

District I - (505) 393-6161
1625 N. French Dr. Hobbs, NM 88240
District II - (505) 748-1283
1301 W. Grand Avenue, Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road, Aztec, NM 87410
District IV - (505) 476-3440
1220 S. St. Francis Dr., Santa Fe, NM 87505

Energy Minerals and Natural Resources Department

Form C-140
Revised 06/99

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505
(505) 476-3440

SUBMIT ORIGINAL
PLUS 2 COPIES
TO APPROPRIATE
DISTRICT OFFICE

APPLICATION FOR
WELL WORKOVER PROJECT

I. Operator and Well

Operator name & address Conoco Inc. P. O. Box 1267 Ponca City, OK 74604						OGRID Number 005073 Conoco CMPL 1994507 Conoco CMPL 1885271 Conoco CMPL 1994505			
Contact Party Marti Johnson						Phone 580-767-2451			
Property Name San Juan 28-7 Unit (Well 49)						Well Number 49		API Number 300390738200	
Section 21	Township 28N	Range 7W	Feet From The 969	North/South Line North	Feet From The 1550	East/West Line East	County Rio Arriba		

II. Workover

Date Workover Commenced: 05/14/2001	Previous Producing Pool(s) (Prior to Workover): Blanco Mesaverde
Date Workover Completed: 05/31/2001	

- III. Attach a description of the Workover Procedures performed to increase production. **Recompletion to new formations Basin Fruitland Coal and Blanco Pictured Cliffs now well is trimingled please see attached.**
- IV. Attach a production decline curve or table showing at least twelve months of production prior to the workover and at least three months of production following the workover reflecting a positive production increase. **Well tabulation is attached.**
- V. AFFIDAVIT:

State of Oklahoma)
County of Kay) ss.
_____, being first duly sworn, upon oath states:

- I am the Operator, or authorized representative of the Operator, of the above-referenced Well.
- I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.
- To the best of my knowledge, this application and the data used to prepare the production curve and/or table for this Well are complete and accurate.

Signature Marti Johnson Title Consultant Date 5/22/02
SUBSCRIBED AND SWORN TO before me this May - 22, 2002 day of

My Commission expires: 05-09-2006

OKLAHOMA NOTARY PUBLIC
LAURIE TAPP
KAY COUNTY Notary Public Laurie Tapp

FOR OIL CONSERVATION DIVISION USE ONLY:

VI. CERTIFICATION OF APPROVAL:

This Application is hereby approved and the above-referenced well is designated a Well Workover Project and the Division hereby verifies the data shows a positive production increase. By copy hereof, the Division notifies the Secretary of the Taxation and Revenue Department of this Approval and certifies that this Well Workover Project was completed on 05-31, 2001.

Signature District Supervisor <u>Charles T. H...</u>	OCD District <u>AZtec III</u>	Date <u>6-19-2002</u>
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VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

5/31/01

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.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. SF-078417
2. Name of Operator CONOCO INC.		6. If Indian, Allottee or Tribe Name
3a. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 970.385.9100 Ext: 125 Fx: 970.385.9107		8. Well Name and No. SAN JUAN 28-07 UNIT 49
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 21 T28N R7W Mer NWNE 289FNL 1550FEL 96A		9. API Well No. 30-039-07382
		10. Field and Pool, or Exploratory BLANCO PC S / FTC / MV
		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			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> STARTUP
	<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 recompleat 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 recompleat 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.)

FOR ADDITIONAL INFORMATION ON THE BLANCO PICTURED CLIFFS SOUTH AND BASIN FRUITLAND COAL COMPLETIONS, PLI REPORT WITH DAILY DETAILS. THIS WELL IS NOW TRIMINGLED (DHC# 2830 WITH THE FRUITLAND COAL, PICTURED CLIFFS A VERDE.

7115072 1885271 MV 1159739 F, P, S 3910 1865844
7150185 1994507 FC 1159722 F, P 3910 1865844
7150311 1994505 PC not in ONGARD

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6450 verified by the BLM Well Information System For CONOCO INC., sent to the Farmington Committed to AFMSS for processing by Lucy Bee on 08/20/2001 ()	
Name (Printed/Typed) DEBRA SITTNER	Title AUTHORIZED REPRESENTATIVE
Signature	Date 08/15/2001
THIS SPACE FOR FEDERAL OR STATE OFFICE USE	
Approved By _____	Title _____
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 _____
Date SEP 19 2001	
FARMINGTON FIELD 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.

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OPERATOR

SAN JUAN 28-07 UNIT #49

300390738200

769' FNL – 1550' FEL, SECTION 21, T28N-R7W
RIO ARriba COUNTY, NM

5/25/2001	Check PSI on well 780# on casing, 780# on tubing. Blow well down thru 1" choke to 100#. Open pipe rams TIH w/ tubing. Tagged sand @ 2845'. Broke circ w/ air mist. C/O sand to 2900' (TOC). Circ well for two hrs run sweeps every hr. PUH to 2500" let well flow thru 1/2" choke for 4 hrs. Well seem to have stabilized @ 280# on tubing and 310# on casing. Open well up and blow to pit. TIH to 2865', 35' of sand in 4 hrs. Broke circ C/O sand. PUH to 2500', SDFN.
5/29/2001	Check PSI on well 950# on casing, 900# on tubing. Blow well down thru 1/2" choke to 400#. Changed to 1" choke bled well to 100#. Open well up to pit. TIH w/ 12 joints tubing. Tagged sand @ 2885, 15' of fill. St. air and Broke Circ. C/O sand to 2900' Circ. well for two hrs. well not making any sand. PUH to 2400' RU expert down hole slick line and RIH w/ spinner prod log and after frac log. Ran log and E-Mailed results to Engineering in Houston. TOOH w/ tubing. SDFN
5/30/2001	Check PSI on well 750# on casing. Blow well down thru 1" choke to 150#. Open blind rams. PU and RIH w/ 5 1/2" PKR and 10 stands tubing. Set PKR and changed out casing valves. POOH w/ PKR. PU and RIH w/ 4 3/4" MT bit, bit sub, X-Over, 6- 3 1/2" DC's and 42 stands tubing. D/O CMT from 2900' to 2965' D/O CIBP @ 2965' and pushed to bottom @ 5110'. PUH to 2500', SDFN.
5/31/2001	Check PSI on well 450# on casing. RIH w/ tubing tagged, TOF @ 5110' no new fill. Broke circ w/ air mist C/O to 5128'. TOOH w/ tubing. DC's and Bit. PU and RIH w/ tubing. Landed tubing w/ Mule shoe, SN and 161 joints 2 3/8" eue 8rd J-55 tubing @ 5015' + 10 KB. ND BOP's, NU wellhead, pumped out, PO plug w/ Air @ 1600#. RDMO. FINAL REPORT.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resrvr.		7. Unit or CA Agreement Name and No.	
Other _____			
2. Name of Operator CONOCO INC.		Contact: DEBRA SITTNER E-Mail: dsittner@trigon-sheehan.com	
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		3a. Phone No. (include area code) Ph: 970.385.9100 Ext: 125 Fx: 970.385.9100-039-07382	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 1/4 SE 1/4 1550FEL At top prod interval reported below 969 At total depth		8. Lease Name and Well No. SAN JUAN 28-07 UNIT 49	
14. Date Spudded 07/25/1956		15. Date T.D. Reached 09/07/1956	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 09/07/1956		17. Elevations (DF, KB, RT, GL)* 6148 GL	
18. Total Depth: MD TVD 5245		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)		Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)	
Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

[illegible]

24. Tubing Record								
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5015							

25. Producing Intervals			26. Perforation Record			
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN FRUITLAND COAL	2529	2798	2606 TO 2791			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.	
Depth Interval	Amount and Type of Material
2606 TO 2791	SAND 191,308; N2 833,550 SCF; FLUID 780 BBLS

28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/31/2001	05/26/2001	24	→	2.0	540.0	2.0			Flows from Well
Choke Size	Tbg. Press. Fwlg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	260 SI	410.0	→					PGW	ACCEPTED FOR RECORD

28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
									SEP 19 2001
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	FARMINGTON FIELD OFFICE BY <u> </u>

(See Instructions and spaces for additional data on reverse side)

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #6447 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

RONIC SUBMISSION #6447 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
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OPERATOR

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. SF-078417	
b. Type of Completion <input type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input checked="" type="checkbox"/> Diff. Resvr. Other _____		6. If Indian, Allottee or Tribe Name	
2. Name of Operator CONOCO INC.		7. Unit or CA Agreement Name and No.	
3. Address P.O. BOX 2197 DU 3066 HOUSTON, TX 77252		8. Lease Name and Well No. SAN JUAN 28-07 UNIT 49	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 789FNL 1550FEL At top prod interval reported below At total depth		9. API Well No. 9100-039-07382	
14. Date Spudded 07/25/1956		10. Field and Pool, or Exploratory BLANCO PC SOUTH	
15. Date T.D. Reached 09/07/1956		11. Sec., T., R., M., or Block and Survey or Area Sec 21 T28N R7W Mer NMP	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 09/07/1956		12. County or Parish RIO ARRIBA	
17. Elevations (DF, KB, RT, GL)* 6148 GL		13. State NM	
18. Total Depth: MD TVD 5245		19. Plug Back T.D.: MD TVD	
20. Depth Bridge Plug Set: MD TVD		21. Type Electric & Other Mechanical Logs Run (Submit copy of each)	
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis)			

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled
12.500	10.750	36.000		162		125			
8.750	7.625	24.000		2905		300			
6.250	5.500	12.000		5245		300			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	5015							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO PC SOUTH	2799	4428	2809 TO 2866			
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
2809 TO 2866	SAND 191,308; N2 833,550 SCF; FLUID 780 BBLs

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/31/2001	05/26/2001	24	→	2.0	1260.0	2.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	260	410.0	→					PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

ACCEPTED FOR RECORD
SEP 19 2001
FARMINGTON FIELD OFFICE
BY _____

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #6448 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

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OPERATOR

Well Workover Date = 05/31/2001

Conoco Inc New Mexico Well Workover Application MCF History

Compl Name - Compl	Compl ID - Compl	Compl Legacy Cd - Compl	API Well Cd - Compl	Rsvr Name - Compl	PUN / SUFFIX	Compl	Sect	TWN	RNG	Dir
SAN JUAN 28-7 / 49 FC	1994507	7150185 49 JCV	300390738200	BASIN FRUITLAND COAL	1159722 F, P, & S 3910	RIO ARRIBA	21	28	7	W
SAN JUAN 28-7 / 49 MV	1885271	7115072 49 RON	300390738200	BLANCO MESAVERDE	1159739 F, P, & S 3910	RIO ARRIBA	21	28	7	W
SAN JUAN 28-7 / 49 PC	1994505	7150185 49 UPL	300390738200	BLANCO PICTURED CLIFFS		RIO ARRIBA	21	28	7	W

GAS PRODCUTION MCF									
Production Date		Workover Indicator		BASIN		BLANCO		12 Mo and 3	
				FRUITLAND COAL	MESAVERDE	BLANCO	PICTURED CLIFFS	Total All Formations	Mo Avg
May-00		1 Pre Workover Period			4,509				
Jun-00		1 Pre Workover Period			2,977				
Jul-00		1 Pre Workover Period			3,577				
Aug-00		1 Pre Workover Period				3,469			
Sep-00		1 Pre Workover Period				3,029			
Oct-00		1 Pre Workover Period				2,896			
Nov-00		1 Pre Workover Period				2,902			
Dec-00		1 Pre Workover Period				3,513			
Jan-01		1 Pre Workover Period				6,647			
Feb-01		1 Pre Workover Period				3,058			
Mar-01		1 Pre Workover Period				2,888			
Apr-01		1 Pre Workover Period				3,320		42,785	3,565
May-01		2 Workover Period				1,412		1,412	
Jun-01		3 Post Workover Period		3,215	2,560		7,502		
Jul-01		3 Post Workover Period		2,426	3,968		5,660		
Aug-01		3 Post Workover Period		1,745	3,968		4,071	35,115	11,705