

District I - (505) 393-0161  
625 N. French Dr.  
Hobbs, NM 88240  
District II - (505) 748-1283  
811 S. First  
Artesia, NM 88210  
District III - (505) 334-6178  
1000 Rio Brazos Road  
Aztec, NM 87410  
District IV - (505) 827-7131  
2040 S. Pacheco  
Santa Fe, NM 87505

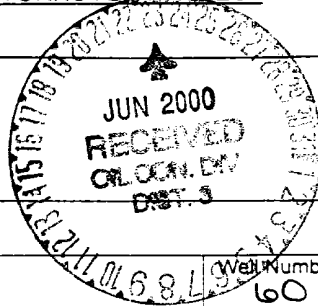
New Mexico  
Energy Minerals and Natural Resources Department  
Oil Conservation Division  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

Form C-140  
Revised 06/99

SUBMIT ORIGINAL  
PLUS 2 COPIES  
TO APPROPRIATE  
DISTRICT OFFICE

7115072 60 RON  
1159739

APPLICATION FOR  
WELL WORKOVER PROJECT



I. Operator and Well								
Operator name & address Conoco Inc. P.O. Box 1267 Ponca City, OK 74604-1267	OGRID Number 005073							
Contact Party Marti Johnson	Phone (580) 767-2451							
Property Name San Juan 28-7	API Number 3003907391							
Well Number 60								
UL B	Section 19	Township 28N	Range 01W	Feet From The 800'	North/South Line NL	Feet From The 1650'	East/West Line EL	County Rio Arriba

II. Workover	
Date Workover Commenced: 8/24/99	Previous Producing Pool(s) (Prior to Workover):
Date Workover Completed: 9/15/99	

- III. Attach a description of the Workover Procedures performed to increase production.  
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 )  
 ) ss.  
County of Kay )  
Marti Johnson, being first duly sworn, upon oath states:  
1. I am the Operator, or authorized representative of the Operator, of the above-referenced Well.  
2. I have made, or caused to be made, a diligent search of the production records reasonably available for this Well.  
3. 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 Coordinator, A & I M Date 6/12/00  
SUBSCRIBED AND SIGNED Laurie Tapp day of June, 2000  
My Commission expires: 05-09-2002  
LAURIE TAPP  
KAY COUNTY  
Notary Public

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 \_\_\_\_\_.

Signature District Supervisor \_\_\_\_\_ OCD District \_\_\_\_\_ Date \_\_\_\_\_

- VII. DATE OF NOTIFICATION TO THE SECRETARY OF THE TAXATION AND REVENUE DEPARTMENT: \_\_\_\_\_

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

COPY

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.

Use "APPLICATION FOR PERMIT-" for such proposals

SUBMIT IN TRIPLICATE

5. LEASE DESIGNATION AND SERIAL NO  
SF 078497

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. IF UNIT OR CA, AGREEMENT DESIGNATION  
San Juan 28-7 Unit

8. WELL NAME AND NO.  
San Juan 28-7 Unit #60

9. API WELL NO.  
30-039-07391

10. FIELD AND POOL, OR EXPLORATORY AREA  
Blanco Mesa Verde

11. COUNTY OR PARISH, STATE  
Rio Arriba County, NM

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent  
☒ Subsequent Report  
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment  
☐ Recompletion  
☐ Plugging Back  
☐ Casing Repair  
☐ Altering Casing  
☒ Other: Menefee Pay Add  
☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut-Off  
☐ Conversion to Injection  
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See attached Summary.

4. I hereby certify that the foregoing is true and correct

SIGNED Verla Johnson  
(This space for Federal or State office use)

TITLE VERLA JOHNSON, As Agent for Conoco Inc. DATE 9-20-99

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
Conditions of approval, if any:

The 18 U.S.C. Section 1001, 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.

ACCEPTED FOR RECORD

\* See Instruction on Reverse Side

OCT 04 1999

FIELD OFFICE

OPERATOR

Conoco Inc.  
**San Juan 28-7 Unit #60**  
API #30-039-07391  
800' FNL & 1650' FEL, UNIT LETTER "B"  
Sec. 19, T28N-R07W

**8/24/99** MIRU

**8/25/99** Check wellhead pressures. Csg - 160 psi, and Tbg - 160 psi. NDWH and NUBOP. Tag for fill with 2 3/8" tubing. POOH and tally all tubing. Tagged fill @ PBTD @ 5780'. Total tubing 183 jts, SN and 1 jt Mud Anchor. Mud Anchor was plugged.

**8/26/99** Csg -320 psi. Rigged up Blue Jet. Ran Gamma Ray strip log from 5800' to 5200'. RIH and set Hallib Fas Drill Plug @ 5660'. RIH and perf Menefee (MV) @5318-21-24-27-30-33-36-39-42-45-48-51-54-64-67-70-73-76-79-82-5450-53-56-59-62-65-68-71-74-77-80-83-5505-08-11-14-17-20-23-26-29-32-5551-54-57-60-63-5608-11-14-17-20-23-26-29-32, total holes 56. Perf with 3 1/8" HSC, with 11 grams charge. Spot in Frac String.

**8/27/99** Csg. press. 310#, Blow well down, RIH with Packer and 177 joints of N-80 2 7/8" tbg set packer at 5652.0'. Test tbg, packer and plug to 3000#. Release packer, POOH with 36 joints.

**8/30/99** Csg press 200# tbg press 210#. Blow well down, RIH with 20 joints of 2 7/8" tbg. set packer at 5300'. RU Frac pump unit. Est. rate, Pump 750 gals 15% HCl, drop 71 ball sealers at 6Bpm/ 1100#. Did not get much ball action at all. RD pump truck. Well flow back fluids for 15 mins to tank. Release packer, wipe off balls. Reset packer, RU frac pump unit Water frac well with 1638 BBIs of 1% KCL, at 19.2 BPM at 3200# avg ISDP 600#. Final shut in press 469# in 15 mins RD frac pump unit. Flow back well to tank, recovered 200 bbls of fluid.

**8/31/99** Csg. press. 0# tbg. press. 0#. Unseated packer, POOH with 2 7/8" frac string and treating packer. RIH with drill bit and 179 joints of 2 3/8" tbg. RU N2 unload well. Ran out of fluids, Charge up backside to 950#, well flowing up tbg. Well flowed thur. 1/2" choke, till about 7:30PM. Well out of gas. Shut well in.

**9/1/99** Csg press. 500# tbg. press. 500#. Open well thur tbg thur 1/2" choke. Press down to 20# tbg, csg 45#, no fluids. Press blew down in a couple of hours. POOH with 2 3/8" tbg and drill bit.

**9/2/99** Blow well down, RIH with packer and 2 7/8" frac string 5600'. Drop sand on top of composite plug. Set packer.

**9/7/99** Tbg. press. 1000# RU Frac unit, frac well with 50960# Sand Silica 20/40, 59639 gals. Slick water. Avg. inj. rate 18.6BPM/ 3250# ISDP 850# Final 635#. Shut well in.

**9/8/99** Tbg - 60 psi. Open well up to pit. Well flowed for approx. 2 hrs without choke. Well quit flowing. Rigged up and released 5 1/2" Hallib RTTS packer. POOH and laid down 2 7/8" N-80 frac string. Rigged up 2 drill gas compressors, and Blowie line to pit. Purged all lines and compressors.

**9/9/99** RIH with Baker 5 1/2" Metal Muncher Mill, and 2 3/8" tubing. Tagged sand @ 5163'. Started 2 drill gas compressors and cleaned sand to 5600'. Cleaned 438' of sand. Circulated clean and pulled up the hole to 4360'.

**9/10/99** Check wellhead pressures. Tbg - 520 psi and Csg - 560 psi. Opened tubing, well blew down. RIH with 2 3/8" tubing and Baker Metal Muncher Mill. Tagged sand @ 5570'. Started 2 drill gas compressors and cleaned sand to Hallib Fas Drill Plug @ 5660'. Set on bottom and circulated sand to clean up. Well still making heavy sand and fluid. Was not able to test. Well would flow on it's own. Purged up above the perfs with tubing and metal muncher mill.

Conoco Inc.  
**San Juan 28-7 Unit #60**  
API #30-039-07391  
800' FNL & 1650' FEL, UNIT LETTER "B"  
Sec. 19, T28N-R07W

**9/13/99** Check well. Tbg - 500 psi. Csg - 550 psi. Open tubing and flowed well up the tubing thru 1/2" choke nipple. Tbg pressure stabilized @ 15 psi. and Csg pressure 120 psi. Flow rate 99 MCFPD with 0 BBLS - oil and 15 BBLS water. (NOTE: THIS TEST IS FOR THE MENELEE & CLIFFHOUSE ZONES COMBINED). Test witnessed by Victor Barrios with Key Well Service. RIH and tagged sand @ 5648'. Started 2 drill gas compressors and cleaned sand to Hallib Fas Drill Plug @ 5660'. Drilled up Hallib Fas Drill Plug @ 5660'. Continued to RIH to PBTD @ 5780'. Set on bottom and cleaned well to pit. Pumped soap sweeps to allow well to clean up. Pulled up to 4537'. -

**9/14/99** POOH with 2 3/8" tubing and 5 1/2" Baker Metal Muncher Mill. RIH with Mule Shoe Collar, SN and 2 3/8" tubing. Tested all tubing to 500 psi. Found 2 jts with tubing leaks. Swabbed fluid from tubing. Pulled standing valve. RIH and tagged sand @ 5766'. Started 2 drill gas compressors and cleaned sand to PBTD @ 5780'. Pumped soap sweeps to allow well to clean up. Pulled tubing up to 5664'. Unloaded well and started flowing well up the tubing with 1/2" choke nipple. Drywatched well thru the night. Tbg pressure stabilized @ 50 psi and casing pressure 400 psi. Well flowed thru the night.

**9/15/99** Well flowed thru the night. Blowed tubing down. RIH with 2 3/8" tubing and tagged sand @ 5772'. Started 2 drill gas compressors and cleaned sand to PBTD @ 5780'. Set on bottom and pumped soap sweeps to clean sand. Pulled up and landed 2 3/8" tubing @ 5548' with KB and SN added in. Rigged up swab, made 2 swab runs to SN. - OK. TOTAL TUBING 177 jts of 2 3/8" tubing NDBOP & NUWH. Unloaded well with 2 drill gas compressors. Rig down and move off location. FINAL REPORT

# New Mexico Well Workover Application - MCF History

Well Workover Date = 9/15/99

NM Tax Well Workover Gas Alloc Vols.rep

Lease Name, Producing	**Curr LWP Code	API Number	Pool Name	Tax ID Code	Tax Suffix	County Name	Sect.	TWN	Range
SAN JUAN 28-7	7115072 60 RON	3003907391	BLANCO MESAVERDE	1159739	F3910	RIO ARriba	19	28N	7W

**Curr LWP Code	**Production Date (CCYYMM)	Gas - Prod MCF Monthly (GA)
7115072 60 RON	199808	3,161
	199809	2,879
	199810	2,921
	199811	2,827
	199812	2,831
	199901	2,813
	199902	2,490
	199903	2,805
	199904	2,734
	199905	2,633
	199906	2,672
	199907	2,623
	199908	1,949
	199909	1,174
	199910	2,234
	199911	2,222
	199912	1,724
7115072 60 RON		