

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.
NMSF078433

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
NEWSOM 18E

9. API Well No. 30-045-30687

10. Field and Pool, or Exploratory
BASIN DAKOTA

11. Sec., T., R., M., or Block and Survey
of Area Sec 20 T26N R8W Mer NMP

12. County or Parish
SAN JUAN

13. State
NM

17. Elevations (DF, KB, RT, GL)*
6291 GL

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. Contact: YOLANDA PEREZ
E-Mail: yolanda.perez@usa.conoco.com

3. Address P. O. BOX 2197, DU 3084
HOUSTON, TX 77252-2197 3a. Phone No. (include area code)
Ph: 281.293.1613

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface SENW 1800FNL 1450FWL

At top prod interval reported below

At total depth

14. Date Spudded
11/25/2001

15. Date T.D. Reached
12/06/2001

16. Date Completed
☐ D & A ☒ Ready to Prod.
02/04/2002

18. Total Depth: MD 6765
TVD

19. Plug Back T.D.: MD 6676
TVD

20. Depth Bridge Plug Set: MD
TVD

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

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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	9.625 J-55	36.0		500		235		0	
7.875	4.500 J-55	10.5		6765		654		1070	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6623							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) BASIN DAKOTA	6414	6690	6414 TO 6690			
B)						
C)						
D)						

26. Perforation Record

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

Depth Interval	Amount and Type of Material
6414 TO 6690	FRAC W/110,969# BRADY SAND; 3345 BBLs OF FLUID

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
02/15/2002	02/04/2002	24	→	2.0	825.0	5.0			FLows FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
1/2"	SI	125	→					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.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #10390 VERIFIED BY THE BLM WELL INFORMATION SYSTEM
** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL

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FEB 26 2002
FARMINGTON FIELD OFFICE
ORIGINAL

NMOC

45/23/1

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.)
SOLD

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
				OJO ALAMO	1100
				KIRTLAND	1242
				FRUITLAND	1748
				PICTURED CLIFFS	2018
				LEWIS	2188
				CHACRA	2892
				CLIFFHOUSE	3584
				MENEFEE	3688
				POINT LOOKOUT	4397
				MANCOS	4848
				GALLUP	6320
				GREENHORN	6320
				DAKOTA	6410

32. Additional remarks (include plugging procedure):

This well is a single Dakota completion. Please refer to attached daily summary report for more detailed information.

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 #10390 Verified by the BLM Well Information System.
For CONOCO INC., sent to the Farmington

Name (please print) YOLANDA PEREZTitle COORDINATOR

Signature

(Electronic Submission)

Yolanda PerezDate 02/18/2002

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 fraudulent statements or representations as to any matter within its jurisdiction.

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Daily Summary

API 300453068700	County SAN JUAN	State/Province NEW MEXICO	Surface Legal Location NMPM-26N-8W-20-F	NS Dist. (ft) 1800.0	NS Flag N	EW Dist. (ft) 1450.0	EW Flag W
Ground Elev (ft) 6291.00	Spud Date 11/25/2001	Rig Release Date 12/6/2001	Latitude (DMS) 36° 28' 32.1204" N	Longitude (DMS) 107° 42' 30.9384" W			

Start	Ops This Rpt																								
12/19/2001	Held safety meeting, drive to location, spot rig, rig up, spot pump and pit, rig up equipment, spot tubing float, take well head off, nipple up bop's, wait on quadco, rig up quadco and test bop's, okay - good test, rig up floor and tongs, pick up bit and gi in hole picking up tubing, run 106 joints - tag cement at 3318', rig up power swivel, close in well.																								
12/20/2001	Held safety meeting, got equipment, start circulating and drilling 97' cement - tag DV tool at 3415' - drill out and circulate well clean, continue to go in hole picking up tubing and tag at 6683', pick up power swivel and start drilling - tag float collar at 6683', drillout float collar and continue to 6755' KB, circ well clean, lay down power swivel, test to 1000psi - okay -good test, empty rig pit & clean up, close in well																								
12/21/2001	Held safety meeting, stand by for 2% Kcl, circ well with 130 bbls clean 2% Kcl, pooh laying down tubing (6755'), nipple down bop's, rig up well head, fill up well, drain all equipment, ready all equipment to move, close in well. ***** wind from a passing storm came up in afternoon - blowing and gusting too hard to rig down *****																								
12/22/2001	RIGLESS DAY (saturday - no rig crew) Held safety meeting, log well with schlumberger's TDT, gamma ray, CBL, put on frac valve and test to 4300 psi - okay, close in well																								
12/26/2001	Held safety meeting, warm up equipment, rig down and move off ---- back to the Newsom 16-E																								
1/10/2002	RIGLESS DAY Held safety meeting, perf well as per recommended procedure by Blue Jet <table><tr><td>PERFS</td><td>SPF</td><td>GUNS</td><td>DIA.</td></tr><tr><td>6414' - 6422'</td><td>1/2</td><td>3-1/8, 120'PP, 12g 306T</td><td>0.34"</td></tr><tr><td>6292' - 6508'</td><td>"</td><td>"</td><td>"</td></tr><tr><td>6586' - 6602'</td><td>"</td><td>"</td><td>"</td></tr><tr><td>6628' - 6654'</td><td>"</td><td>"</td><td>"</td></tr><tr><td>6686' - 6690'</td><td>"</td><td>"</td><td>"</td></tr></table>	PERFS	SPF	GUNS	DIA.	6414' - 6422'	1/2	3-1/8, 120'PP, 12g 306T	0.34"	6292' - 6508'	"	"	"	6586' - 6602'	"	"	"	6628' - 6654'	"	"	"	6686' - 6690'	"	"	"
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1/15/2002	RIGLESS DAY - FRAC TODAY Held safety meeting, rig up Howco to stimulate well, pre - job safety meeting, test lines to 4800 psi, set pop off to 3800 psi, start breakdown at 5 bpm - formation broke at 1830 psi, start acid at 5 bpm & 947psi -959psi start dropping 24 balls w/acid followed with 24 more balls and 20bpm and flush to ball off to 3700 psi, surge balls and finish displacement, rih w/ wireline junk basket and retrieve all 48 balls, pump 200 bbls at 30 bpm for step rate test, 30bpm - 2700psi, 20bpm - 1989psi, 10bpm - 1542psi, isip=1250psi, 5 min=1080psi, 10 min=925psi, 15 min=871psi, 20 min=812psi, 25 min=732psi, 30 min=725 START PAD at 59.5 bpm - 3014psi 515bbl, START 1st STAGE 60.4bpm - .5 lbs =2980psi 225bbl START 2nd STAGE 60 bpm 1.0 lbs = 2886psi 1105bbl START 3rd STAGE 60.3 bpm, 1.5 lbs = 3596psi 655bbl start flush 3659psi 100bbl total fluid pumped = 3,345bbl 2% Kcl slick water total proppant pumped = 110,969lbs 20/40 brady sand frac summary to be sent to CONOCO Houston by Howco																								
1/24/2002	Held safty meeting, spot in rig on location, rig up, spot in equipment and gas compressors, take off frac valves, nipple up bop's, rig up quadco and test bop's - okay, rig up gas compressors and 6" & 2" blooie lines, take off thread protectors, strap, rabbit and pick up new 2 3/8's tubing - 80 joints to 2521', close in well, shut down.																								
1/25/2002	Held safety meeting, check well for psi -0, got equipment running, open and unlock bop's, continue to go in hole picking up new tubing to 6308' (200 joints), rig up kelly hose, stand by waiting for EPNG to turn on and meter gas, called Houston, had problem with BLM - correct notice for well was misplaced so paper work had to be done, turned over to EPNG for processing in late afternoon, close in well and shut down for day																								
1/28/2002	Held safety meeting, check well, no psi's, wait on EPNG for drill gas, got gas at 11:00am, got equipment running, start pumping down tubing and unload well, (tubing @ 6308'), stay there rest of day - well making lots of water and sand with a traces of oil, pump soap sweeps every hour to help clean well, close in well and drain equipment - shut down.																								
1/29/2002	Held safety meeting, check psi's, tubing = 1750psi, casing =1650psi, open and blow down well, kill tubing and go in hole - tag fill at 6590' with 209 joints, rig up gas compressors, unload well - clean up to PBTD of 6755' (165'), stay there rest of the day with well making lots of water, sand and traces of oil, had to replace valves, unions, pump soap sweeps every hour, pull to 6370' (202 joints in well), close in well, drain equipment and shut down.																								
1/30/2002	Held safety meeting, check well - tubing = 1650 psi, casing 1550 psi, open & blow down, through 1/2" choke - well making sand, kill tubing and go in hole, tag fill at 6735' (20' fill), rig up gas comps, unload well, clean up fill, pump soap sweep, pull up 60', stop comp and let well clean up on its own for 3 hours, went back to check fill - 6', clean up with gas comps, pull to 6370' (202 joints), make well flow up tubing to clean up over night.																								

ACCEPTED FOR RECORD

FEB 26 2002

FARMINGTON FIELD OFFICE
BY *mtt*

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Start	Ops This Rpt
1/31/2002	Held safety meeting, check after over night flow, casing = 380lbs, tubing guage frozen at 1000psi(broken), blow down and kill tubing, trip in hole and tag up at 6730' = 25' fill, rig up gas compressors and unload well, clean out fill to PBTD, pump soap sweeps every hour - well making sand and a little water 5/10 bph with a trace of oil, pull up to 6430' (204 joints in hole, rig up hard line to flow well up tubing over night, drain eqiupment and shut down.
2/1/2002	Held safety meeting, check well - over night flowing up tubing, tubing 32lbs, casing 325lbs, open and blow down, trip in and tag fill at 6765' (20'), rig up gas compressors and unload well/clean out fill to PBTD, stay on bottom rest of day, well flowing making water/sand with trace of oil, pump sweeps every 2 hours, pull to 6430' (204 jts), rig up hard line to flow up open tubing over weekend, drain up, shut down.
2/4/2002	*****FINAL REPORT***** Held safety meeting, check well, still flowing at 25lbs up tubing with 278lbs on casing, open well and blow down, trip in hole - tag at 6749' (6' fill), clean out fill and pull up to 6550', rig up hard line for 4 hour test through 1/2" choke, let psi level out, tubing psi = 125 lbs, casing = 350lbs, ----- choke coefficient = 6.6 times 125lbs = 825 MCFPD, well making 5 bbl of water per day, no sand, 2 bbl of oil per day, blow down well and land tubing with 210 joints at 6623' + KB of 13' = 6636', landed with seating nipple and mule shoe, rig up well head, unload kill fluid, take down blooie line, get all equipment ready to move, clean up location, rig down.