Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No. NMSF078147

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.
Other

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

2. Name of Operator: CONOCO INC
Contact: DEBORAH MARBERRY
E-Mail: deborah.marberry@conocophillips.com

8. Lease Name and Well No.: MOORE C 2E

3. Address: PO BOX 2197, DU 3084
HOUSTON, TX 77252-2197

3a. Phone No. (include area code): Ph: 832.486.2326

9. API Well No.: 30-045-24651-00-C2

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
Sec 26 T32N R12W Mer NMP
At surface: SESW 1100FSL 1550FWL 36.95250 N Lat, 108.06793 W Lon
At top prod interval reported below
At total depth

10. Field and Pool, or Exploratory: BLANCO MESAVERDE

11. Sec., T., R., M., or Block and Survey or Area: Sec 26 T32N R12W Mer NMP

12. County or Parish: RIO ARRIBA
13. State: NM

14. Date Spudded: 08/21/1981
15. Date T.D. Reached: 08/31/1981
16. Date Completed: ☐ D & A ☒ Ready to Prod. ~~11/03/1981~~ 10-10-02
17. Elevations (DF, KB, RT, GL)*: 6331 GL

18. Total Depth: MD 7568 TVD
19. Plug Back T.D.: MD ~~7567~~ TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
TDT

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit analysis)
Directional Survey? ☒ No ☐ Yes (Submit analysis)

23. Casing and Liner Record *(Report all strings set in well)*

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 K-55	36.0	0	299		250		0	
8.750	7.000 K-55	23.0	0	5099		645 ~~445~~		0	
6.250	4.500 K-55	12.0	0	7568		315 ~~165~~			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.375	7457							

25. Producing Intervals / 26. Perforation Record

	Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A)	MESAVERDE	5154	5460	5154 TO 5460	3.130	50	OPEN
B)							
C)							
D)							

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
5154 TO 5460	FRAC W/100400# 20/40 SAND, 3500# OF FLEXSAND MSE,

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
10/10/2002	10/04/2002	24	→	0.0	935.0	1.0			FLOWS FROM WELL

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
1/2	150	360.0	→	0	935	1		PGW

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

(See Instructions and spaces for additional data on reverse side)
ELECTRONIC SUBMISSION #16255 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

RECEIVED
070 FARMINGTON NM
JAN 2003
OIL CONS. DIV.
DIST. 3

ACCEPTED FOR RECORD
DEC 31 2002
FARMINGTON FIELD OFFICE
BY

NMOCD

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						

Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status
			→					

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

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
DAKOTA				DAKOTA	
				POINT LOOKOUT	5150
				MANCOS	5262
				GALLUP	6367
				GREENHORN	7228

32. Additional remarks (include plugging procedure):
This well is now a downhole commingled well producing from the Blanco Mesaverde and Basin Dakota. Attached are the daily summaries.

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.)
2. Geologic Report
3. DST Report
4. Directional Survey
5. Sundry Notice for plugging and cement verification
6. Core Analysis
7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #16255 Verified by the BLM Well Information System.
For CONOCO INC, sent to the Farmington
Committed to AFMSS for processing by Matthew Halbert on 12/31/2002 (03MXH0300SE)

Name *(please print)* DEBORAH MARBERRY Title SUBMITTING CONTACT

Signature (Electronic Submission) Date 11/20/2002

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fradulent statements or representations as to any matter within its jurisdiction.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Daily Summary

API/UWI	County	State/Province	Surface Legal Location	N/S Dist. (ft)	N/S Ref.	E/W Dist. (ft)	E/W Ref.
300452465100	SAN JUAN	NEW MEXICO	NMPM-32N-12W-26-SE SW	1100.0	S	1550.0	W

Ground Elevation (ft)	Spud Date	Rig Release Date	Latitude (DMS)	Longitude (DMS)
6331.00	8/21/1981		36° 57' 9" N	108° 4' 4.44" W

Start Date	Ops This Rpt
9/30/2002 00:00	Safety meeting. Csg press. 110#, tbg. press. 90#. Blow well down. POOH with tbg, tally out. total tally 7443.61'. Some scale on tbg. RIH with 4.5" csg. scraper to 5750'. POOH with tbg. an scraper. RIH with bridge plug an tbg to 5700'. Set plug, PU one stand. Load hole with 200bbls of 2% kcl water. Shut well in , test csg to 3000#. Tested good. Blow down press. Shut in. SDFN. JWV
9/30/2002 00:00	Safety meeting. Road rig to location. Spot in rig an equipment. Rig up. Csg. press. 200#, tbg press. 150#. . Blow well down, NDWH, NUBOP. RU BOP tester. Test BOP to 250# on low side an 3000# on high side. On both pipe blinds an rams. BOP tested okay. RD BOP tester. RIH with three joints of tbg, tag up at 7552'. PU an lay down three joints. Shut down , secure well SDFN. JWV.
10/1/2002 00:00	Safety meeting. POOH with tbg. An setting tool. RU wireline unit, run TDT log from 5706' to 4400'. RD wireline unit. Shut in, weld on rig. SDFN JWV.
10/2/2002 00:00	Safety meeting. RU wireline unit, perf well (MV). perf as followed: 5460'-5454', 4 shots. 5418'-5412', 4 shots. 5400'-5396', 3 shots. 5367'-5363', 3 shots. 5344'-5338', 4 shots. 5310'-5302', 5 shots. 5268'-5262', 4 shots. 5248'-5236', 7 shots. 5222'-5216',4 shots. 5198'-5186', 7 shots. 5162'- 5154', 5 shots. made two gun runs , all shots fired, used 3 1/8" select fire gun. Total shots 50. RD wireline unit. Secure well SDFN JWV
10/3/2002 00:00	Safety meeting. RU frac unit, RU isolation tool. Pre job safety meeting. Q- check fluids. Press test lines to 4500#. Held for five mins. down to 4381#. Okay. Set pop off, first time went off early. Reset, Pop off at 3040#, second time 3100#, Okay. Open well, well on vac. -8 #. Load hole with 4.5 BBls. rate up to 30 BBl/ at 59#, pump 125Bbls. . Well open. Drop 60 bio-balls, at 28 Bbls/28#. pump 200 bbls , balls on, Great ball action. Pop off went off at 2730#. pump 224 bbls . Shut down, wait 1.5 hours for balls. RD ball gun. Retest lines to 4500#. okay, test N2 lines to 5000#. okay. Set pop off, went off at 2700#, reset , went off at 3011#, than at 3001#. Okay. Pump 200 bbls., prepad at 51.9Bbls at 100#. Well starting to press up at end of prepad, 1400#. Pump pad at 51.9BPM at 1455#, total 166 bbls. Pump .5 sand stage, press down to 1007# , at 42.1 BPM, 90bbls. Pump 1.0# sand stage at 51.5BPM at 921#, 245 bbls pump. Pump 2.0 sand stage at 50.7BPM at 821#, 275bbls. pumped. Pump flex sand at 50.6 BPM at 856# 3000# of sand, 158bbls. pumped. Pump flush at 49.4 BPM at 856# , pump 85 bbls. Shut down, ISIP 640#, in five 508#, in 10 mins 448#. Shut well in , Frac well with 100400# of 20/40 brown sand, with 3500# of Flexsand MSE, 14/30 mesh. with 54180 gals of fluids. 65Q Foam. Avg inj. rate 49.6BPM at 972# avg. Used 10485 c-scf of nitrogen. RD frac unit, RD isolation tool. RU flow line to flow back tnk. Start flow back on 1/2 " choke nipple. Starting flow press, 390#. 1:30 PM. Press at 5:00 PM 300#. Flowing back , N2 an water. Will dry watch well.
10/4/2002 00:00	Safety meeting. Well flowed for 48 hours. Avg press. flowing up csg. 200#. Well unloaded 309 bbls of fluid. Flowing thur 1/2" choke nipple. Well making very little sand an very little fluids. Open up well, Kill well 20bbls of KCL. RIH with tbg . Tag up on sand at 5430' (30' of perfs covered) RU air unit clean out sand to 5500'. Clean an unload well . Shut down , PU tbg. to 5209'. RU to flow test . Start flow test. WELL TEST> 150# tbg. press. 360# csg. press. well flowing thur 1/2" choke., 935 MCF with 1 bbl. water , 0 bbls. oil. EOT at 5209'. Wtness by Gilbert Bennet, Key Energy. Judson Valdez, CONOCO. Shut well in after test. SDFN JWV
10/7/2002 00:00	Safety meeting. SICP 440#, SITP 420#, 12 hour shut in. Blow well down, RIH with tbg. Tag fill at 5504'. RU air unit, est. circalation, start clean out. Clean out sand to top of plug at 5700'. Run soap sweeps, circalate clean. Shut down air, POOH with tbg., an seat nipple. RIH with retrieving head, an tbg tag fill at 5700'. RU air unit, est cir. clean off sand to top of plug at 5706'. Made soap sweep , cir. clean. Shut down air, RIH tbg. tag an latch plug, release plug. POOH with tbg. an plug. Secure well SDFN JWV
10/7/2002 00:00	Safety meeting. Open well on 2" line. RIH with seat nipple an tbg. Tag fill at 5430'. RU blewy lines. About 30' of perfs covered plus rat hole. RU air unit, est cir. Start clean out. Clean out fill to 5496'. Run soap sweeps, cir. clean. Well not making any sand or water. Shut down air. PU tbg. to 5200". RU flow line with 1/2" choke, start flow test. Stabllize flow test, 150# tbg. press. 360# csg press. , 935 MCF. 0 bbls of oil, 1 bbls of h2o. EOT at 5200'. Witness by Gilbert Bennet , Key Energy, Judson Valdez , CONOCO. Shut well in. secure well SDFN JWV
10/8/2002 00:00	Safety meeting. Csg. press. 350#. Blow well down , kill well 20 bbls of KCL. RIH with mule shoe, seat nipple an tbg . land tbg at 7426'. with K B. Drift tbg . going in. NDBOP , NUWH. Rig down rig an equipment, move off. LAST REPORT. Clean up location, notified MSO. JWV