

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.
30-039-26688

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name
SAN JUAN 28-7 Unit

8. Well No.
130E

9. Pool name or Wildcat
BLANCO MESAVERDE

WELL COMPLETION OR RECOMPLETION REPORT

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 F: 2200' Feet From The NORTH Line and 1900' Feet From The WEST Line
Section 2 Township 27N Range 7W NMPM RIO ARRIBA County

10. Date Spudded 06/09/2001	11. Date T.D. Reached 06/18/2001	12. Date Compl. (Ready to Prod.) 11/02/2001	13. Elevations (DF & RKB, RT, GR, etc.) 6140 GR	14. Elev. Casinghead
15. Total Depth 7620	16. Plug Back T.D. 7254	17. If Multiple Compl. How Many Zones?	18. Intervals Drilled By Rotary Tools <input checked="" type="checkbox"/> Cable Tools	
19. Producing Interval(s), of this completion - Top, Bottom, Name Blanco Mesaverde 4440-5110				20. Was Directional Survey Made No
21. Type Electric and Other Logs Run None				22. Was Well Cored No

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#	339'	12-1/4"	220 sacks	
7"	20#	3315'	8-3/4"	450 sacks	
4-1/2"	10.5#	7257'		430 sacks	

24. LINER RECORD				25. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2-3/8"	7141'

26. Perforation record (interval, size, and number) 4440-5110 Please daily summary for detailed information	27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 4994-5110 Frac 10/19 - Please see daily 4792-4904 Frac 10/19 - Please see daily 4440-4526 Frac 10/20 - Please see daily
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PRODUCTION

28. Date First Production 11/09/2001		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Producing	
Date of Test 11/01/2001	Hours Tested 24	Choke Size 1/2"	Prod'n For Test Period 0	Oil - Bbl. 660	Gas - MCF 0	Water - Bbl. 0	Gas - Oil Ratio
Flow Tubing Press. 100#	Casing Pressure 400#	Calculated 24-Hour Rate 0	Oil - Bbl. 660	Gas - MCF 0	Water - Bbl. 0	Oil Gravity - API - (Corr.)	
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold						Test Witnessed By G. Maez w/Key Energy	

30. List Attachments
Daily Summary Report and Formation tops

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 11/12/2001

CONOCO
San Juan 28-7 Unit #130E Formation Tops
Unit Ltr. F – Sec. 2-T27N-R7W, Rio Arriba Co., NM.

Ojo Alamo	1975	4164
Kirtland	2088	4051
Fruitland Fm.	2534	3605
Picture Cliffs	2753	3387
Lewis	3153	3787
Chacra	3706	2433
Cliffhouse	4401	1738
Menefee	4531	1608
Point Lookout	4988	1151
Gallup	6225	-85
Greenhorn	6905	-765
Graneros	6965	-825
Two Wells	6995	-855
Paguate	7109	-990
Cubero	7130	-1022

Daily Summary

API	County	State/Province	Surface Legal Location	NS Dist. (ft)	NS Flag	EW Dist. (ft)	EW Flag
300392668800	RIO ARRIBA	NEW MEXICO	NMPM-27N-7W-2-F	2200.0	N	1900.0	W
Ground Elev (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)			
6140.00	6/9/2001	6/18/2001	36° 36' 15.39" N	107° 32' 41.7552" W			

Start	Ops This Rpt
10/12/2001	Safety mtg. MI rig. Rig maintaine. SD for weekend.
10/15/2001	Safety mtg. 600 psi SICP. 500 psi SITP. Bled down csg. Kill tbg. ND WH. Set BPV in tbg hgr. NU 5m# BOP stack (Knight Rental). Test BOPs, blind rams 250/5000 psi (OK), Pipe rams 250/5000 psi (OK). Pull BPV. POH w/ 225 jts 2 3/8", 4.7# production tbg. Note: Tbg seems to already be affected by corrosion although it has only been in well 3 months. SION.
10/16/2001	Safety mtg. Rig Maint. Clean out air lines. Replace valves on air tanks. Wait on frac procedures from Eng. dept. (server problems). Recieved MV frac procedure 4:30 pm. SION
10/17/2001	Safety mtg. RU BlueJet WL. Wait on CBP. RIH w/ CBP and set CBP @ 5210'. Fill csg with 2% KCL water and test csg & CBP to 4300 psi. OK. RIH w/ Select Fire guns (3 1/8", 90 deg. PP, 12 gr. 306T chgs, .34" dia.). Shoot from bottom up as follows: 5110' - 5104' w/ 4 holes @ .5 spf; 5076' - 5064' w/ 7 holes @ .5 spf; 5048' - 5032' w/ 9 holes @ .5 spf; 5016' - 4994' w/12 holes @ .5 spf. TOTAL OF 32 HOLES FROM 4994' TO 5110'. RD BlueJet. SION.
10/18/2001	Safety mtg. 30 psi SICP. NU Frac valve and "y". Rig work. Leave SION.
10/19/2001	Safety mtg. RU BJ Frac equip. Frac Point Lookout. N2 65Q foam. Placed 118,000 # Brown 20/40 sand. BD perfs w/ 2%KCL water @ 5 bpm rate w/ 2930 psi then increased rate to 25 bpm. Dropped 36 balls, good ball action, max pressure for ball-off 4050 psi. Retrieved balls. RD Ball injector. Re-test lines. Pump 200 bbls 2% KCL pre-pad. ISIP at end of pre-pad 88 psi, dropped to 52 psi in 5 mins. Pumped N2 foam pad. Started sand stages 1# - 4000 lbs, 2# 12,000 lbs, 3# - 30,000 lbs, 4# - 72,000 lbs sand. Flushed w/ 79 bbls 2 % KCL water. Final ISIP 140 psi, dropped to 50 psi in 5 mins. Avg treating press: 1935 psi. 40 bpm treating rate. No accidents or problems during frac. Post-job Safety mtg. RD BJ equip. RU BlueJet. RIH and set CBP @ 4930'. Perforate Menefee formation with 3 1/8", 90 deg PP w/ 12 g, 306T chgs, .34" dia. select fire guns in two runs was follows: 4904', 4902', 4900', 4898', 4896', 4882', 4880', 4878', 4876', 4874', 4872', 4857', 4855', 4853', 4851', 4848', 4829', 4827', 4825', 4792'. Frac Menefee as follows: Pump - 1176 gals 2%KCL (break down @3680 psi w/6 bpm); Ball off w/ 50 balls in 1000 gals of 15% HCL acid (max BO of 3750 psi); surge balls off and run junk basket; Pre - pad of 2% KCL 200 bbls; Pad - N2 foam, 108 bbls; Pump N2 foam in 4 stgs. Place 158,080 lbs of 20/40 Brady sand, used 8300 mscf N2; Flush w/ 72 bbls 2% KCL water; Fluid to recover 957 bbls. Avg treat 3789 psi, ISDP 1350 psi, 5-min. 1214 psi. Job Finished w/ no accidents or incidents.
10/20/2001	Safety mtg. 1100 psi SICP. RU BlueJet RIH w/ W/L CBP. Set CBP @4550'. Test CBP & csg. Perforate Cliffhouse formation as follows: shot w/ 3-1/8", 90 deg PP, w/12gr. 306T chgs @ .34" dia. Select Fire guns. 33 shots @ 4526', 4524', 4522', 4520', 4518', 4516', 4514', 4512', 4500', 4498', 4496', 4494', 4492', 4490', 4488', 4486', 4484', 4482', 4480', 4478', 4476', 4474', 4472', 4470', 4468', 4466', 4464', 4462', 4448', 4446', 4444', 4442', 4440' @ 1/2 spf. No misfires. RU BJ test lines, set pop-off valve. Break down formation w/ 2% KCL water, breakdown @ 7 bpm w/ 3890 psi decreased to 1375 psi. Pump 1000 gals. 15% HCL acid w/ Ball-off job flush @ 20.4 bpm w/ 2%KCL, max press during ball-off 3980 psi, good ball action. Run junk basket to retrieve balls. RD ball gun, re-test lines. Pump 100 bbls 2% KCL, ISIP - 1700 psi. Pump 79 bbls N2 foam pad. Start N2 foam frac w/ 20/40 Brady sand in 4 stgs to max 4#. Total of 107,060# sand placed at foam rate of 40 bpm, used 65 Q foam w/ 5450mscf N2. Avg 2250 psi @ 40 bpm. Fluid to rec. - 639 bbls. Final ISIP - 1700 psi decreased to 1355 psi in 5 mins. NO ACCIDENTS or INCIDENTS. Post frac safety mtg. RD BJ equip. Open well for flowback overnight and Sunday w/ 1/4" choke (L&R).
10/21/2001	No rig time.
10/22/2001	Safety mtg. 20 psi FCP w/ 1/8" choke. Bled down well. ND frac valve and "Y". RU Blooie line and air compressors. TIH w/100 jts 2 3/8" tbg. Unload well @ 3164'. TIH w/ 36 jts tbg. tag fill @ 4305'. POOH w/ 10 jts tbg. SION.
10/23/2001	Safety mtg. 40 psi SICP. Bled down csg. TIH w/ w/ 10 jts. tbg. Tag fill @ 4305'. CO to CBP @ 4550'. Circulate clean. POOH w/ 8 jts. SION.
10/24/2001	Safety mtg. 465 psi SICP & SITP. Bled down csg. Kill tbg. RIH w/ 8 jts tbg. Tag fill @ 4535'. CO to CBP @ 4550'. Circ clean. POOH 4 jts. EOT @ 4432'. Flow test 4 hrs stable press @ 80 psi FTP w/ 1/4" choke (calc 117.6 mcf/d), SICP 250 psi. witnessed by J Becksted/G. Maez. SION.
10/25/2001	Safety mtg. 465 SICP, 345 psi SITP. Bled down csg. Kill tbg. TIH w/ 4 jts tbg. Tag fill @ 4513'. CO to CBP @ 4550. Mill out CBP and Circ out @ 4559'. POOH 4 jts. SION.
10/26/2001	Safety mtg. 650 psi - SICP & SITP. With EOT @ 4432'. Start flowtest Menefee & Cliffhouse for 4 hrs thru 1/2" choke. 70 psi FTP (calc. 462 mcf/d) w/ 320 psi - SICP. Flow over weekend.
10/29/2001	Safety mtg. 15 psi FTP, 195 psi SICP. Bled down well. Kill tbg. TIH w/ 12 jts tbg. Tag fill @ 4813'. CO to CBP @ 4930'. Circulate clean. POOH w/ 16 jts. EOT @ 4432' Flow thru 1/4" choke overnight.
10/30/2001	Safety mtg. 100 psi FTP, 220 psi SICP, w/ 1/4" choke (calc'd @ 147 mcf/d). Bled down well and TIH w/ 14 jts. Tag fill @ 4876'. CO fill to 4930'. Circulate out. POOH w/ 12 jts. EOT @ 4559'. Flow test up tbg w/ 1/4"choke. 100 psi FTP, 200 psi SICP. Dry gas no sand. SION.
10/31/2001	Safety mtg. 400 psi SITP & SICP. Bled down csg. Kill tbg with KCL water. TIH w/ 15 jts and tag fill @4909'. CO to CBP @ 4930'. Mill out plug and TIH with 5 jts. Tag fill @ 5092'. CO to 5161'. TOH 23 jts. EOT @ 4432'. Flow up tbg with 1/2" choke. Flow test overnight.

Completion - MV

API 300392668800	County RIO ARRIBA	State/Province NEW MEXICO	Surface Legal Location NMPM-27N-7W-2-F	NS Dist. (ft) 2200.0	NS Flag N	EW Dist. (ft) 1900.0	EW Flag W
Ground Elev (ft) 6140.00	Spud Date 6/9/2001	Rig Release Date 6/18/2001	Latitude (DMS) 36° 36' 15.39" N	Longitude (DMS) 107° 32' 41.7552" W			

Start	Ops This Rot
11/1/2001	Safety mtg. 100 psi FTP, 400 psi SICP w/ 1/2" choke (660 mcf/calc) Comingle test of CH, Menefee, Point Lookout. Bled down csg. Kill tbg with KCL water. TIH with 23 jts. Tag fill @ 5146'. CO to CBP @ 5210'. Mill out CBP. TIH w/ 64 jts tbg. Tag fill @ 7244'. CO to 7254' (PBDT - 7254'). POOH w/ 229 jts & mill. TIH with following production string: MS, S/N, 225 jts (2 3/8", 4.7#, J-55, EUE). Land tbg @ 7141' (w/ KB). ND BOP. NU wellhead. SION.
11/2/2001	Safety mtg. RD flowline, bloolie line. RD rig. Clean up location. MO to SJ 28-7 #131E