

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	
1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	5. LEASE DESIGNATION AND SERIAL NO. SF07847 SF07847
2. NAME OF OPERATOR CONOCO INC.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS AND TELEPHONE NO. 10 DESTA DR., SUITE 100W, MIDLAND, TX 79705-4500 (915) 686-5424	7. IF UNIT OR CA, AGREEMENT DESIGNATION
4. LOCATION OF WELL (Footage, Sec., T., R., M., or Survey Description) 850' FNL & 1845' FEL, SEC. 17, T28N, R7W, UNIT LTR 'B'	8. WELL NAME AND NO. SAN JUAN 28-7 UNIT #256
	9. API WELL NO. 30-039-21731
	10. FIELD AND POOL, OR EXPLORATORY AREA Basin Dakota
	11. COUNTY OR PARISH, STATE RIO ARRIBA, NM
12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent <input checked="" type="checkbox"/> Subsequent Report <input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Abandonment <input checked="" type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input checked="" type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other: <input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log Form.)</small>
13. 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.) <p>SEE ATTACHMENT ON SUMMARY OF SQUEEZE JOB AND WORKOVER.</p> <p>RECEIVED JUN 24 1997</p> <p>OIL CON. DIV. DIST. 3</p>	
14. I hereby certify that the foregoing is true and correct	
SIGNED <u>Debra Bemenderfer</u>	TITLE AGENT FOR CONOCO INC. DATE 6-5-97
(This space for Federal or State office use)	
APPROVED BY _____	TITLE AGENT FOR CONOCO, INC. DATE JUNE 6, 1997
Conditions of approval, if any:	
ACCEPTED FOR RECORD	
JUN 20 1997	
Title 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.	

* See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

Attachment to 3160-5, 3160-4
API 30-039-21731
SAN JUAN 28-7 #256
SQUEEZE JOB TO REPAIR CASING LEAK AND
WO TO MESA VERDE FORMATION

5-20-97 MIRU, NDWH, NUBOP< TOO H w/ 240 jnts 1-1/2" tbg. RU Wireline RIH set CIBP @ 5690'. TIH w 2-3/8" tbg to 5685' circ hole, TOO H w/ tbg test CIBP to 3000#, did not test. Tag plug to insure set, TOO H w/ tbg, TIH w. pkr testing casing to isolate leak, isolated leak from 4431' - 4473'. Pump into leak @ 3 BPM 700#, casing above and below the leak section tested to 2500# okay. PU PKR set @ 4200'.

RU BJ cmt pump, PKR @ 4199', top of leak 4444', bottom of hole 4474', load 7 X 4 1/2" annulus, monitor during squeeze, pressure up on casing above Pkr TO 500#, initial injection rate 1.7 bpm @ 700#, lead in w/50 SXS Class B w/ fluid loss additive & tail in w/ 50 SXS Class B w/ 2% CACL, 1.5 BPM @ 700#, cmt pumped @ 15.6# slurry, displace 1 bbl past end of PKR, hesitate 15 min squeeze to 1200#, Rel PKR rev circ, reset PKR @ 4075', pressured above PKR to 1000#, 660# on tbg. TBG- O PSI Released PKR and pulled TBG and PKR. RIH w/ TBG Bit and drill collars. Tagged cement @ 4257'. Pressure tested cement and CSG to 1000 PSI OK. Drilled cement to 4369'. Pressure tested cement and CSG. to 2500 PSI. Will continue to drill cement and test.

Continued drilling cement. Drilled out of cement @ 4488'. Pressure tested up to 2500 PSI. Established rate with rig pump @ 1 1/4 BPM @ 2000 PSI. Will hold 600 PSI. RIH w/ PKR and TBG, PKR would not set. POOH and RIH w/ new PKR. Located top hole @ 4104' and bottom hole @ 4480'. Set PKR @ 3505' and squeezed w/ 50 SKS Class B Cement. Left pressure on TBG and CSG. SHUT IN.

Pressure Test BOP, Csg and Tbg to 2000#. Unset Pkr & TOH. GIH w/ 3-7/8" Bit, 4 - 3-1/8" DC's on Tbg. Tag TOC @ 3710'. Drill Cmt from 3710' to 4373' in 10 Hrs. Circ hole clean. Continue GIH w/ 4-1/2" Baker Full-Bore packer on 2-7/8" workstring & tag CIBP @ 5672'. Pull up to 4540' & set pkr.

RU BJ. NU Frac Valve. BD Point Lookout @ 3200# w/ 2% KCL. BD w/ 1000 gals 15% HCl & 39-1.1 Sp Gr BS @ 12 BPM & 2000# to 6 BPM & 3000# w/ balls on. GIH to 5672' to knock balls off. PU and reset pkr @ 4540'. Pump 15# XL Borate Frac as per Treatment Report @ 27 BPM @ 4100#, avg. Slurry Sand Density of 1.57 ppg. ISIP = 0#. POOH w/ tbg and pkr. RU Bluejet WL, GIH & set CIBP @ 5450', FL @ 2200'. GIH W/ 3-1/8" Select fire gun and perf Menefee w/ 0.32" holes at: 5136', 38, 51, 57, 62, 64, 66, 95, 5203, 76, 78, 80, 82, 90, 92, 94, 5327, 29, 42, 44, 5422, 24, 26. Total holes: 23. FL @ 2200'. GIH w/ pkr on tbg and set @ 4540' NU Frac Valve. BD Menefee @ 2000# w/ 2% KCL. BD w/ 1000 gals 15% HC & 39-1.1 Sp Gr BS @ 7 BPM & 2000# to 3 BPM & 3000# W/ BALLS ON. GIH TO 5450' and knock balls off. Pu and reset pkr @ 4540'. Pump 15# XL Borate Frac as per Treatment Report @ 25 BPM @ 4050#, ave. Slurry Sand Density of 1.59ppg. ISIP = 700#, 5-min = 420#, 15-min = 410#, 30-min = 409#.

RU Bluejet, GIH set CIBP @ 5110'. GIH w/ perf gun and shoot Cliff House @ 4892', 94, 4904, 06, 08, 13, 15, 34, 36, 42, 44, 46, 55, 58, 64, 66, 84, 5012, 14, 22, 24, 26, 37, 39, 60, 62. 27 total holes. GIH w/ PKR set @ 4540'. NU frac valve. RU BJ. Breakdown Cliff House @ 2000# w/ 1% Kcl. Acid breakdown Cliffhouse w/ 1000G 15% Hcl and 45 ball sealers. GIH to 5110' to knock balls off perfs. Pump 15# Borate XL Frac w/ 97,780# of 20/40 SD. ISIP 600#, NDBJ TOO H w/ pkr. Laydown workstring.

SITP 0#. Install flare line. GIH w/ 2-3/8" TBG and tag sand @ 4990'. Circ clean to CIBP @ 5110'. Pull up to 4483'. Tag sand @ 5090', Drilled CIBP #1 @ 5110' in 2 hours. Pushed CIBP #1 down to 5351' stacked out on sand over CIBP #2 @ 5450', cleaned sand to 5450'. Drilled CIBP #2. GIH and tag sand @ 5590'. 100' of sand on CIBP #3 @ 5690'. TOO H w/ 2-3/8" . Laydown 4- 3-1/8" DC's and 3-7/8" metal muncher. GIH w/ 166 jnts 2-3/8" tbg to 5232'. Circ clean Dry watch. FTP 110#, FCP 400#. 3/4" choke. Estimated 1594 MCFPD. Pull up to 5545' and landed tbg. 12 hour test, Date of Test 6/8/97, Witnessed by Mike Stone of L.&R. Field Services. 3/4" Choke, 0 OIL and 1 Water.

6-9-97 ND BOP, NUWH RDMO.

CONOCO SAN JUAN 28-7 #256 API#

Tested casing after squeeze job to 500#.

Point Lookout Perfs: 5468, 71, 74, 5500, 05, 09, 15, 19, 25, 29, 32, 44, 51, 53, 71, 76, 84, 86, 94, 5610, 5622. Used 89,000# 20/40 Arizona sand and 6000# 20/40 SDC with 1672bbls slickwater.

Menefee: Used 1672 bbls of slickwater with 95,000# 20/40 Arizona and 6000# 20/40 SDC.

Cliffhouse: Used 94,280 20/40 Arizona and 2,500# 20/40 SDC with 60,000 gal slickwater.