/> Fracture Treat   | <input type="checkbox"/> Reclamation               | <input type="checkbox"/> Well Integrity |
| <input type="checkbox"/> Casing Repair        | <input type="checkbox"/> New Construction | <input checked="" type="checkbox"/> Recomplete     | <input type="checkbox"/> Other          |
| <input type="checkbox"/> Change Plans         | <input type="checkbox"/> Plug and Abandon | <input type="checkbox"/> Temporarily Abandon       |                                         |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Plug Back        | <input type="checkbox"/> Water Disposal            |                                         |

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 recompleate 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 recompleation 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 recompleated the Hughes #15 according to the attached procedure:

RCVD NOV 23 '10

OIL CONS. DIV.

DIST. 3

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

Vicki Donaghey

Title Regulatory Analyst

Signature

Date 11/09/10

ACCEPTED FOR RECORD

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

NOV 19 2010

Approved by

Title

FARMINGTON FIELD OFFICE

Office

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 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.

NMOCD



**Energen Resources Corp.**

605 Richard Arrington Blvd.

Birmingham, AL 35205

(800) 292-4005

## Wellwork Chronological Report

<b>Well Name : HUGHES 15</b>							
Prospect:	BR			AFE #:	SJ10-190		
Sec/Twp/Rge:	30 / 26N / 7W			AFE Total:	\$156,277		
API #:	30039063140000	Field:	PICTURED CLIFFS	This AFE Cost:	\$135,291		
Work Type:	Re-Completion	County, St:	RIO ARRIBA, NM	Tot Assoc AFE's:	\$135,291		
Operator:	gen Resources Corp	Supervisor:	JOHN THOMPSON	Phone:	505.320.1748		
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0	
Job Purpose: RE-PERF & RE-STIMULATE THE PICTURED CLIFFS ZONE.							
<b>Wellwork Details</b>							
Date:	10/18/2010	Days:	1	DC:	\$1,600	CCC:	\$1,600
Activity:	Move Rig		Rig Name:	MESA #201			
Daily Report Summary :							
Daily Report Detail:		ROAD RIG FROM FIFIELD COM 800. SPOT RIG, WILL START OPERATIONS IN MORNING.					
Date:	10/19/2010	Days:	2	DC:	\$8,243	CCC:	\$9,843
Activity:	RUN BIT & SCRAPER		Rig Name:	MESA #201			
Daily Report Summary :							
Daily Report Detail:		RIG UP MESA #201 & RELATED SURFACE EQUIPMENT. FOUND WELL W/ SICP: 54 PSI & SITIP: 52 PSI. BLEED OFF PRESSURE. ND WH & NU BOP. FUNCTION TEST BOP. INSTALL 2-3/8" TBG SUB INTO DONUT. PULL DONUT & REMOVE. CHANGE OUT ELEVATORS & PIPE RAMS TO HANDLE 1-1/4" IJ TUBING. SPOT TUBING TRAILERS. PU ADDITIONAL TUBING & CHECK FOR FILL. TAG UP 45.54' BELOW WHERE TBG IS CURRENTLY LANDED. LAY DOWN EXTRA JTS. TOH W/ 66 JTS OF 1-1/4" IJ TBG & 1 EA. 1-1/4" IJ TAIL JT (W/ PINNED COLLAR ON BOTTOM). BASED ON TALLY, EOT WAS AT 2181' KB, TAGGED PBTD AT 2220' KB (NO FILL). PU 5-1/2" CSG SCRAPER W/ 4-3/4" BIT ON BOTTOM. INSTALL 2-3/8" 8 RD X 1-1/4" IJ CROSS OVER. RIH ON 1-1/4" IJ TBG TO PBTD AT 2220' KB. LAY DOWN 1-1/4" IJ TUBING WHILE TOH. CHANGE OUT RAMS & ELEVATORS TO HANDLE 3-1/2", N-80, EUE TBG. SWI, SECURE LOCATION & SDON.					
Date:	10/20/2010	Days:	3	DC:	\$15,787	CCC:	\$25,630
Activity:	RUN FRAC STRING		Rig Name:	MESA #201			
Daily Report Summary :							
Daily Report Detail:		FOUND WELL W/ SIP: 51 PSI. RU BASIN WIRELINE SERVICE. RIH W/ GR/CCL LOG. RUN LOG FROM 2204' TO 1000'. GR SHOWED PICTURED CLIFFS TOP AT ~ 2161' (SAME AS SP CURVE ON IND/SP OPENHOLE LOGS DATED 1957). RIH W/ 3-1/8" HSC PERF GUN AND PERFORATE THE PICTURED CLIFFS ZONE FROM 2165' - 2192' (28 FT), 4SPF, TOTAL OF 112 HOLES, EHD: 0.42". NOTE: PUMPED 20 BBL PAD OF 2% KCL DOWN CASING WHILE PERFORATING. RD & RELEASE WIRELINE TRUCK. PU WEATHERFORD 5-1/2" ARROWSET 10K PACKER & RIH ON 3-1/2", 9.3#, N-80 TUBING. ND BOP & STRIP OVER TUBING. INSTALL B-O2 COUPLER ASSEMBLY (SLEEVE & FLANGE). SPACE OUT & SET PACKER AT 2070' KB. SLACK OFF LEAVING PACKER IN ~ 14K COMPRESSION. NU B-O2 COUPLER TO 7-1/16"X8-1/4" WELLHEAD FLANGE. LOAD 3-1/2"/5-1/2" ANNULAR SPACE W/ 24 BBLS OF WATER. PRESSURE UP TO 500 PSI FOR 5 MINS, TEST GOOD. INSTALL 10K FRAC VALVE W/ FRAC "Y" ON TOP OF B-O2 COUPLER FLANGE. RD RIG & EQUIPMENT. WILL SET FLOWBACK TANK AND 2 EA. 400 BBL FRAC TANKS. FRAC SCHEDULED FOR OCTOBER 28, 2010. OFF REPORT UNITL FRAC.					

Well Name : HUGHES 15									
Prospect:	BR				AFE #:	SJ10-190			
Sec/Twp/Rge:	30 / 26N / 7W				AFE Total:	\$156,277			
API #:	30039063140000	Field:	PICTURED CLIFFS		This AFE Cost:	\$135,291			
Work Type:	Re-Completion	County, St.:	RIO ARRIBA, NM		Tot Assoc AFE's:	\$135,291			
Operator:	gen Resources Corpor	Supervisor:	JOHN THOMPSON		Phone:	505.320.1748			
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0			
Job Purpose:	RE-PERF & RE-STIMULATE THE PICTURED CLIFFS ZONE.								
Date:	10/28/2010	Days:	11	DC:	\$70,638	CCC:	\$96,268	CWC:	\$96,268
Activity:	Frac & Flow back			Rig Name:	MESA #201				
Daily Report Summary :									
Daily Report Detail:	<p>RU BJ SERVICES &amp; HOLD SAFETY MEETING. PRESSURE TEST PUMPS AND LINES TO 4500 PSI. SPEARHEAD 1000 GAL OF 15% HCL ACID AT 5 BPM. FOLLOW ACID W/ 5855 GAL PAD OF 20# X-LINK 70Q FOAM AT 35 BPM (DH RATE). FRAC WELL W/ 5000 LBS OF 100 MESH SAND AT 1 PPG, FOLLOWED BY 80,000 LBS OF 20/40 AZ SAND PUMPED IN 1, 2, 3 &amp; 4 PPG STAGES. PUMPED SAND IN 20# X-LINK 70Q FOAM. ATP: 1359 PSI, MTP: 1931 PSI. AIR: 34.6 BPM (DH RATE), MIR: 35.2 BPM (DH RATE). JOB COMPLETE AT 14:15 HRS 10/28/2010. ISDP: 1042 PSI, 5 MIN: 912 PSI, 10 MIN: 883 PSI, 15 MIN: 870 PSI. TOTAL FLUID TO RECOVER: 405 BBLS. SWI. RD BJ SERVICES. RU FLOWBACK LINES. START FLOWBACK THRU 1/8" CHOKE AT 16:00 HRS. INITIAL PRESSURE WAS 800 PSI. WELL UNLOADING BROKEN GEL &amp; N2 TO FLOWBACK TANK. TURN OVER TO NIGHT WATCH.</p> <p>FLOWBACK:</p> <p>16:00 - 18:00 HRS PRESSURE DOWN TO 210 PSI, UNLOADING OF BROKEN GEL, RECOVERED 13.5 BBLS OF FLUID</p> <p>18:00 - 21:00 HRS PRESSURE DOWN TO 50 PSI, UNLOADING SLUGS OF BROKEN GEL, RECOVERED 24 BBLS OF FLUID.</p> <p>21:00 - 06:00 (10/29/2010) PRESSURE DOWN TO 0 PSI, MOSTLY VENTING GAS, OCCASIONAL SLUG OF WATER, RECOVERED 13 BBLS OF FLUID.</p> <p>SWI AT 06:00 HRS 10/29/2010. RECOVERED A TOTAL OF 50.5 BBLS OF FLUID, STILL HAVE ~ 354 BBLS OF LOAD TO RECOVER.</p> <p>WAITING ON RIG TO START CLEANING OUT.</p>								
Date:	11/1/2010	Days:	15	DC:	\$9,641	CCC:	\$105,909	CWC:	\$105,909
Activity:	LAY DOWN FRAC STRING			Rig Name:	MESA #201				
Daily Report Summary :									
Daily Report Detail:	<p>ROAD RIG FROM PHILLIPS 3F. MOVE ON TO LOCATION &amp; RIG UP. SPOT PUMP, PIT &amp; POWER SWIVEL SKID. SPOT FLOAT FOR FRAC STRING. FOUND WELL W/ 70 PSI. BLEED OFF PRESSURE TO FLOWBACK TANK. ND FRAC VALVE &amp; B-O2 COUPLING ASSEMBLY. PU 3-1/2" SUB &amp; SCREW INTO B-O2 COUPLER. RELEASE PACKER &amp; LET WELL EQUALIZE. STRIP ON BOP (DRESSED W/ 3-1/2" PIPE RAMS). TOH, LAYING DOWN 3-1/2" FRAC STRING &amp; WEATHERFORD 5-1/2" CASING PACKER. CHANGE OUT TRAILER W/ 3-1/2" FRAC STRING &amp; HANDLING TOOLS &amp; SPOT IN TRAILER W/ 2-3/8" TUBING. MOVE IN HURRICANE AIR/FOAM UNIT &amp; RU. CHANGE OUT PIPE RAMS &amp; READY RIG TO RUN 2-3/8" TUBING. SWI, SECURE LOCATION &amp; SDON.</p>								
Date:	11/2/2010	Days:	16	DC:	\$6,679	CCC:	\$112,588	CWC:	\$112,588
Activity:	Clean Out W/ AIR-MIST			Rig Name:	MESA #201				
Daily Report Summary :									
Daily Report Detail:	<p>FOUND WELL W/ 10 PSI. BLEED OFF PRESSURE. PU 4-3/4" BIT &amp; BIT SUB. TIH ON 2-3/8", J-55, 4.7#. EUE NEW TUBING (TALLY AND DRIFT WHILE PU TBG OFF TRAILER). TAG UP ON SAND/FILL @ 2141' KB. BREAK CIRCULATION W/ ~ 1200 SCFM OF AIR W/ 10 BWPH MIST (W/ 1 GAL OF SOAP &amp; 1 GAL OF CORROSION INHIBITOR) ADDED AT 1 GPH). PRESSURE INCREASED TO 700 PSI BEFORE WELL UNLOADED, THEN DROPPED DOWN TO 350 PSI. CLEANED OUT DOWN TO 2235' KB (NOTE: PBDT REPORTED TO BE AT 2220' KB). BLOW HOLE W/ AIR MIST FOR ~ 4 HRS. INITIALLY, SAND RETURNS WERE HEAVY TO MODERATE (1/4 TO 1/2 BUCKET) BUT SLOWLY DIMINISHED (1 TO 2 CUPS). PUMPED 2 BBL SOAP SWEEP &amp; PULLED UP TO 2117' KB (STRING FLOAT). SD AIR &amp; LET WELL FLOW NATURALLY FOR 1 HR. TIH AND TAG 20' OF SAND. BRING AIR/MIST BACK ONLINE &amp; CLEAN OUT DOWN TO 2235' KB. PUMPED 2 BBL SOAP SWEEP AND PULLED UP TO 2117' KB (STRING FLOAT). SWI, SECURE LOCATION &amp; SDON.</p>								

<b>Well Name : HUGHES 15</b>									
Prospect:	BR				AFE #:	SJ10-190			
Sec/Twp/Rge:	30 / 26N / 7W				AFE Total:	\$156,277			
API #:	30039063140000	Field:	PICTURED CLIFFS		This AFE Cost:	\$135,291			
Work Type:	Re-Completion	County, St:	RIO ARRIBA, NM		Tot Assoc AFE's:	\$135,291			
Operator:	gen Resources Corpor	Supervisor:	JOHN THOMPSON		Phone:	505.320.1748			
Production Current/Expected	Oil:	0 / 0	Gas:	0 / 0	Water:	0 / 0			
Job Purpose: RE-PERF & RE-STIMULATE THE PICTURED CLIFFS ZONE.									
Date:	11/3/2010	Days:	17	DC:	\$5,883	CCC:	\$118,471	CWC:	\$118,471
Activity:	flow back and clean out			Rig Name:	MESA #201				
Daily Report Summary :									
Daily Report Detail: FOUND WELL W/ 75 PSI. BLEED OFF PRESSURE TO FLOWBACK TANK. TIH & TAG SAND/FILL, 15' OF FILL. BRING AIR/MIST ON LINE (~ 1200 SCFM OF AIR W/ 10 BWPH MIST W/ 1 GAL OF SOAP & 1 GAL OF CORROSION INHIBITOR ADDED AT 1 GPH). CLEAN OUT SAND DOWN TO 2235' KB. BLOW WELL FROM 2235' & PUMP 3 BBL SOAP SWEEPS EVERY 45 MIN. WELL MAKING MODERATE TO LIGHT SAND (1 - 3 CUPS OF SAND). CUT MIST & DRY UP HOLE. PULL UP TO 2117' KB. INSTALL 1/2" CHOKE IN FLOW LINE & LET WELL FLOW NATURALLY FOR 1 HR. FLOW RATE INCREASED FROM 50 MCFD TO 113 MCFD. TIH AND TAG 7' OF SAND/FILL. BRING AIR/MIST ONLINE AND CLEAN OUT DOWN TO 2235'. BLOW HOLE FOR 30 MIN. WELL STILL MAKING LIGHT SAND (1 TO 2 CUPS OF SAND). CUT MIST & DRY UP HOLE. PULL UP TO STRING FLOAT AT 2117' KB. INSTALL 1/2" CHOKE AND LET WELL FLOW NATURALLY FOR 2.5 HRS. DRY GAS - NO SAND. FLOW RATE WENT FROM ~ 115 MCFD TO 75 MCFD. SWI, SECURE LOCATION & SDON.									
Date:	11/4/2010	Days:	18	DC:	\$16,820	CCC:	\$135,291	CWC:	\$135,291
Activity:	Clean Out/ Run Prod tubing			Rig Name:	MESA #201				
Daily Report Summary :									
Daily Report Detail: FOUND WELL W/ SICP: 72 PSI. BLEED OFF PRESSURE & TIH. TAG 12' OF FILL. BRING AIR/MIST ON LINE & CLEAN OUT DOWN TO 2235'. BLOW HOLE FOR 2 HRS. WELL MAKING LITTLE TO NO SAND. CUT MIST & DRY UP HOLE. TOH. LAY DOWN BIT & BIT SUB. TIH W/ PRODUCTION STRING AS FOLLOWS: 15' X 2-3/8" CUT OFF TAIL JT, SN & 68 JTS (2142.90') OF NEW 2-3/8", 4.7#, EUE, J-55 TUBING. INSTALL DONUT & LAND TUBING IN WELL HEAD. EOT AT 2168', SN AT 2152'. ND BOP & NU WH. BRING AIR ON LINE AND BLOW WELL AROUND (DOWN CASING & UP TUBING). BLOW WELL W/ AIR ONLY FOR 30 MIN. SHUT DOWN AIR PACKAGE & LET WELL FLOW THRU 2" TO FLOW BACK TANK. SWI. RD RIG, AIR PACKAGE & ALL RELATED SURFACE EQUIPMENT. RIG MOVING TO DONAHUE #3. REMAINING EQUIPMENT MOVED OFF LOCATION (SENT BACK TO TOWN). FINAL REPORT.									