

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 API NO. 30-045-30562
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

1a. Type of Well: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>	7. Lease Name or Unit Agreement Name Heaton LS
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER <input type="checkbox"/>	8. Well No. 6B
2. Name of Operator Conoco Inc.	9. Pool name or Wildcat Blanco Mesaverde
3. Address of Operator P. O. Box 2197, DU 3084 Houston TX 77252-2197	

4. Well Location Unit Letter <u>F</u> : <u>1715</u> Feet From The <u>North</u> Line and <u>2135</u> Feet From The <u>West</u> Line Section <u>33</u> Township <u>31N</u> Range <u>11W</u> NMPM <u>San Juan</u> County	10. Date Spudded 05/24/2001	11. Date T.D. Reached 05/30/2001	12. Date Compl. (Ready to Prod.) 11/16/2001	13. Elevations (DF & RKB, RT, GR, etc.) 5808 GR	14. Elev. Casinghead
15. Total Depth 5040	16. Plug Back T.D. 5000	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By XX	Rotary Tools	Cable Tools
19. Producing Interval(s), of this completion - Top, Bottom, Name Blanco Mesaverde					20. Was Directional Survey Made No
21. Type Electric and Other Logs Run CBL					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"	36	320	12-1/4"	139 sxs	
7"	20	1800	8-3/4"	291 sxs	
4-1/2"	10.5	5040'	6-1/4"	279	

24. LINER RECORD					25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
none					2-3/8"	4758	

26. Perforation record (interval, size, and number)		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
4642' - 4878'		DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
		4642' - 4878'	70Q 25 #foam, 150,000# 20/40 sand, 75
			443,000 scf N2
4146' - 4594'		4146' - 4594'	70Q 25# foam, 138000 20/40 sand, 65

28. PRODUCTION							
Date First Production 12/27/2001	Production Method (Flowing, gas lift, pumping - Size and type pump) flowing					Well Status (Prod. or Shut-in) producing	
Date of Test 11/15/2001	Hours Tested 24	Choke Size 1/2"	Prod'n For Test Period	Oil - Bbl. 0	Gas - MCF 2970	Water - Bbl. 1	Gas - Oil Ratio
Flow Tubing Press. na	Casing Pressure 450	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) sold	Test Witnessed By M. Mabe & C. Hernandez
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30. List Attachments CBL, deviation survey, C-104, daily summary
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 <u>Deborah Marberry</u> Printed Name <u>Deborah Marberry</u> Title <u>Regulatory Analyst</u> Date <u>01/09/2002</u>

## Daily Summary

API 300453056200	County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location NMPM-31N-11W-33-F	NS Dist. (ft) 1715.0	NS Flag N	EW Dist. (ft) 2135.0	EW Flag W
Ground Elev (ft) 5808.00	Spud Date 5/24/2001	Rig Release Date 5/30/2001	Latitude (DMS) 36° 51' 28.8288" N	Longitude (DMS) 107° 59' 49.8696" W			

Start	Ops This Rpt
6/1/2001	Rig up slickline. Tagged fill @ 4977'. Rigged down slickline. SHUT DOWN
6/7/2001	Rig up Schlumberger wireline. Ran TDT log from 4976' to 500'. Ran Gamma Ray from 500' to surface. Ran CBL Log from 4976' to 1600'. Ran log with 1000 psi on the casing. Top of good cement @ 2010' and free pipe @ 1860'. Rig down Schlumberger wireline. Test casing to 4300 psi. - OK. SHUT DOWN
6/13/2001	HELD SAFETY MEETING. INSTALLED FRAC VALVES.
6/14/2001	HELD SAFETY MEETING. RU BLUE JET. PERFORATED THE POINT LOOKOUT W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 4642' - 4644' W/ 1/2 SPF, 4656' - 4660' W/ 1/2 SPF, 4672' - 4682' W/ 1/2 SPF, 4700' - 4710' W/ 1/2 SPF, 4734' - 4738' W/ 1/2 SPF, 4746' - 4750' W/ 1/2 SPF, 4766' - 4772' W/ 1/2 SPF, 4870' - 4878' W/ 1/2 SPF. A TOTAL OF 32 HOLES. 0 # PRESSURE AFTER PERFORATING. SWI. RD BLUE JET.
6/16/2001	HELD SAFETY MEETING. RU HALLIBURTON. FRAC'D THE POINT LOOKOUT. TESTED LINES TO 5000 #. BROKE DOWN WELL @ 6 BPM @ 780 #. BROUGHT RATE UP TO 20 BPM @ 940 #. DROPPED 22 BALLS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING BALL SEALERS. DROPPED A TOTAL OF 39 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3400 #. RU BLUE JET. RIH W/ JUNK BASKET & RETRIEVED 39 BALL SEALERS. PUMPED 100 BBLS PRE-PAD @ 30 BPM @ 2600 #. ISIP 0 #. FRAC'D THE PL W/ 70 Q 25 # LINEAR FOAM, 150, 000 # 20/40 BRADY SAND, 751 BBLS OF FLUID, 443,000 SCF N2. AVG RATE 40 BPM. AVG PRESSURE 1590 #. MAX PRESSURE 3434 #. MAX SAND CONC 4 # PER GAL. ISIP 285 #. FRAC GRADIENT .41. RU BLUE JET. RIH W/ 4 1/2" COMPOSITE PLUG. SET @ 4622'. TESTED PLUG TO 4300 #. HELD OK. PERFORATED THE MENEFFEE W/ 3 1/8" 90 DEGREE PP SELECT FIRE PERFORATING GUN. PERFORATED FROM 4146' - 4150' W/ 1/2 SPF, 4189' - 4193' W/ 1/2 SPF, 4308' - 4314' W/ 1/2 SPF, 4350' - 4352' W/ 1/2 SPF, 4374' - 4378' W/ 1/2 SPF, 4384' - 4388' W/ 1/2 SPF, 4442' - 4450' W/ 1/2 SPF, 4514' - 4520' W/ 1/2 SPF, 4584' - 4594' W/ 1/2 SPF. A TOTAL OF 33 HOLES. FRAC'D THE MENEFFEE. BROKE DOWN WELL @ 5 BPM @ 807 #. BROUGHT RATE UP TO 15 BPM. DROPPED 20 BALL SEALERS @ 1 BALL PER BBL & 2 BALLS PER BBL FOR REMAINING FOR BALL SEALERS. DROPPED A TOTAL OF 40 BALL SEALERS. GOOD BALL ACTION. BALLED OFF @ 3400 #. RU BLUE JET. RIH W/ JUNK BASKET & RETRIEVED 40 BALL SEALERS. RD BLUE JET. PUMPED 150 BBLS PRE-PAD @ 35 BPM @ 2778 #. STEPPED DOWN RATE TO 20 BPM @ 1580 #. STEPPED DOWN RATE TO 10 BPM @ 1078 #. ISIP 563 # - 5 MIN 380 # - 10 MIN 307 # - 15 MIN 253 #. FRAC'D THE MENEFFEE W/ 70 Q 25 # LINEAR FOAM, 138,000 # 20/40 BRADY SAND, 651 BBLS OF FLUID, 695,830 SCF N2. AVG RATE 45 BPM. AVG PRESSURE 3209 #. MAX PRESSURE 3419 #. MAX SAND CONC 4 # PER GAL. ISIP 1820 #. FRAC GRADIENT .56. SWI. RD HALLIBURTON.
10/31/2001	Road rig to location. Rigged up. Spotted all equipment. Checked well pressures. Csg - 1800 psi. Blow well down thru 1/4" choke nipple. SHUT DOWN
11/1/2001	Checked well pressure. Csg - 950 psi. Flowed well back. Rigged up Blowie line. Rigged up Weatherford air package. SHUT DOWN
11/2/2001	Checked well pressure. Csg - 1260 psi. Blow well down. Killed well. ND Frac valve. NUBOP. Prep well for squeeze job. SHUT DOWN
11/5/2001	Checked well pressures. Csg - 1260 psi. Blow well down. Rigged up Blue Jet. Set Hallib Composite plug @ 2100'. Load casing and test casing and plug to 2000 psi. - OK. Perforate 4 squeeze holes @ 1850'. Checked pressure on 7" intermediate casing, 460 psi. Blow down 7" intermediate casing. Pumped down 4 1/2" casing thru squeeze holes. Pumped 80 bbls, would not circulate out the 7" casing, pressured up. Pumped down the 7" casing. Pumped 22 bbls and pressured up to 1500 psi. Notified Charlie Perrin with the NMOC about squeeze job. SHUT DOWN
11/6/2001	RIH with Hallib 4 1/2" Cement retainer with 2 3/8" tbg. Pumped thru tubing and retainer. Set retainer @ 1815'. Tested casing and tubing to 2000 psi. - OK. Left 500 psi. on the backside. Rigged up BJ to squeeze. Established rate 1 BPM @ 1300 psi. Pumped 100 sks of Type III neat cement @ 14.5# @ 2 BPM @ 1300 psi. Dropped rate to 1.3 BPM on displacement. Final shut in 1600 psi. Stung out of retainer, reversed out. POOH with tubing, and setting tool. SHUT DOWN
11/7/2001	SICP: 0 PSI. RU BLUE JET. RAN CBL FROM 1800' SURFACE. CBL DID NOT SHOW ANY CEMENT UP PAST CASING SHOE. CONTACTED NMOC AND ADVISED OF NO CEMENT UP PAST SHOE. OK TO PERF @ 1650'. PERF'D 4 1/2" CASING @ 1650'. PUMPED INTO PERFS AND BROKE CIRC OUT INTERMEDIATE CSG WITH 8 BBLS FRESH WATER. RU HALLIBURTON. MIXED AND PUMPED 200 SX CL B NEAT CEMENT, 1.39 YIELD, 14.8 PPG @ 2.5 - 1.8 BPM @ 100-0-400 PSI. DID NOT CIRCULATE CEMENT BUT HAD FULL CIRC OUT INTERMEDIATE CASING THROUGHTOUT CEMENT JOB. DISPLACED CEMENT TO 1450'. RD HALLIBURTON. SWI-SDON.
11/8/2001	SICP: 0 PSI. TIH WITH BIT AND BHA. TAGGED CEMENT @ 1488'. BROKE CIRC AND DRILLED SOFT CEMENT FROM 1488' - 1615'. CIRC'D HOLE CLEAN.WOC. SWI-SDON.

## Daily Summary

Start	Ops This Rpt
11/9/2001	SICP: 0 PSI. DRILLED CEMENT FROM 1615'-1655'. FELL OUT OF CEMENT @ 1655'. CIRC'D CLEAN. PRESSURE TESTED CASING TO 500 PSI. TEST OK. TIH AND TAGGED CMT RET @ 1815'. DRILLED CMT RET FORM 1815'-1817'. DRILLED CEMENT FROM 1817'-1852'. CORC'D WELL CLEAN. PRESSURE TEST 4 1/2" CASING TO 500 PSI, TEST OK. NOTIFIED BRUCE MARTIN W/NMOC AND INFORMED HIM OF THE CEMENT JOB AND THE CASING WILL PRESSURE TEST FOR 30 MINS. HE SAID NO NEED FOR ANOTHER CBL.
11/12/2001	SICP: 0 PSI. PRESSURE TESTED 4 1/2" CASING TO 500 PSI, TEST OK. TOH WITH TBG & BHA. TIH WITH BIT, BIT SUB W/ FLOAT, (6) 3 1/8" DC'S, X-O ON 2 3/8" TBG. TIH TO 1900'. BUILT MIST AND UNLOADED HOLE. STARTED HAVING PROBLEMS WITH AIR PKG. CHANGED OUT FUEL FILTERS ON AIR UNIT. SWI-SDON.
11/13/2001	SICP: 0 PSI. BUILT MIST. DRILLED FAS-DRIL PLUG @2100'. PRESSURE INCREASED FROM 400 PSI TO 800 PSI. TIH & TAGGED SAND @ 4584'. C/O FROM 4584'-4622'. CIRC HOLE CLEAN @ 4622' FOR 1 1/2 HRS. PUH TO 4055'. FLOW TEST WELL FOR 3 HRS TO PIT. TEST INFO AS FOLLOWS:  CHOKE SIZE: 1/2 PERFS: 4146'-4594' FCP: 250 PSI. SITP: 0 PSI. EST'D FLOW RATE: 1650 MCF/D 1 BBL WATER 0 BBL OIL SWI-SDON.
11/14/2001	SICP: 795 PSI. SITP: 0 PSI. BLED WELL DOWN TO PIT IN 1 HOUR. TIH AND DRILLED FAS-DRIL PLUG @ 4622'. CONT'D TIH TO 5027'. DID NOT TAG SAND. CIRC'D HOLE CLEAN FOR 2 HRS. PUH TO 4055'. SWI-SDON.
11/15/2001	SICP: 960 PSI. BLED WELL DOWN. TIH AND TAGGED @ 5026'. NO FILL. PUH TO 4055'. FLOW TEST WELL TO PIT FOR 6 HRS. FLOW TEST AS FOLLOWS: CHOKE SIZE: 1/2" PERFS: 4146'-4594' (MENELEE) 4642'-4878' (POINT LOOKOUT) SITP: 0 PSI FCP: 450 PSI. WATER: 10 BBLS IN 6 HR TEST OIL: TRACE EST'D FLOW RATE: 2970 MCF/D TUBING WILL BE LANDED @ 4758' WITNESSED BY MARK MABE AND CRESENCIO HERNANDEZ  SWI-SDON.
11/16/2001	SICP: 960 PSI. SITP: 0 PSI. TIH AND TAGGED @ 5026'. BUILT MIST AND BLEW HOLE CLEAN FOR 1 HOUR. TOH AND LD DC'S AND BIT. TIH WITH 150 JTS 2 3/8" 4.7#/FT J55 8RD NEW EUE TUBING, SN, & PUMP OUT PLUG. DRIFTED ALL TUBING WITH DRIFT ON SANDLINE. LANDED TUBING @ 4758' PUMPED OUT P-O-PLUG WITH WATER. ND BOP. NU TREE. PREP TO RDMO.

Conoco Inc.  
Heaton LS 6B Formation Tops  
Unit Ltr. F - Sec. 33-T31N-R11W, San Juan Co., NM  
API 30-045-30562

<u>Ojo Alamo</u>	<u>745</u>
<u>Kirtland</u>	<u>1060</u>
<u>Fruitland Fma</u>	<u>1841</u>
<u>Pictured Cliffs</u>	<u>2321</u>
<u>Base Pictured Cliffs</u>	<u>2522</u>
<u>Huerfanito Bentonite</u>	<u>3075</u>
<u>Chacra</u>	<u>3410</u>
<u>Upper Cliffhouse</u>	<u>3856</u>
<u>Massive Cliffhouse</u>	<u>4038</u>
<u>Menefee</u>	<u>4127</u>
<u>Point Lookout</u>	<u>4669</u>

# ***BURLINGTON RESOURCES***

## **Nye Federal Com #1B Multi-Point Surface Use Plan**

1. Existing Roads - Refer to Map No. 1. Existing roads used to access the proposed location will be properly maintained for the duration of the project. Bureau of Land Management right-of-way has been applied for as shown on Map No. 1.
2. Planned Access Road - Refer to Map No. 1. No new access road is required.
3. Location of Existing Wells - Refer to Map No. 1A.
4. Location of Existing and/or Proposed Facilities if Well is Productive -
  - a. On the Well Pad - Refer to Plat No. 1, anticipated production facilities plat.
  - b. Off the Well Pad - Anticipated pipeline facilities as shown on the attached plat from El Paso Field Services.
5. Location and Type of Water Supply - Water will be hauled by truck for the proposed project and will be obtained from San Juan River at Blanco Bridge located in SE/4 Section 18, T-29-N, R-9-W, New Mexico.
6. Source of Construction Materials - If construction materials are required for the proposed project, such materials will be obtained from a commercial quarry.
7. Methods of Handling Waste Materials - All garbage and trash materials will be removed from the site for proper disposal. A portable toilet will be provided for human waste and serviced in a proper manner. If liquids are left in the reserve pit after completion of the project, the pit will be fenced until the liquids have had adequate time to dry. The location clean-up will not take place until such time as the reserve pit can be properly covered over to prevent run-off from carrying waste materials into the watershed. Reserve pits will be lined as needed with either 12 mil bio-degradable plastic liner or a bentonite liner. All earthen pits will be so constructed as to prevent leakage from occurring; no earthen pit will be located on natural drainage. Generation of hazardous waste is not anticipated. Federal regulations will be adhered to regarding handling and disposal of such waste if so generated.
8. Ancillary Facilities - None anticipated.
9. Wellsite Layout - Refer to the location diagram and to the wellsite cut and fill diagram (Figure No. 4). The blow pit will be constructed with a 2'/160' grade to allow positive drainage to the reserve pit and prevent standing liquids in the blow pit.