Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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 reverse side.

5. Lease Serial No.
NMSF078277

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
NMNM78415B

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
SJ 29 5 55

2. Name of Operator
CONOCOPHILLIPS COMPANY
Contact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conocophillips.com

9. API Well No.
30-039-20458-00-C1

3a. Address
P O BOX 2197 WL 6106
HOUSTON, TX 77252

3b. Phone No. (include area code)
Ph: 832.486.2326
Fx: 832.486.2764

10. Field and Pool, or Exploratory
BASIN
BLANCO MESAVERDE

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 18 T29N R5W SWSW 1100FSL 860FWL
36.72133 N Lat, 107.40416 W Lon

11. County or Parish, and State
RIO ARRIBA COUNTY, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
☒ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
☐ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☒ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ 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 recomplete 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 recompletion 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 site is ready for final inspection.)

ConocoPhillips requests approval to repair casing in this well as per the attached.

FEB 2005

CONDITIONS OF APPROVAL
Adhere to previously issued stipulations.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #53872 verified by the BLM Well Information System
For CONOCOPHILLIPS COMPANY, sent to the Farmington
Committed to AFMSS for processing by MATTHEW HALBERT on 02/22/2005 (05MXH0408SE)

Name *(Printed/Typed)* DEBORAH MARBERRY — Title SUBMITTING CONTACT

Signature (Electronic Submission) — Date 02/08/2005

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title Petr. Eng Date 2/25/05

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

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.

**** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ****

ConocoPhillips

San Juan Workover Procedure

'Our work is never so urgent or important that we cannot take time to do it safely.'

WELL: San Juan 29-5 #55 (MV/DK)

Objective: Casing Repair
WELL DATA:

API: 3003920458
Location: Sec/Tn/Rg: Sec 18(M), T-29N, R-5W
Lat: 36deg 43' 16.7844"N Long: 107deg 24' 15.1128"W

Elevation: GLM 6593' KBM 6606'
TD: 8026'
PBTD: 8015'
Perforations: MV – (4304' – 6022') DK – (7869' – 8006')

PROCEDURE:
All plunger lift equipment will be removed from the tubing, before the scheduled rig arrival. If plunger lift equipment cannot be removed, a wireline slip stop will be set above equipment,, to make sure equipment cannot come to surface, while working tubing string.

Ensure that well is shut in, energy isolated, locked and tagged out; Cathodic protection disconnected. Record SI tbg; SI csg: Braidenhead pressures.

Objective: Eliminate communication between the 4.5" casing and 4.5" X 7" annulus; possible causes are: a casing leak or wellhead seal leak.

Note: All cement for squeezing will be ASTM Type III, mixed at 14.8 ppg with a 1.32 cf/sx yield. Notify the BLM before any doing any cementing work, .
Minimize the use of pipe dope during workover operations to protect the formations.

1. Notify Lease Operator: __Ryan O'nan__, 505-320-1175_. Determine if well is equipped with a piston. Have lease operator remove piston or if necessary have slick line unit recover piston and BH spring assembly.

2. Set and fill water tank with 2% KCL fluid. Place biocide and scale inhibitor (Techni-hib 763) in the water tank with the first load.

3. Install and test location rig anchors. Set flowback tank. Comply with all NMOCD, BLM, and ConocoPhillips safety regulations. MOL and RU daylight pulling unit.

4. **Conduct safety meeting for all personnel on location**. Complete JSA as appropriate for the work at hand.

5. Blow well down and if necessary, kill well with 2% KCL water. DO NOT USE FRESH WATER. ND tree, install BPV, and NU BOP. Test BOPE to 250# low and 2500# high.

6. POH with 244 joints 2.375" tubing. Visually inspect tubing and note any corrosion or scale; (7938' total tubing in well).

7. Round-trip 4.5" casing scraper to 4300'. TIH and set 4.5" RBP at 4300'. Load the casing with 2% KCl water. Then pressure test the 4.5" casing to 800#. If casing leaks, then isolate casing / wellhead leak with a packer (and an additional RBP if necessary).

8. After determining the cause of the communication between the 4.5" casing and the 7" annulus, contact the Engineer for squeezing or repair recommendations. If the casing annulus is squeezed with cement, attempt to bring cement to surface out the intermediate casing valve.

9. Drill out the cement and clean out to the RBP. TOH with the bit and then TIH with a 4.5" casing scraper to 1' above the RBP. Circulate the well with clean 2% KCl water. TOH with scraper.

10. TIH and retrieving head and circulate well clean above the RBP. Release RBP and TOH.

11. Make up muleshoe collar and F nipple. TIH with 2.375" tubing to 7938 +/- KB and land tubing hanger. Note: Have expendable check on location and if necessary due to well flowing, run the expendable check below the F nipple. **Note: Apply pipe dope to pin ends only and minimize amount used.**

12. ND BOP and NU wellhead and flow line.

13. If necessary swab well to kick off production. If expendable check used, load tubing with 2% inhibited KCL and blow off expendable check.

14. RD and MOL. Return well to production.

Notify cathodic protection personnel after job is complete so cathodic protection equipment can be re-activated. Ensure pit closures done.

Engineer: ___Craig Moody___ (Phone contact #'s on attached list)

Attachments:
Well Direction/emergency Sheet
Wellview schematic
Wellview group listing
Tubing drift check procedure for Plgr wells
Phone Contact list

(refer to cost breakout in DSM)

EMERGENCY RESPONSE SHEET

Well Name: SaN Juan 29-5 #55

Emergency Coordinates:

Sec/Tn/Rg: Sec 18(M), T-29N, R-5W
Lat: 36deg 43' 16.7844"N Long: 107deg 24' 15.1128"W

Driving Directions: (Proj Leader to provide, if blank)

EAST FROM BLANCO ON HWY 64 TO NM 527. TURN LEFT AND DRIVE .9 MILE PAST THE 1 MILE MARKER. TURN LEFT AND FOLLOW TO LOCATION.

Prior to each wellsite operation, a pre-job safety meeting should be held with all personnel on location. ConocoPhillips safety requirements, contingency plans, procedures, equipment layout and hook-up, and all other safety concerns should be discussed thoroughly before the job begins in JSA. Additionally, ensure any and all equipment has proper certification, pressure ratings and compliant inspections. Occurrence of PJSA shall be recorded in Wellview

All personnel arriving on location shall check-in with Project Leader or Rig Supervisor. No additional personnel will be allowed on location post-safety meeting after or during operation discussed in safety meeting has commenced.

No jewelry, of any kind, including watches, is allowed on location.

When spotting equipment on location, only one piece of equipments may move at a time with two ground men as spotters required.

No smoking is allowed on location. Rig area shall be posted with no-smoking signs. Additionally, no person may have matches, lighters, pipes cigarettes or cigars on his person while on location. Project Leader will determine if off-location smoking may be permitted during operations. If off-site smoking is allowed, Project Leader will designate and communicate location of smoking area

All practices and guidelines contained in the hPhillips Well Control Manual and hConoco North America Fracturing Standards Manual are to be followed unless prior approved written exceptions are provided.

EMERGENCY RESPONSE INFORMATION

Air Care 1 (see required information below)	911
Ambulance	911
Fire	911
New Mexico State Police	911
San Juan County Sheriff	911

Rio Arriba County Sheriff	(505) 588 - 7271
United States Forest Service	(505) 632 - 2956
Bureau of Land Management	(505) 599 - 6316
N. M. Oil Conservation Division	(505) 334 - 6178
San Juan Regional Medical Center	(505) 325 - 5011
San Juan Fire Dispatch	(505) 334-6622

Required Information for Air Care 1

1. Your name
2. Company Name.
3. Cellular number or 2-way radio frequency of someone at the scene.
4. Wind direction and weather conditions at the scene.
5. Type of landing site (location, road, etc.) and any obstacles at landing site.
6. Location in degrees and minutes (above and cover page).
7. Location of scene in relation to landing site (approximate distance and direction).
   "Scene is approximately _____ feet in a _____ direction from landing site"
8. Number and condition of injured persons and type of injuries.
9. Condition of location (do hazards still exist?).

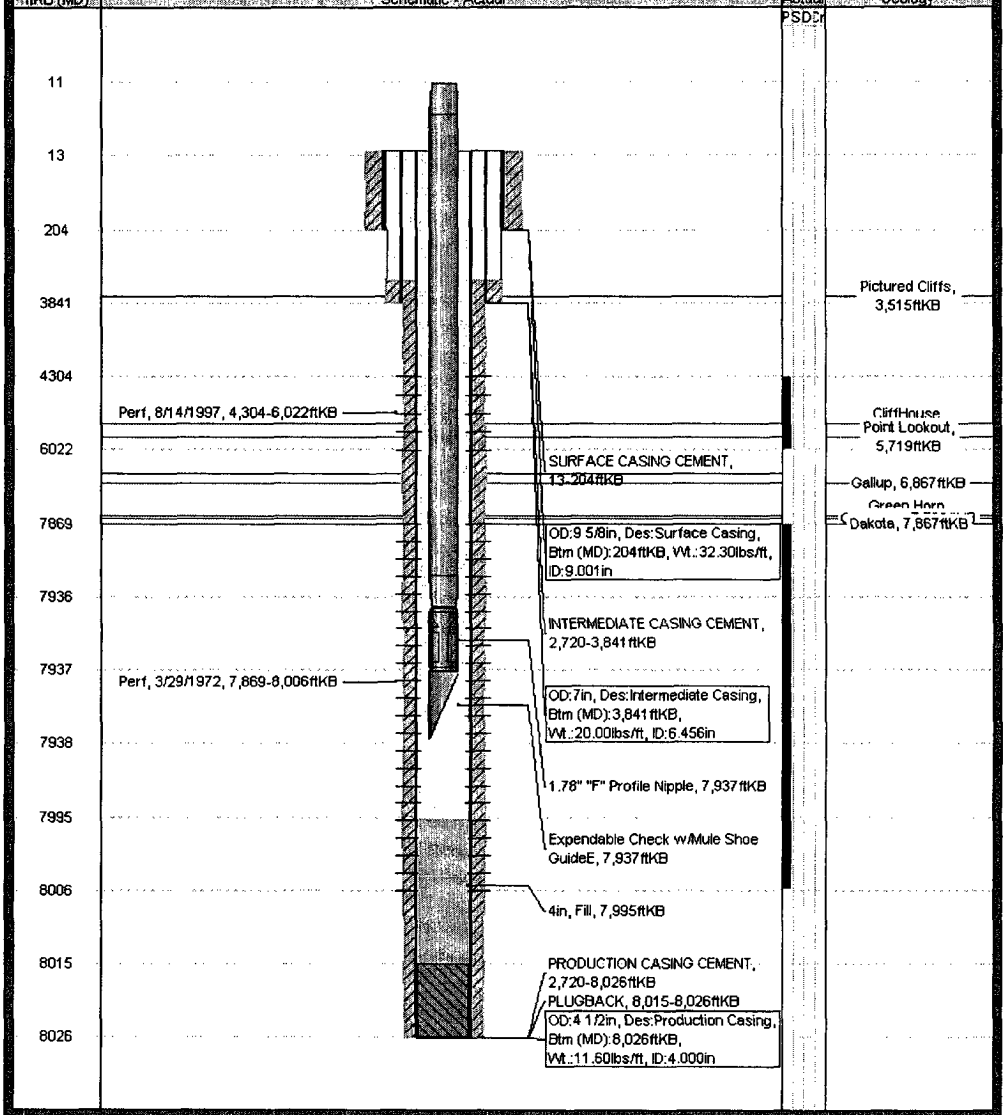
SAN JUAN 29 5 UNIT #055

Current Schematic

API/UWI	Field Name	Area	Operator	County	State/Province
300392045800	BLANCO MESAVERDE	CENTRAL	PHILLIPS PETROLEUM CO	RIO ARRIBA	NEW MEXICO

Kb Elevation (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	Kb-Ground Distance (ft)	Kb-Casing Flange Distance (ft)	Spud Date
6606.00	6593.00		13.00		3/2/1972

Main Hole (0 - 2448.6): 6/25/2004



SAN JUAN 29 5 UNIT #055

GROUP LIST

API/UWI	Field Name	Area	Operator	County	State/Province
3003920458000	BLANCO MESAVERDE	CENTRAL	PHILLIPS PETROLEUM CO	RIO ARRIBA	NEW MEXICO

KB Elevation (ft)	Ground Elevation (ft)	Casing Flange Elevation (ft)	KB-Ground Distance (ft)	KB-Casing Flange Distance (ft)	Spud Date
6605.00	6593.00		13.00		3/2/1972

Wellbore Sections

Start Date	End Date	Size (in)	Top (ftKB)	Btm (ftKB)
2/3/1972	2/3/1972	12 1/4	13.0	204.0
2/3/1972	2/9/1972	8 3/4	204.0	3,841.0
2/9/1972	2/14/1972	6 1/4	3,841.0	8,026.0

Casing: Surface Casing, 204.0ftKB

Item Des	Btm (ftKB)	Jts	ID (in)	Wt (lb/ft)	Grade	Top Thread
Casing Joints	204.0		9.001	6,171.4	H-40	
Casing Joints	8,026.0		4.000	92,982.6	J-55	
Casing Joints	3,841.0		6.456	76,586.2	K-55	

Cement: SURFACE CASING CEMENT, casing, 2/3/1972 00:00

Top (ftKB)	Bottom (ftKB)	Comment
8,015.0	8,026.0	
2,720.0	8,026.0	Comment: CEMENT WITH 663 FT3 CMNT TOC DETERMINED BY TEMP SURVEY
13.0	204.0	Comment: CEMENT CIRCULATED TO SURFACE
2,720.0	3,841.0	Comment: CEMENT WITH 283 FT3 CMT TOC DETERMINED BY TEMP SURVEY

Perforations

Date	Top (ftKB)	Btm (ftKB)	Zone	Current Status	Cen Sz (in)	Shot Total	Phasing (°)	Comment
8/14/1997 00:00	4,304.1	6,022.0						
3/29/1972 00:00	7,869.1	8,005.9						

Stimulations & Treatments: SWF on 3/5/1972

Date	Type	Proppant Frm (lb)	Comment
3/31/1972	SWF		

Stimulations & Treatments: SWF on 8/16/1997

Date	Type	Proppant Frm (lb)	Comment
8/16/1997	SWF		

Tubing: Tubing - Production set at 7,938.3ftKB on 6/25/2004 08:00

Run Date	Tubing Description	Btm (ftKB)	Pull Date	Comment
6/25/2004 08:00	Tubing - Production	7,938.3		

Tubing Components

Item Des	Top (ftKB)	Btm (ftKB)	Jts	OD (in)	ID (in)	Wt (lb/ft)	Grade
Tubing	11.0	7,936.5	244	2 3/8	1.995	4.70	J-55
1.78" "F" Profile Nipple	7,936.5	7,937.3		2 3/8			
Expendable Check w/Blank Stop Guide	7,937.3	7,938.3		2 3/8			

Other In Hole

Des	Top (ftKB)	Btm (ftKB)	Comment
Fill	7,995.0	8,015.0	

Tubing Drift Check

Procedure

SAFETY NOTE: To conform to COPC well control manual, Sec 6.1, a barrier is required prior to performing below procedure. Where air units are being used, an expendable check is recommended; otherwise, a wireline set plug in profile nipple is recommended.

1. Set flow control in tubing. With air, on location, use expendable check. With no air on location, use wireline plug.

2. RU drift tool to a minimum 70' line. Drift tool will have an OD of at least the API drift specification of the tubing. (ie - 2-3/8",EUE,4.7# tbg drift = 1/901"), and will be at least 15" long. The tool will not weigh more than 10# and will have an ID bore the length of the tool, so fluids may be pumped through the tool if it becomes stuck.

3. Drop the tool into the tubing string and retrieve it after every 2 joints of tubing ran in hole. If any resistance to the tool movement is noticed, going in or out, that joint will be replaced.

4. In order to simulate the plunger lift operation, all equipment must be kept clean and free of debris.

The drift tool should be measured with calipers before each job, to ensure the OD is the correct size for the tubing being checked. The maximum allowable wear of the tool is .003"

ConocoPhillips

San Juan Workover Procedure

CONTACT LIST

Name	Title	Work	Home	Cell
Piotrowicz, Greg M.	Production Engr (North Conv)	832-486-3486		
Steve Skinner	Production Engr (South Conv)	832-486-2651		281-785-1005
Craig Moody	Production Engr (Central Conv)	832 486 2334		281-744-6205
Pat Bergman	Production Engr (Coal)	832-486-2358		281-346-1487
Jeremy Ensz	Production Engr (Coal)	832-486-2254		713-870-1839
Ben Landry	Production Engr (Field-Conv)	505-599-3423		
J.D.Barnett	Production Engr (Field-Coal)	505-599-3415		
Eric Fransen	Project Supervisor	599-3450	334-0812	320-3550
Mark Goodrich	Materials	599-3431	326-1944	599-7471(p)
Harry Dee	Construction/Maintenance	599-3412	325-8432	320-3429
Larry Brooks	Cathodic Protection	599-3453	334-8054	320-2086
Tom Lentz	Op Supv (Central)	599-3452	325-3119	320-4636

Jerry Loudermilk	Op Supv (North)	599-3445	326-4064	320-0452
Terry Bowker	Op Supv (South)	599-3448	334-1035	320-2600

OTHER NON-COPC NUMBERS

Company	Contact	Phone	Cell
Key Energy	Larry Lewis	327-4935	
Blue Jet	Danny Seip	325-5584	
Key (water hauling)	H.C. Putnam	327-0416	486-2100
Synergy	Glen Papp	327-8798	330-1582
Oil Conservation Division		334-6178	
BLM		599-6316	

Safety

Safe operations are of utmost importance at all ConocoPhillips properties and facilities. To further this goal, the Project Lead and/or rig Toolpusher at the location shall conduct tailgate safety meetings prior to initiation of work, following each change in tour (to review all operations projected during the tour), and also prior to any critical operations. These tailgate safety meetings shall be attended by all Company, contract and service personnel then present at the location. All parties shall review proposed upcoming steps, procedures and potentially hazardous situations. Occurrence of these meetings shall be recorded in the Daily Report.

All personnel arriving on location shall check in with the Project Lead or rig toolpusher. Safety glasses, hard hats and hard-soled shoes will be worn on location.

No Smoking is allowed on location. The Project Lead will set up a designated smoking area. No individual should have matches, lighters, pipes, cigarettes, or cigars on his person within 75 feet of the well.

Rig area shall be posted with no-smoking signs.

All practices and guidelines contained in the ConocoPhillips Well Control Manual are to be followed unless written exceptions are provided. Note: Wells capable of flowing less than 500 MCFD (Category 1) to atmosphere will require one untested barrier, those wells capable of flowing between 500 MCFD and 3000 MCFD (Category 2) to atmosphere will require two untested or one tested barrier, per the ConocoPhillips Well Control Manual.

Emergency/helicopter response information is attached, including driving directions.