

Submit To Appropriate District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 South First, Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

Form C-105  
Revised March 25, 1999

COPY

WELL API NO.

30-039-20432

5. Indicate Type of Lease

STATE ☒ FEE ☐

State Oil & Gas Lease No.

E290-3

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well:

OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:

NEW WORK PLUG DIFF. RESVR. ☒ OTHER ☐  
WELL ☐ OVER ☐ DEEPEN ☐ BACK ☐

2. Name of Operator

CONOCO INC.

3. Address of Operator

P.O. BOX 2197 DU 3066

HOUSTON, TEXAS 77252-2197

YOLANDA PEREZ (281-293-1613)

4. Well Location

Unit Letter G: 1678' Feet From The NORTH Line and 1670' Feet From The EAST Line

Section 02 Township 27 NORTH Range 07 WEST NMPM

RIO ARRIBA County

10. Date Spudded

11/2/71

11. Date T.D. Reached

7-17-00

12. Date Compl. (Ready to Prod.)

7-17-00

13. Elevations (DF& RKB, RT, GR, etc.)

6572'

14. Elev. Casinghead

15. Total Depth

7765' 36

16. Plug Back T.D.

7717'

17. If Multiple Compl. How Many

Zones? 2

18. Intervals

Drilled By

Rotary Tools

☒

Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name

BLANCO MESA VERDE 4885' - 5563'

20. Was Directional Survey Made

21. Type Electric and Other Logs Run

CBL, MTT

22. Was Well Cored

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8"	36#	208'	12-1/4"	190 S	
4-1/2"	10.5#	7736'	6-1/4"	505 S	

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
NONE		

26. Perforation record (interval, size, and number)

BLANCO MESA VERDE 4885' - 5563'

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

	SWF

28. PRODUCTION

Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		F				SI	
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
N/A	N/A						
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	
#	#						

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

TEST NOT DONE DUE TO CASING PROBLEMS

Test Witnessed By

30. List Attachments

SEE DAILY FOR FURTHER INFORMATION

31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief

Signature *Debra Sittner*

Printed

Name DEBRA SITTNER Title As Agent for Conoco, Inc. Date 2-24-01

X

## Lease Name: San Juan 28-7 Unit 129

No.: 1 TD: 7736.0 ftkb PBTD: 7717.0 ftkb

5/5/2000 Rig up pulling unit, spot and rig up equipment. Csg press. 120# tbg. Press. 95#. Blow well down, kill well 20 bbls of 1% KCl. NDWH, NUBOP. POOH with tbg. Tally out. RIH with csg scraper to 5700'. POOH with tbg and scraper. RU wireline, RIH with comp plug to 5601'. Set plug. POOH with setting tool. Load hole, test to 3000#, held ok. RIH with logging tool to 5600', try to calibrate logging tool, would not work. POOH with logging tool. Secure well. SDFN

5/8/2000 0# csg press. RU wireline unit. RIH with logging tool. Run CBL log from 5600' to 4400'. POOH with logging tool. Sent logs to Eng. Rd wireline unit, secure well SDFN

5/9/2000 Stand by for frac.

5/10/2000 Csg. Press. 0# open well, RU wireline unit, RIH with perf gun. Perf. Point lookout formation for 1st stage, as followed: 5563',59',55',51',28',24',20',02',5498',94',90',86',82',78',74',70',66',62',58',54',50',46',42', 23 perf points , 2 - shots per foot, POOH with perf gun. Rd wireline unit. Secure well. SDFN.

5/11/2000 0# csg press. RU frac unit. Safety meeting. Test lines to 5000#, set pop off. Load hole with 75 bbls of 1% KCl. 12bpm/200# Start acid, pump 1500 gals. 15% HCl. Drop 92 ball sealers, got some great ball action, press. Up to 3800# broke down to 850#, pressure up to 2500# broke down to 700#, avg. Bpm on acid was 9-10 bbls. Shut down ISDP 400#. Rd acid unit, rd isolation tool, RU wireline RIH with junk basket, recovered 91 ball sealers , 46 hits. Rd wireline unit, RU isolation tool. RU frac unit. Frac well, 20 bbls to load, start pad had a break at 45bbls pm. Est. Rate at 65.8 bpm at 1980#. Start 1/2# sand, avg. Press. 1970# at 65.5bpm, 1# sand avg press. 1990# at 65.8bpm. Isdp 600# in fifteen 550# shut well in. Rd frac unit , rd isolation tool. RU wireline unit. RIH with comp. Plug. Well flowing. Plug to 5360'. Got hung up in sand, set plug. POOH with setting tool. Rd Wireline, flow back well. Plug not set. Shut well in. SDFN.

5/12/2000 Csg. Press. 370# RU flow line and flow back tnk. Flow back to tnk. Flow back 200bbls. Of fluid. Flowing press. Down to 20 #. RIH with metal muncher, and tbg. Tag up on plug at 3265'. Haul in and rig up air unit. Unload well. Total fluids recovered 300bbls. Secure well SDFN.

5/15/2000 Csg press. 110# blow well down, RIH with tbg and mill. Tag up at 3250'. RU power swivel, RIH with tbg. Tag up 3265'. RU air unit, would not circulate. Mill plugged. RD air unit, POOH with tbg and mill. Mill plugged with sand and mud. RIH with mill and tbg. Tag fill at 3265', pu tbg. To 3252'. RU air unit, circulate hole, hole clean, shut down air, RU power swivel, RU air unit, lost circulation, tbg. Stuck. Could not get tbg to move. Secure well SDFN.

5/16/2000 Csg press. 25#. Blow well down, RU wireline unit, free point tbg. Tag fill in tbg, 3233'. , tbg. Free to this point. POOH with Freepoint tool, RIH with chemical cutter, cut tbg at 3223'. Cutter hung up, work free. POOH with cutter. Rd wireline unit. POOH with 106 joints of tbg. RIH with wash pipe shoe, 1 joint of wash pipe, jars, 6-drill collars, and 1joint of tbg. Secure well SDFN

5/17/2000 Csg. Prss. 0# open well, finish RIH with tbg. Tag up 3220'. (tag up higher than prev. tag.) RU power swivel. RU air unit. Drill out an clean out to 3355'. Had to work shoe on 1st bridge at 3220', about 5' long. RD air unit, RD power swivel. Put to 2355' secure well SDFN.

5/18/2000 Csg press 15#; blow well down, RIH with tbg. Tag fish at 3250'. RU air unit clean off top of fish. RD air unit. POOH with tbg, drill collars and wash pipe. RIH with overshot, jars, drill collars and tbg. Tag up on fish at 3250'. Latch on to fish , jar free, POOH with tbg. Drill collars, jars, and fish. (1 1/2 joints of tbg, change over, an metal muncher.) RIH with wash pipe shoe, wash pipe, an tbg. Tag up at 3255'. PU tbg. 1 stand. Secure well SDFN.

5/19/2000 Csg. Press. 10#, blow well down. RIH with tbg, tag up at 3255'. RU air unit, unload well, drill out an clean out to 3260', drill thru. RD power swivel, RIH with tbg, tag up 4322' tag up, RU power swivel, unload well. Drill out and clean out to 4329', drop thru. RD power swivel, RIH with tbg. Tag up 4655'. RU power swivel, unload well, drill out and clean out to 4658', drop thru. Rd power swivel, RIH with tbg. Tag up 4717'. RU power swivel, unload well. Rd power swivel, rd air unit , pu tbg. To 4000'. Secure well SDFN.

5/22/2000 Csg. Press. 130# blow well down, RIH with tbg to 4717', tag up. RU air unit, unload well, recovered 20 bbls of oil, an 80 bbls of H2O, RU swivel, drill an clean out fill to 5180'. Hit lot of bridges going in. Fill return is frac sand. Pu tbg. 10 stands. Secure well SDFN

5/23/2000 Csg press. 500#, blow well down. RIH with tbg. Tag up 4740'. RU air unit, start clean out, clean out to 5360'. Tag up on comp plug. Unload well. Recovered 100 bbls of fluid. Rd air unit, POOH with 116 stands, drill collars and wash pipe with shoe. RIH With packer and 20 stands of tbg. Secure well SDFN.

5/24/2000 Csg an tbg. Press. 60#, blow well down, RIH with tbg to 5343'. Set (retrievematic) packer and test plug to 3000#. Held ok. Release and move packer. Test csg, found leak between 4375'-4406'. 3bpm/ 100#. POOH with tbg. and packer. Secure well SDFN.

5/25/2000 Csg. Press. 0# RU wireline unit, RIH with perf gun. Shot 4 squeeze holes at 5190' and at 5015'. POOH with perf gun. RD Wireline. RIH with 4.5" cement retainer and 83 stands of tbg. Set retainer at 5185'. Secure well SDFN.

5/26/2000 RU cement pump unit, test lines to 3000#. Est. Injection rate, 1.8bpm/1529#. Start cement, pump 11.7 bbls of cement, displace with 20 bbls, sting out of retainer, 1300 # under retainer. Rd cement unit, POOH with setting tool. RIH with packer fullbore, to 4811'. Set packer. RU cement unit, try to pump into squeeze holes at 5015', press up to 2000#, couldnot pump into holes. RD Cement unit. Release packer, POOH with packer. RU wireline unit, RIH with perf gun to 4860', shot 4-squeeze hole. POOH with perf gun. RD wireline unit, RIH with cement retainer to 4809'. Set. RU cement unit, test lines to 3000#., est. rate at 1.7bpm / 750#, pump 85 sacks of cement, press down to 484# during cement pad, displace with 18bbls, press up to 1200#, sting out of retainer. 820# under retainer. RD cement unit. POOH with setting tool, RIH with packer, to 3970'. Set. load back side, 500#. Test line to 3000#. Est. Rate 1.7bpm/ 95#, pump 30 bbls of cement well on vacuum, start displace, displace with 18 bbls. Press coming up to 30#. Hesitate last 3 bbls of displ. Press up to 200#. RD cement unit. Secure well SDFN

5/30/2000 Csg. Press. 0# open well, release packer. POOH with tbg, and packer. RIH with bit, drill collars and tbg. Tag cement at 4282'. RU power swivel, est. Circulation. Drill out cement to 4390'. Cement set up real hard. Seems to be hollow. Test hole, hole did not test. 1 bbl a min. At 700# RD swivel, POOH with tbg and drill bit. Secure well SDFN.

5/31/2000 Csg press. 0# RIH with full bore packer and tbg to 4081'. Set packer. RU cement unit, load backside and press up to 500#. Test lines to 3000#. est. rate. 2bpm / 960#. Start cement. Pump 38 bbls of cement. Displace with 14 bbls of water, press up to 2000#. Had to reverse circulate 3 bbls out PU tbg 2joints. Press back on to 2000# with in .2bbls of displacement. Shut tbg in with 1000# on it. Rd cement unit. Secure well SDFN

6/1/2000 Tbg. Press. 30# blow well down, release packer and POOH with tbg. and packer. RIH with bit, drill collars and tbg. Tag up cement at 3999'. RU swivel, drill out to 4064'. Drill and clean out 65'. PU tbg to 4031'. Secure well SDFN.

6/2/2000 Csg. Press 0# RIH with tbg. Tag cement 4064'. Drill and clean out cement to 4245'. Cement still not set up to good. PU tbg. 5 Stands. Secure well SDFN.

6/5/2000 0# press. Csg. RIH with tbg, tag up on cement 4245'. RU power swivel, drill out cement 4360'. Test squeeze to 2000# held good, test for 30 mins. Rd power swivel, RIH with tbg. Tag up 4800'. Drill out cement retainer, chase to 4815'. Circulate clean. Pull up tbg to 4750'. Secure well SDFN

6/6/2000 0# press. Csg. RIH with tbg. Tag up 4815' drill out and clean out to 5185', tag up on retainer. Drill out retainer. Drill out of cement at 5200'. Clean out to 5360' tag up on comp. Plug. Circulate hole. Pull out of hole with 15 stands. Secure well SDFN

6/7/2000 Csg. Press. 0# POOH with tbg and drill collars/bit. Load csg, test to 3000# held ok. RU wireline unit. Run CBL from 5366' to 3500'. Rd wireline, send log to eng. Secure well SDFN.

6/8/2000 RIH w/3 7/8" metal muncher on 2 3/8" work sting. Unloaded hole. Drilled out composite plug @ 5360'. Cleaned out to 5390'. PUH to 5079'. SWION.

6/9/2000 RIH w/ 3 7/8" metal muncher. Tagged @ 5390'. Cleaned out to 5575'. Well would not flow. Tried to load hole. Well went on vacuum. SWION.

6/12/2000 POOH w/ metal muncher and tbq. SWI and secured. Prep to frac.

6/13/2000 Held safety meeting. RU BJ services. Tested lines to 3000 lb and set pop off @ 2920 lb. Frac'd point lookout w/ 3585 bbls slick water and 61,000 lb 20/40 Brady sand. Avg rate 58 bpm - avg pres 2784 psi - isip 0 psi. SWION.

6/14/2000 Held safety meeting. RU Blue Jet. RIH w/ 4 1/2" composite plug - set @ 5375'. POOH w/ tools. Tried to test composite plug - wouldn't test. RD Blue Jet. RIH w/ tbq and pkr to 5365'. Tested composite plug to 3000 psi - held ok. MUH w/ pkr to 5340' - found hole in csg @ 5340' - 5308' - 4700' - 4375'. Pumped into hole in csg @ 3 bpm @ 900 lb. MUH w/ pkr - set @ 4330' - csg held @ 2000' - no leak off. POOH w/ tbq and pkr. SWION.

6/15/2000 Held safety meeting. RU Blue Jet. RIH w/ perforating gun - perforated the Menefee formation @ 5350' - 46' - 42' - 5298' - 94' - 5284' - 80' - 76' - 5228' - 5197' - 93' - 89' - 85' - 67' - 63' - 59' - 55' - 51' - 47' - 43' - 39' - 12' - 08' - 5097' - 93' - 60' - 56' - 50' - 5052' - w/ 2 spf. Total of 56 holes. Perforated the Cliff house formation @ 4978' - 74' - 60' - 56' - 52' - 38' - 34' - 30' - 26' - 05' - 01' - 4897' - 93' - 89' - 4885' - w/ 2 spf. Total of 30 holes. POOH w/ tools. RIH w/ tbq & treating pkr. Set pkr @ 4715'. RU BJ services. Tested lines to 3000 psi and set pop off @ 2920 acidized & balled out the Menefee & Cliffhouse formation. Pumped 3000 gals 15% HCl acid @ 5.5 bpm. Dropped 2 ball sealers per 1 bbl. Total of 128 ball sealers. Good ball action. Flushed w/ 24 bbl slick water. Balled out @ 2980' - avg treating pressure 2380' - avg rate 5.8 Bpm. RIH w/ junk basket - retrieved 119 ball sealers and had 89 hits. Rd Blue Jet. SWION.

6/16/2000 Held safety meeting. RU BJ services. Tested all lines to 3000 lb. Set pop off @ 2950 psi. Frac'd the Menefee & Cliffhouse in one single stage w/ 4559 bbl slick water & 105,520 lb of 20/40 brady sand. Avg rate 61.7 bpm - avg pressure 2789 psi - isip 656 psi. 5 min 571 psi - 10 min 505 psi - 15 min 447 psi. Opened well up to blow down tank. 140 psi on well when opened. Flowed for 30 min. Well went on vacuum. SWION.

6/19/2000 Held safety meeting. RU blouey line. Opened well. Csg pressure 330 psi. Blowed well down. RIH w/ metal muncher & tbq to 5085'. RU air unit & unloaded well. Started cleaning out Cliffhouse & Menefee. Well flowing 26 bbl fluid per hr & 1/2 gal sand per hr recovered 250 bbl water. PUH to 4480'. SWION.

6/20/2000 Held safety meeting. Csg pressure 500 psi. Opened up well. Bleed well down. RIH w/ mill - tagged sand @ 5300'. RU air unit & unloaded well. Cleaned out from 5300' to composite plug @ 5368'. Cleaned out 18' below bottom perms. Circulated hole w/ air unit. Avg pressure on air pack 550 psi - avg return fluid 20 bbl per hr & 1/2 gal sand per hr. PUH to 5001' w/ tbq. Started testing the Cliffhouse & Menefee @ 4 pm. Well loaded up & died @ 9 pm. SWION.

6/21/2000 Held safety meeting. Csg pressure 25 psi. Opened well up. RIH w/ mill to 5368'. RU air unit & unloaded well. RU swivel & run down to 5375'. Drilled out composite plug. Circulated hole w/ air pack. Avg pressure to lift fluid 600 psi. Well making 22 bbl water per hr & 1/2 gal sand per hr. Circulated well w/ air for 4 hrs. No change. POH to 4445'. SWION. Recovered 150 bbl water. Total water recovered 650 bbl.

6/22/2000 Held safety meeting. Csg pressure 50 psi. Opened well up. RIH w/ mill - tagged sand @ 5494'. RU air unit & unloaded well. Cleaned out well down to 5593' - 29 ft below bottom perms on point lookout formation. Circulated hole w/ air for 2 hrs - avg 20 bbl water per hr - 1 1/2 gal sand per hr. PUH to 4675'. Circulated well w/ air down the csg & out the tbq for 1 hr. Shut Air off - well flowed for about 1 hr - well died. Recovered 200 bbl water - total water recovered 900 bbl. Swion.

6/23/2000 Held safety meeting. POOH w/ mill & tbq. RIH w/ 4 1/2" rbp & pkr no 2 3/8" tbq. Set rbp @ 4875' and pkr @ 4837'. Pressure test csg, would not hold. Could pump into hole @ 3 bpm @ 300#. Moved rbp to 4837' and pkr to 4775'. Pressure test csg. Would not hold. Could pump into hole in csg @ 2 bpm @ 1500#. Moved rbp to 4438' and pkr. to 4307'. Pressure test csg. Would not hold. Could pump into hole in csg @ 1/4 bpm @ 1500#. Moved rbp to 4314' and pkr. Pressure test csg to 1500#. Csg held ok. Moved rbp to 4870'. Isolated all perms. RU air unit and unloaded hole. Circulated hole for 2 hrs. Made 15 bph through holes in csg. POOH w/ rbp and Pkr. SWION

6/26/2000 Held safety meeting. Csg 500 psi. open well up. Bleed well down. RU Blue Jet. RIH w/4 1/2" composite plug and set @ 5375' above perms on Point Lookout and set composite plug @5000' above perms on Menefee. Set composite plug @4870' above perms on Cliffhouse. POOH w/ tools. Rig down Blue Jet. RIH w/ 4 1/2" cement retainer set @ 4713'. SWION

6/27/2000 Held safety meeting. Squeezed from 4713' to 4870'. RU BJ service cement pumps. Tested lines to 3000#. Ok. Loaded back side w/51 bbl water. Est rate @ 2 bpm @ 0 psi. Started cement. Pumped 50 sx premium lite + 1% caciz + 3% kcl. 18.5 bbl slurry. Displaced W/ 18 bbl of water. After displacing 15 bbl water pressured up to 1400# @ 1 bpm. Lost all pressure. Pumped 2 more bbl caught pressure 1400# @ 1 bpm . Lost all pressure. Stung out of cement retainer. POOH w/ tbg. Second squeeze from 4713' to 4340'. Est rate @ 1/8 bpm @ 1900#. RIH w/ tbg to 4690'. Pumped balanced cement plug. Pumped 7 bbl slurry. Displaced w 15 bbl water. POOH W/ tbg. Pressured up to 1500# and started squeezing @ 1/2 bpm. Pumped 2 more bbl @ 1/2 bpm @ 1500#. Shut down for 15 min. Csg Leaked off to 1466#. Pressured back up csg to 1500# held ok. Left pressure on well. SWION

6/28/2000 Held safety meeting. Csg pressure 1100#. Open well up. RIH w/ 3.875 bit & 6 drill collars 3 1/8" on 2 3/8 work string. Tagged cement @ 4259'. Drilled down to 4359'. Drilled out 100'. Shut down cement to soft. Circulated well clean and PUH to 4259'. SWION.

6/29/2000 Held safety meeting. RIH w/ 3 7/8 bit & 6 drill collars 3 1/8" on 2 3/8 work string. Tagged cement @ 4359'. Drilled out cement to 4713' down to cement retainer. Drilled 354' cement. Test upper squeeze to 500# for 30 min. Ok. SWION

6/30/2000 Held safety meeting. RIH w/ 3 7/8" bit & 6 drill collars 3 1/8" on 2 3/8" work string to 4713'. Drilled out cement retainer & cement down to 4820'. Circulated hole clean. PUH to 4700'. SWION.

7/5/2000 Held safety meeting. Opened well. RIH w/ 3 7/8" bit & 6 drill collars 3 1/8" on 2 3/8" work string to 4810'. Drilled down to composite plug @ 4870'. Tested squeeze to 500 lb for 1 hr. Held ok. SWION.

7/6/2000 Held safety meeting. POOH w/ 3 7/8" bit& 6 drill collars 3 1/8" on 2 3/8" work string. RIH w/ 3 7/8" metal muncher to 4870'. RU Air unit. Started to unload well. Air unit lost oil pump. SWION.

7/7/2000 Held safety meeting. RU air unit. Unloaded well. RIH w/ 3 7/8" metal muncher & 6 drill collars 3 1/8" on 2 3/8" work string. Drilled out composite plug that is over the Cliffhouse formation. SWION.

7/10/2000 Held safety meeting. Opened well & bleed well down. RIH w/ 3-7/8" metal muncher & 6 drill collars 3 1/8" on 2 3/8" work string to 4870'. Drilled out composite plug & cement. Drilled to 4872'. Had to shut down operation due to clutch plate bearings on work over rig. SWION.

7/11/2000 Held safety meeting. RIH w/ 3 7/8" bit & 6 drill collars 3 1/8" on 2 3/8" work string to 4872'. Drilled out plug & cement to 4874'. SWION.

7/12/2000 Held safety meeting. Opened well up - bleed well down. RIH w 3-7/8" bit & 6 drill collars 3 1/8" on 2 3/8" work string to 4874'. Drilled cement & plug from 4874' to 4878'. Circulated hole clean. PUH, SWION.

7/13/2000 Held safety meeting. Opened well up - bleed well down. RIH w/ 3-7/8" bit & 6 drill collars 3 1/8" on 2 3/8" work string to 4878', drilled to 4880'. Shut drilling down - appears to be drilling outside of csg. Caught samples on return- appears to be shell. Came out of hole - laying 2 3/8" work string down on float. SWION.

7/14/2000 Held safety meeting. POOH w/ drill collars & 2 3/8" work string. Laid down tbg & collars on float. RIH w/ magnetic thickness too L. Logged from 4874' to 4000'. MTT log showed hole in csg @ 4874'. Log showed bad csg from 4874' to 4300'. SWION.

7/17/2000 Held safety meeting. RDMO.

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