

Submit to Appropriate  
District Office  
State Lease - 6 copies  
Fee Lease - 5 copies  
**DISTRICT I**  
P.O. Box 1980, Hobbs, NM 88240

**DISTRICT II**  
P.O. Drawer DD, Artesia, NM 88210

**DISTRICT III**  
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-105  
Revised 1-1-89

**OIL CONSERVATION DIVISION**  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL AP NO.  
30-045-08244

5. Indicate Type of Lease  
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well:  
OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐

b. Type of Completion:  
NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF RESVR ☒ OTHER ☐

2. Name of Operator  
Conoco Inc.

3. Address of Operator  
P. O. Box 2197, DU 3084 Houston TX 77252-2197

4. Well Location  
Unit Letter L : 1650' Feet From The SOUTH Line and 990' Feet From The WEST Line  
Section 16 Township 29N Range 8W NMPM SAN JUAN County

10. Date Spudded 08/26/1970 11. Date T.D. Reached 08/30/1970 12. Date Compl. (Ready to Prod.) 03/19/2002 13. Elevations (DF & RKB, RT, GR, etc.) 6518' 14. Elev. Casinghead

15. Total Depth 5710 16. Plug Back T.D. 5691 17. If Multiple Compl. How Many Zones? 1 18. Intervals Drilled By Rotary Tools X Cable Tools

19. Producing Interval(s), of this completion - Top, Bottom, Name  
3230-3265 - Blanco Pictured Cliffs 20. Was Directional Survey Made No

21. Type Electric and Other Logs Run  
Cement Bond Log 22. Was Well Cored No

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"	25.4#	171'	13-3/4"	125 sx	
7"	20 & 23#	4782'	8-3/4"	500 sx	
4-1/2"	10.5#	5710'	6-1/4"	125 sx	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"	5605'	

26. Perforation record (interval, size, and number)  
3230-3265 - Please see attached daily summary for more detailed information.

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
3230-3265	Frac'd w/69,500# sand; 710 bbls of fluid & 348,000 scf N2

28. **PRODUCTION**

Date First Production <u>03/21/2002</u>	Production Method (Flowing, gas lift, pumping - Size and type pump) <u>Flowing</u>	Well Status (Prod. or Shut-in) <u>Producing</u>					
Date of Test <u>03/18/2002</u>	Hours Tested <u>24 hrs</u>	Choke Size <u>1/2"</u>	Prod'n For Test Period <u>1 bbl</u>	Oil - Bbl. <u>297 MCFPD</u>	Gas - MCF <u>5 bbls</u>	Water - Bbl. <u></u>	Gas - Oil Ratio <u></u>
Flow Tubing Press. <u>45#</u>	Casing Pressure <u>85#</u>	Calculated 24-Hour Rate <u></u>	Oil - Blbl. <u></u>	Gas - MCF <u></u>	Water - Bbl. <u></u>	Oil Gravity - API - (Corr.) <u></u>	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Sold Test Witnessed By  
J. Balkus & V. Barrios

30. List Attachments  
Daily Summary Report & CBL

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

Signature Yolanda Perez Printed Name Yolanda Perez Title Sr. Regulatory Analyst Date 04/10/2002

## Daily Summary

API 300450824400	County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location NMPM-29N-8W-16-L	NS Dist. (ft) 1650.0	NS Flag S	EW Dist. (ft) 990.0	EW Flag W
Ground Elev (ft) 6568.00	Spud Date 1/1/1954	Rig Release Date	Latitude (DMS) 36° 43' 21.576" N	Longitude (DMS) 107° 41' 8.52" W			

Start	Ops This Rpt
3/5/2002	Held safety meeting, warm up rig and drive to location, held safety meeting, spot in rig, spot in pump/pit and gas compressors, rig up all equipment, check well psi's - tubing = 65lbs, casing = 140lbs, blow down well, kill tubing, remove well head, rig up bop's and woodgroup to test, test bop's, okay, rig down wood group, work donut loose, pick up 2 joints of tubing and tag bottom (5688'), pull / strap out of hole (schematic showed 184 joints-5664', actual - pulled 183 joints - 5638'), shut in well, drain up equipment, shut down. will have security on this well as it is only 1 mile away and easy to see from the main hwy.
3/6/2002	held safety meeting, pick up/make up 7" rbp, would not go, tried 5 1/2" mill, it would not go, wrong info, called houston to ray lewis, found a 4 1/2" long string was run in 1970, talked to lucas brazon, wait on and run 4 1/2" rbp to 4789' with 156 joints, (old top perf at 4832'), fill hole with 2% Kcl water, test to 600 psi, okay, pull out of hole with retrieving head, rig up blue jet, held safety meeting, ran cbl/gamma ray from 4788' - 2500', (cmt to 3700'), shoot 3 squeeze holes at 3490', rig up and pump down 4 1/2" & out holes & break circulation up between 4 1/2" and 7", went to 1000psi to circulate, good circulation, close in well, drain up, shut down, security watch tonight.
3/7/2002	Held safety meeting with rig crew and BJ crew, trip in hole with pkr 51 stands to 3158' - 332' above squeeze holes (3490'), set pkr w/12,500lbs, put 500 psi on backside, pump down tubing to establish good circulation, rig up BJ, held 2nd safety meeting before cement job, test lines to 3000K, pump 10 bbl spacer with dye, pump (225 sks) 81 bbl premium lite HS FM & add., shut down wash pumps / lines, displace with 16.5 bbl (1300psi), close in with 1.5 bbl to pump, shut in with 1000 psi, good circulation during job, rig down BJ, shut down, drain equipment. will have security watch tonight.
3/8/2002	Held safety meeting, check well - tubing on slight vacuum, rig up pump and test to 1000lbs - okay - good test, release psi on tubing and casing, release pkr and pull out of hole, lay down tools, go back in hole with cement bit, run 85 joints - shut down for wind storm, stand by rest of day waiting for wind to die down, drain equipment, close in well, will have security watch this weekend as well is so close to main road.
3/11/2002	Held safety meeting, got equipment running, go in hole and tag cement at 3410', 80' to drill out, pick up power swivel, drill out cement, circulate well, pull stripping rubber and run pkr 1 joint and test to 3000lbs, okay - good test, lay down pkr and pull out of hole, lay down bit, rig up frac valve, rig up blue jet, held safety meeting PERFORATE WELL AT 3218' - 3228' 10feet 1/2 SPF 6 holes .34" dia 12G 90deg 3230' - 3240' 10feet " 6 " " " " 3243' - 3248' 5 feet " 6 " " " " 3255' - 3265' 10feet " 6 " " " " 24 total rig down wire line, close in well, drain pump, shut down, will have security for tonight.
3/12/2002	Held safety meeting with all service companies before allowing on location, spot in stinger - rig up / run in hole, spot in blue jet, rig up BJ to frac the PICTURED CLIFFS formation. held safety meeting, test lines to 4000 psi - okay, set pop off at 2732 psi, break down at 21 bpm & 1286 psi, ball off at 21 bpm -1375psi - dropped 15 balls at 1 bpb 2 balls at 2 bpb for remaining - total 29balls - saw 5 good breaks and several small breaks - did not ball off - psi 1450 - 2690, rig down stinger and up blue jet, run junk basket and retrieve 26 balls, rig down blue jet (release from location), rig up stinger and BJ, reset pop off to 2700lbs, step rate (200 bbls) at 35 bpm & 2475, 26.7 bpm & 1650lbs, 15 bpm & 698 lbs, isip=195psi, 5min=94, 10=62, 15=43, 20=27psi down to 0, foam pad (200bbl) at 34 bpm and 1800psi, pump 1st stage at 36 bpm -1648psi w/ 1#sand - 69bbl, 2nd stage w 2# sand - 1530psi & 35.4 bpm (113bbl), 3rd stage - 3# sand - 1485psi & 34.5 bpm (85bbl), flush- 45 bbl from 35 bpm down to 4 bpm for soft shut in, isip=1220psi, 5 min=790psi, Sand 69,500lbs 20/40, total N2 =348K scfm, fluid=710bbls to recover, rig down.
3/13/2002	Held safety meeting, check well for psi - after over night flowing at 160lbs on 1/8" choke, rig up and put on 1/4" choke - continue to flow, closed well in, rig up blooie lines and gas compressors, open back on 1/4" choke - flow rest of day and over night.
3/14/2002	Held safety meeting, check well - flowing over night at 160lbs on a 1/4" choke, blow down, kill well and go in hole 99 joints to 3000', stand by till had flare/heat protection set up for electric lines/ poles/ boxes, rig up and flow on 2" over night. security watch over night.
3/15/2002	Held safety meeting, check well flowing up tubing at 6lbs, 120lbs casing, blow and go in hole to check for sand - 180 feet, rig gas compressors and clean out sand with soap sweeps, pull up to 3200' and flow up tubing over weekend,
3/18/2002	Held safety meeting, FINAL TEST TODAY, check tubing psi=6lbs, tubing set at 3200', (perfs 3218' - 3265') rig up 1 1/2" choke for 4 hour test of the pictured cliffs formation, after 4 hours - casing 85 psi, tubing 45 psi times factor of 6.6 = 297 MCFGPD, trace of oil (1 bbl oil per day), no sand, 5bbl water per day, witness by joe balkus and victor barrios. blow down well and trip in hole to 4680', pump soap sweeps and latch onto RBP, work loose and pull to 3070' close in well for night.
3/19/2002	Held safety meeting, blow well down, kill tubing and pull out of hole with tubing and RBP, lay down RBP, make up 2 3/8'S mule shoe and seating nipple and run 182 joints of 2 3/8's to 5605', land and make swab run to be sure tubing okay, nipple down bop's, make up well head, rig down all equipment and gas compressors, clean up location and get ready to move in the morning. security watch tonight.