

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 1885353 Conoco CMPL 1993962	
Contact Party Marti Johnson								Phone 580-767-2451	
Property Name San Juan 28-7 Unit # 260						Well Number 260	API Number 30-039-21678-00		
UL 2	Section 5	Township 27N	Range 7W	Feet From The 890	North/South Line North	Feet From The 1780	East/West Line East	County Rio Arriba	

II. Workover

Date Workover Commenced: 05-09-2001	Previous Producing Pool(s) (Prior to Workover): Basin Dakota
Date Workover Completed: 05-24-2001	

- III. Attach a description of the Workover Procedures performed to increase production. - **Well was recompleted into Blanco Mesa Verde Formation 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.
- V. AFFIDAVIT:

State of OKLAHOMA)
County of KAY) ss.
MARTI JOHNSON, 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: Operator Date: 5/21/02
SUBSCRIBED AND SWORN TO before me this 21 day of May

My Commission expires: _____

Notary Public
Laurie Tapp

OKLAHOMA NOTARY PUBLIC
COMM EXP. 05-09-2006
LAURIE TAPP
KAY COUNTY

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 05-24-2001.

Signature District Supervisor <u>Charles L. [Signature]</u>	OCD District <u>AZtec III</u>	Date <u>06-19-2002</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

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. NMSF078496A
2. Name of Operator CONOCO INC		6. If Indian, Allottee or Tribe Name
3a. Address PO BOX 2197, DU 3084 HOUSTON, TX 77252-2197		7. If Unit or CA/Agreement, Name and/or No. NMNM78413C
3b. Phone No. (include area code) Ph: 281.293.1613		8. Well Name and No. SJ 28-7.260
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 5 T27N R7W Mer NWNE 0890FNL 1780FEL 36.60820 N Lat, 107.59308 W Lon		9. API Well No. 30-039-21678-00-S1
		10. Field and Pool, or Exploratory UNNAMED DK, FL, 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"/> WRK
	<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.)

THIS WELL HAS BEEN RECOMPLETED INTO THE BLANCO MESA VERDE FORMATION. PLEASE REFER TO THE ATTACHED DAILY THIS WELL IS NOW COMINGLED (MV/DK) PER DHC # 2718.

7115069 1885353 DK 1160520 F, P, S 3910
7115072 1993962 MV 1159739 F, P, S 3910

14. I hereby certify that the foregoing is true and correct. Electronic Submission #6681 verified by the BLM Well Information System For CONOCO INC, sent to the Farmington Committed to AFMSS for processing by Maurice Johnson on 08/27/2001 (01MXJ2933SE)		
Name (Printed/Typed) (None Specified)	Title	
Signature	Date 08/23/2001	
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
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.		

ACCEPTED FOR RECORD

SEP 28 2001

Date
FARMINGTON FIELD OFFICE
BY

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

OPERATOR

SAN JUAN 28-07 UNIT #260

30039216780

890' FNL -- 1780' FEL, Section 05, T27N-R07W
Rio Arriba County, NM

Date	Operation
5/9/2001	Road rig to location. Rig up and spot all equipment. NDWH & NUBOP. POOH with 2 3/8" tubing. SD
5/10/2001	Tested BOP'S. Tested 250 psi, on the low side and 3000 psi on the high side. OK. Rigged up Blue Jet to set plug. Set Hallib 4 1/2" Fas Drill Plug @ 5726'. Tested Casing and plug to 3000 psi. - OK. Rigged up and run CBL from 5726' to 2200'. Ran log with 1000 psi pressure. TOC @ 2400'. SD
5/11/2001	Rigged up Blue Jet to perf the Point Lookout of the Mesa Verde. Perforated @ 5650' - 5658'. 1/2 SPF. Total holes 5. Perforated @ 5585' - 5605'. 1/2 SPF Total holes 11. Perforated 5548' - 5564'. 1/2 SPF Total holes 9. Perforated 5518' - 5530' @ 1/2 SPF Total holes 7. Perforated 5458' - 5482' @ 1/2 SPF. Total holes 13. Total holes for the Point Lookout of the Mesa Verde 45. Well went on a vacuum. Rigged down Blue Jet. Rigged up frac valve. Prep well to frac. SHUT DOWN
5/12/2001	Rigged up BJ to breakdown and frac the Point Lookout of the Mesa Verde formation. Pumped KCL with 54 Biosealers. Pumped @ 19 BPM @ 300 psi. Had good ball action. Well balled off. Max pressure 2800 psi. Shut down wait for balls to dissolve. Frac'd the Point Lookout of the Mesa Verde with 216,080# of 20/40 Brady sand. Total fluid pumped 1158 BBLS with 7530 SCF of N2. Max sand conc 4#/ Gal. Avg rate 60 BPM @ 1840 psi. Max pressure 2550 psi. ISIP - 130 psi. Rigged down BJ. SHUT DOWN
5/14/2001	Rigged up Blue Jet to set plug. Set Hallib 4 1/2" composite plug @ 5410'. Load and pressure tested casing to 3000 psi. - OK. Perforated the Menefee formation of the Mesa Verde formation @ 5042' - 5050' with 1/2 SPF. Total Holes 5. Perforated @ 5148' - 5152' with 1/2 SPF Total holes 3. Perforated @ 5168' - 5174' with 1/2 SPF Total holes 4. Perforated @ 5198' - 5202' with 1/2 SPF Total holes 3. Perforated @ 5236' - 5242' with 1/2 SPF Total holes 4. Perforated @ 5268' - 5272' with 1/2 SPF Total holes 3. Perforated @ 5294' - 5298' with 1/2 SPF Total holes 3. Perforated @ 5348' - 5354' with 1/2 SPF Total holes 4. Total holes for the Menefee 29. Perforated the Cliffhouse of the Mesa Verde formation @ 4898' - 4904' with 1/2 SPF Total holes 4. Perforated @ 4946' - 4956' with 1/2 SPF Total holes 6. Perforated @ 4974' - 4982' with 1/2 SPF Total holes 5. Perforated @ 4996' - 5000' with 1/2 SPF Total holes 3. Total holes for the Cliffhouse formation 18. Rigged down Blue Jet. Prep well to frac. SHUT DOWN
5/15/2001	Rigged up BJ to acidize and frac. Acidize the Menefee / Cliffhouse of the Mesa Verde formation with 1000 gals of 15% HCL Acid with 57 Bio Balls. Avg rate 23 BPM @ 2318 psi. Had good ball action. ISIP - 930 psi. Wait for Bio Balls to dissolve. Rigged up to frac. Frac'd the Menefee/Cliffhouse of the Mesa Verde formation with 118,000# of 20/40 Brady sand. Avg rate 32 BPM @ 2400 psi avg pressure. Total N2 pumped 14444 SCF. Total fluid pumped 879 BBLS. Max sand conc 3#/ Gal. ISIP - 2385 psi. Note: Pop off relieved early, shut down, clean pumps and get back into frac, well screened off after 118,000# in the formation. Rigged down BJ. Started flowing well back thru 1/2" choke nipple. Well unloaded all sand from the casing. SD
5/16/2001	Check well pressures. Csg - 950 psi. Started flowing well thru 1/2" choke nipple. Well flowing back fluid and sand. Well pressure 550 psi at 10:00 AM. Shut well in. Rigged up Drill gas compressors and Blooey line. Checked well pressure @ 2:00 PM. 710 psi Shut in casing pressure. Flowed well thru 1/2" choke nipple. Checked well pressure @ 4:45PM. Pressure @ 420 psi. SHUT DOWN
5/17/2001	Check well pressures. Csg - 750 psi. Started flowing well thru 1/2" choke nipple. Well still making sand and fluid. Pressure dropped to 460 psi. Removed choke nipple and pressure dropped to 210 psi. Killed well and RIH with 2 3/8" tubing with blade bit. Run tubing to 4894'. SHUT DOWN
5/18/2001	Check well pressures. Csg - 920 psi. Blow well down. RIH and tagged for fill @ 5350'. Started 2 drill gas compressors and cleaned sand to plug @ 5410'. Drilled up Hallib Fas Drill Plug @ 5410'. Unloaded well. SD
5/21/2001	Check well pressures. CSG - 860 psi. TBG - 740 psi. Blow down casing. RIH and tagged sand fill @ 5630'. Started 2 drill gas compressors and cleaned sand fill to Hallib Fas Drill Plug @ 5745'. Continued to clean sand and pump soap sweeps to allow well cleaning. Well still making medium sand and fluid. SHUT DOWN
5/22/2001	Check well pressures. Csg - 720 psi. Tbg - 560 psi. Blow well down. RIH and tagged sand fill @ 5645'. Started 2 drill gas compressors and cleaned sand to plug @ 5745'. Continued to flow and clean well. Pulled 2 3/8" tubing up to 4894'. Tested the Mesa Verde formation as follows. 2 3/8" tubing @ 4894'. Flowing thru 1/2" choke nipple. Tbg - 175 psi. Csg - 290 psi. 1155 MCFPD Oil - 1/2 BBL/ Day, Water 30 BBLS/ Day. Test witnessed by Nick James with Key Energy. This is a test for the Mesa Verde formation only. SHUT DOWN

SAN JUAN 28-07 UNIT #260

30039216780

890' FNL -- 1780' FEL, Section 05, T27N-R07W
Rio Arriba County, NM

5/23/2001	Check well pressures. TBG - 760 psi. CSG - 800 psi. Blow well down. RIH and tagged sand fill @ 5720'. Started 2 drill Gas Compressors and cleaned sand fill to Plug @ 5745'. Drilled up Hallib Fas Drill Plug @ 5745'. Continued to RIH, tagged fill @ 7675'. Started 2 drill gas compressors and cleaned fill to PBTD @ 7713'. Circulated well clean. Pull up the hole with tubing above the MV Perfs. SHUT DOWN
5/24/2001	Check well pressures. Tbg - 530 psi. Csg - 550 psi. Blow well down. POOH with 2 3/8" tubing with bit. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Landed tubing @ 7574' with KB added in. Total 2 3/8" tubing 240 jts. NDBOP & NUWH. Rig down compressors and Blooey Line. Rig down and move off location. This well is now a MV/DK (DHC) FINAL REPORT.

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. NMSF-078496A	
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 260	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface NWNE 890FNL 1780FEL At top prod interval reported below At total depth		9. API Well No. 5.9100-039-21678	
14. Date Spudded 12/13/1978		15. Date T.D. Reached 12/13/1978	
16. Date Completed <input type="checkbox"/> D & A <input type="checkbox"/> Ready to Prod. 05/24/2001		17. Elevations (DF, KB, RT, GL)* 6696 GL	
18. Total Depth: MD 7740 TVD		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
12.250	9.625	36.000		213		224			
8.750	7.000	20.000		3575		279			
6.250	4.500	11.000		7740		643			

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	7574							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BLANCO MESA VERDE	4898	5658	4895 TO 6515			
B)						
C)						
D)						

26. Perforation Record

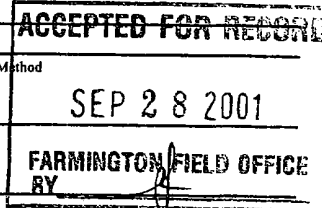
Depth Interval	Amount and Type of Material
4898 TO 5658	118,000 SAND, 14,444 N2 SCF, 879 BBLs FLUID

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

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/24/2001	05/22/2001	24	→	0.5	1155.0	30.0			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	
	175	290.0	→					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	
			→						



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

ELECTRONIC SUBMISSION #6682 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

OPERATOR

28b. Production - Interval C

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	

28c. Production - Interval D

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	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Mcas. Depth
CLIFFHOUSE	4895	5441		CLIFF HOUSE POINT LOOK OUT GALLUP GREENHORN DAKOTA	4895 5442 6515 7356 7544

32. Additional remarks (include plugging procedure):

THIS WELL HAS BEEN RECOMPLETED INTO THE BLANCO MESA VERDE FORMATION. PLEASE REFER TO THE SUBSEQUENT SUNDRY FOR THE DAILY SUMMARY FOR DETAILS. THIS WELL IS NOW COMINGLED (MV/DK) PER DHC # 2718.

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7. Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #6682 Verified by the BLM Well Information System for CONOCO INC..
Sent to the Farmington. Committed to AFMSS for processing by Maurice Johnson on 08/27/2001 0

Name (please print) DEBRA SITTNERTitle AUTHORIZED REPRESENTATIVE

Signature _____

Date 08/23/2001

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.

**** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ****

Conoco Inc New Mexico Well Workover Application MCF History

Well Workover Date = 05/24/2001

Compl Name - Compl	Compl ID - Compl	Compl Legacy Cd - API Well Cd - Compl	Rsvr Name - Compl	PUN / SUFFIX	Compl	Dir
SAN JUAN 28-7 /260 DK	1885353	7115069 260 FRR	3003921678 BASIN DAKOTA (GAS)	1159739 (F, P, S) 3920	RIO ARRIBA	W
SAN JUAN 28-7 /260 MV	1993962	7115072 260 RON	3003921678 BLANCO MESAVERDE	1159739 (F, P, S) 3920	RIO ARRIBA	W

Production Date	Workover Indicator	BASIN DAKOTA (GAS)	BLANCO MESAVERDE	Total All Formations	12 Mo and 3 Mo Avg
05-2000	1 Pre Workover Period	1,556			
06-2000	1 Pre Workover Period	1,836			
07-2000	1 Pre Workover Period	1,996			
08-2000	1 Pre Workover Period	1,611			
09-2000	1 Pre Workover Period	1,717			
10-2000	1 Pre Workover Period	1,677			
11-2000	1 Pre Workover Period	1,414			
12-2000	1 Pre Workover Period	1,243			
01-2001	1 Pre Workover Period	1,330			
02-2001	1 Pre Workover Period	994			
03-2001	1 Pre Workover Period	1,132			
04-2001	1 Pre Workover Period	1,199		17,905	1,492
05-2001	2 Workover Period	413	1,792	2,205	
06-2001	3 Post Workover Period	1,298	12,108		
07-2001	3 Post Workover Period	1,829	10,580		
08-2001	3 Post Workover Period	1,829	7,924	35,568	11,856