

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

WELL API NO.

30-039-21120

5. Indicate Type of Lease

STATE ☒

FEE ☐

6. State Oil & Gas Lease No.

E-289-36

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

8. Well No.

SJ 29-6 Unit #15A

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 C : 1040 Feet From The North Line and 1465 Feet From The West Line

Section 2 Township 29N Range 6W NMPM Rio Arriba County

10. Elevation (Show whether DF, RKB, RT, GR, etc.)

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: Add pay and stimulate ☒

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 attached for the procedure used to add pay and stimulate the Lewis Shale interval in the existing Mesaverde formation.

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

SIGNATURE

Patricia Clayton

TITLE

Regulatory Assistant

DATE

8/21/98

TYPE OR PRINT NAME

TELEPHONE NO.

(This space for State Use)

ORIGINAL SIGNED BY ERNIE BUSCH

APPROVED BY

TITLE

DEPUTY OIL & GAS INSPECTOR, DIST. #3

DATE

AUG 27 1998

CONDITIONS OF APPROVAL, IF ANY:

**San Juan 29-6 Unit #15A
E-289-36; Unit C, 1040' FNL & 1465' FWL
Section 2, T29N, R6W; Rio Arriba County, NM**

**Procedure used perf additional Mesaverde perfs and acidize and then
add pay & stimulate the Lewis Shale interval in the existing Mesaverde formation.**

7/27/98

MIRU Big A #38. Killed well. ND WH & NU BOPs. COOH w/2-3/8" tubing. RIH w/bit & scraper and tag at 5600'. COOH. RIH w/4 1/2" CIBP & set @ 5550'. Perf'd Mesaverde intervals Kmn & Kch @ 1 spf (.31") holes as follows:

5533', 5528', 5520', 5485', 5482', 5469', 5459', 5453', 5387', 5384', 5363', 5358', 5352',
5341', 5334', 5329', 5276' & 5247'. **Total 18 holes**

RIH w/FBP @ set @ 5060'. Acidize Kmn & Kch Interval perfs with 1000 gal of 15% HCL & ballsealers. Surged balls off and retrieved balls. COOH w/packer. RIH w/CIBP & set @ 5150'. Load hole w/2% KCL & PT CIBP & casing to 500 psi – 30 min. Good test. COOH. RIH & ran GR-CLL-CBL from 5148' – 3552' (top of liner). Good cement. Logged from 3552' to surface. Top of good cement @ 2200'. Top of marginal cement @ 1000'.

RIH & perf'd Lewis Shale interval @ 1 spf (.38" holes) 120 degree phased holes as follows: (Huerfanito Bentonite not present, equivalent stratigraphic depth is 3762').

4734' – 4737' (3');	4664' – 4667' (3');	4603' – 4606' (3');	4582' – 4585' (3');
4563' – 4566' (3');	4547' – 4550' (3');	4486' – 4489' (3');	4442' – 4445' (3');
4416' – 4419' (3');	4407' – 4410' (3');	4341' – 4344' (3');	4176' – 4179' (3'); Total 36 Holes

GIH w/4 1/2" packer & set @ 4015'. PT casing annulus & packer to 500 psi – OK. RU to Acidize Lewis Shale interval. Pumped 1000 gal of 15% HCL acid & ballsealers. Knocked balls off & COOH w/packer.

RIH & set 4 1/2" packer @ 3611'. PT casing annulus -OK. RU to frac Lewis Shale. Pumped 75,000 gal 60 Quality N2 30# X-link Borate foam w/195,100 # 20/40 Brady Sand. Total N2 – 856,000 scf. Total fluid to recover 829 bbls. ATP – 3200 psi & ATR – 45 bpm. Flowed back on 1/4" and 1/2" choke for approximately 28 hrs.

Released packer and COOH. RIH & cleaned out to CIBP @ 5150'. Drilled out CIBP and chased down 5550' (2nd CIBP). Drilled out CIBP @ 5550'. Chased CIBP to 5842' (PBSD). RIH w/2-3/8" 4.7# tubing and cleaned out to PBSD – 5842'. Land tubing @ 5647' with "F" nipple set @ 5615'. ND BOPs & NU WH. Pumped off exp. check. RD & released rig 8/4/98. Turned well over to production department.