

AMENDED OPERATOR

Form 3160-4
(October 1990)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSUBMIT IN DUPLICATE*
(See other In-
structions on
reverse side)FOR APPROVED
OMB NO. 1004-0137

Expires December 31, 1991

5 LEASE DESIGNATION AND SERIAL NO

NMSF-078194

6 IF INDIAN ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG* JUN 27 1997

1a TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF RESVR ☐ Other _____

7 UNIT AGREEMENT NAME

8 FARM OR LEASE NAME, WELL NO

Ludwick LS #21F

9 API WELL NO

30-045-34070

10 FIELD AND POOL OR WILDCAT

Basin DK/Blanco MV

11 SEC., T., R. M., OR BLOCK AND SURVEY
OR AREA

Sec 31 T30N R10W, NMPM

2 NAME OF OPERATOR

ConocoPhillips

3 ADDRESS AND TELEPHONE NO.

PO BOX 4289, Farmington, NM 87499 (505) 326-9700

4 LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface Unit E (SWNW), 1700" FNL, 660" FWL

At top prod. interval reported below

Same as above

At total depth

Same as above

14 PERMIT NO. DATE ISSUED

12 COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 2/19/07

16 DATE T D REACHED 3/11/07

17 DATE COMPL. (Ready to prod.) 6/14/07

18. ELEVATIONS (DF, RKB, RT, BR, ETC)*

GL 6022' KB 6037'

19 ELEV CASINGHEAD

20 TOTAL DEPTH, MD & TVD

6950'

21 PLUG BACK T D., MD & TVD

6945'

22 IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

ROTARY TOOLS

yes

CABLE TOOLS

24 PRODUCTION INTERVAL (S) OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)*

Blanco Mesa Verde 4454' - 5060'

25 WAS DIRECTIONAL
SURVEY MADE

No

26 TYPE ELECTRIC AND OTHER LOGS RUN

Cement bond Log w/Gamma Ray Casing Collars

27 WAS WELL CORED

No

28 CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB /FT	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
9 5/8" H-40	32.3#	236'	12 1/4"	surface; 59sx 77 (98'cf) 12y	5 bbls
7" J-55	20# 23#	4313'	8 3/4"	Surface 739sx (1427cf)	102 bbls
4 1/2" J-55	10.5# 11.6#	6948'	6 7/8"	TOC 3150' ; 195sx (395cf)	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6863'	

30 TUBING RECORD

31 PERFORATION RECORD (Interval, size and number)

@1SPF
4454' - 5060' = 30 holes
total holes=30

32 ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

4454' - 5060' bullhead 10 bbls 15% HCL Acid . Pumped 48762 gal
60% Silckwater N2 Foam w/130000# 20/40 Brady sand &
1077300SCF N2.RCVD JUN 27 07
OIL CONS. DIV.
DIST. 3

33

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)				WELL STATUS (Producing or shut-in)	
SI W/O Facilities		Flowing				SI	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N FOR TEST PERIOD	OIL--BBL	GAS--MCF	WATER--BBL	GAS-OIL RATIO
6/1/07	1	1/2"			32.63 mcf		
FLOW TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL	GAS--MCF	WATER--BBL	OIL GRAVITY-API (CORR)	
125#	SI 190#			783 mcf/d			

34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

TEST WITNESSED BY

35 LIST OF ATTACHMENTS

This will be a Basin Dakota/Blanco Mesa Verde well being DHC per order #2512AZ

36 I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Shirley V. Menden

TITLE

Regulatory Technician

DATE

6/19/07

ACCEPTED FOR RECORD

*(See Instructions and Spaces for Additional Data on Reverse Side)

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

JUN 25 2007

FARMINGTON FIELD OFFICE

NMOCD

Ojo Alamo	1204'	1295'
Kirtland	1295'	2116'
Fruitland	2116'	2452'
Pictured Cliffs	2452'	2628'
Lewis	2628'	2722'
Huerfanito Bentonite	2722'	3184'
Chacra	3184'	3984'
Mesa Verde	3984'	4125'
Menefee	4125'	4737'
Point Lookout	4737'	5133'
Mancos	5133'	6025'
Gallup	6025'	6705'
La Ventana	XXXX	XXXX
Greenhorn	6705'	6761'
Graneros	6761'	6827'
Dakota	6827'	

White, cr-gr ss.
 Gry sh interbedded w/tight, gry, fine-gr ss.
 Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.
 Bn-Gry, fine grn, tight ss.
 Shale w/siltstone stringers
 White, waxy chalky bentonite
 Gry fn grn silty, glauconitic sd stone w/drk gry shale
 Light gry, med-fine gr ss, carb sh & coal
 Med-dark gry, fine gr ss, carb sh & coal
 Med-light gry, very fine gr ss w/frequent sh breaks in lower part of formation
 Dark gry carb sh.
 Lt gry to brn calc carb micac glauc silts & very fine gr gry ss w/irreg.interbed sh
 Wt to lt buff to med grn sl carb bent
 Highly calc gry sh w/thin lmst.
 Dk gry shale, fossil & carb w/pyrite incl.
 Lt to dk gry foss carb sl calc sl silty ss w/pyrite incl thin sh bands clay & shale breaks

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