

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

OIL CONSERVATION DIVISION

DISTRICT I
P.O. Box 1980, Hobbs NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.
30-039-25753

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.
E-289-52

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A
DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT"
(FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
OIL WELL ☐ GAS WELL ☒ OTHER 017654

2. Name of Operator
Phillips Petroleum Company

7. Lease Name or Unit Agreement Name
009256
San Juan 29-5 Unit

8. Well No.
#23A

3. Address of Operator
5525 Highway 64, NBU 3004, Farmington NM 87401

9. Pool name or Wildcat
Blanco Mesaverde 72319

4. Well Location
Unit Letter J : 1850' Feet From The South Line and 1770' Feet From The East Line

Section 16 Township 29N Range 5W NMPM Rio Arriba, County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)
6741' (prepared GL)

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOB ☐
OTHER: 4-1/2" casing report ☒

12. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See the attached for the details of the procedure used to cement the 4 1/2" casing, perf the Mesaverde intervals and run the tubing.

RECEIVED
JAN 21 1998
OIL CON. DIV.
DIST. 3

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Patsy Clugston TITLE Regulatory Assistant DATE _____

TYPE OR PRINT NAME Patsy Clugston TELEPHONE NO. 505-599-3454

(This space for State Use)

APPROVED BY Original Signed by FRANK T. CHAVEZ SUPERVISOR DISTRICT # 3 DATE JAN 21 1998

CONDITIONS OF APPROVAL, IF ANY:

San Juan 29-5 #23A
E-289-52; Unit J, 1850' FSL & 1770' FEL
Section 16, T29N, R5W; Rio Arriba County, NM

Details of the procedure used to run 4 1/2" casing and perforate MV intervals.

RIH/6 1/4" bit and drilled ahead to 6400' (TD). Ran GR-CAL-DIL-FDC-CNL. Temperature log from 6389' - 4073'. COOH. RIH w/4 1/2" 10.5# J-55 casing and landed @ 6384'. RU BJ to cement. Pumped 20 bbls gel pre-flush, followed by 5 bbls water, then 21 sx scavenger cement (50/50 POZ). Lead cement - pumped 264 sx (454 ft3) 50/50 POZ w/4% gel, 8#/sx Kol-seal, 1/4#/sx Flake, 2% KCl, 0.3% FL-62 & 0.3% CP-32 mixed at 12.5 - 13 ppg. (yield 1.54 - 1.73 ft3/sx). Tail cement - pumped 25 sx (28 ft3) Class B w/ 1/4#/sx Flake mixed at 15.6 ppg. (yield 1.18 ft3/sx). Dropped top plug & displaced w/9.6 bbls of water to 6337'. Bumped plug @ 1500 hrs 12/23/97. Ran GR-CCL-CBL log from 6384' (PBTD) to 3000'. TOC - 3250' w/intermediate casing set @ 4073'. Pressure Test 4 1/2" casing to 200 psi - 10 min. and 4000 psi for 30 min. OK. GIH & perf'd PT Lookout interval as follows:

6205',	6198',	6152',	5998',	5971',	5969',	5967',	5965',	5963',	5961',
5953',	5951',	5948',	5946',	5943',	5935',	5930',	5918',	5913',	5904',
5901',	5898',	5895',	5892',	5890',	5886',	5882',	5879',	5877',	5873'.
Total 30 holes									

RU to acidize. Pumped 1000 gal 15% HCL & ballsealers. RIH & retrieved balls. RU to frac. Pumped 131,000 gal of 2% KCL slickwater w/143,000 # 20/40 Brady Sand. ATP - 2532 psi and ATR 61 bpm.

RIH w/CIBP & set @ 5868'. PT - OK. RU to perf Menefee Cliffhouse @ 1 spf as follows:

5832',	5826',	5814',	5780',	5774',	5768',	5731',	5729',	5727'	5724',
5661',	5659',	5631',	5629',	5627',	5625',	5586',	5584',	5582',	5580',
5576',	5574',	5572',	5570',	5566',	5564',	5562',	5560',	5556',	5554'
Total 30 holes									

RU to acidize. Pumped 1000 gal 15% HCL & ballsealers. Retrieved balls. RU to frac. Pumped 124,500 gal 2% KCL slickwater w/132,000 # 20/40 Brady sand. ATR - 60.5 bpm and ATP - 2500 psi.

RIH & set Composite DBP @ 5375'. PT - OK. RU to perf Lewis Shale @ 1 spf as follows:

5176' - 5181' (5');	5038' - 5043' (5');	4945' - 4950' (5');	
4854' - 4859' (5');	4786' - 4791' (5');	4704' - 4709' (5');	
4638' - 4643' (5');	4522' - 4527' (5');	4490' - 4495' (5');	
4470' - 4475' (5');	4453' - 4458' (5');	4440' - 4445' (5');	Total 60 holes

RU to acidize. Pumped 20 bbls 2% KCL ahead then 1500 gal of 15% HCl & 100 ballsealers. RIH & retrieved balls. RU to frac. Pumped 109,000 gal 60 Quality N₂ foam w/30# X-link Borate gel w/2% KCl base fluid w/300,000 # 20/40 Brady sand. ATR - 60 bpm and ATP - 2810 psi. ISIP - 695 psi. Flowed back immediately on 1/4" choke. Flowed for approx. 139 hrs. SI waiting on completion rig.

1/15/98

MI Big A 18. RD frac lines. Set BPV. NU & PT BOPs. Pull BPV. GIH & cleaned out sand. Drill BPs & cleaned out to PBTD w/air & foam sweeps. GIH w/4-1/2" "G" Lok-set BP & set @ 3383'. PT RBP & casing & BOPs to 1000 psi - OK. GIH w/chemical cutter & cut off casing @ 3250'. COOH w/top section of 4-1/2" casing. RIH & latched on RBP @ 3383' & POOH.

RIH w/2-3/8" tubing. Cleaned out sand to 6284' (PBTD). Landed 2-3/8" 4.7# tubing @ 6100' with "F" nipple @ 6066'. ND BOPs & NU WH. PT - 200 psi 10 min and 2000 psi - 20 min. OK. Pumped off check & RD & released rig 1/19/98. Turned well over to production department.