

Submit 3 Copies To Appropriate District Office  
District I  
1625 N. French Dr., Hobbs, NM 87240  
District II  
811 South First, Artesia, NM 87210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
Revised March 25, 1999

OIL CONSERVATION DIVISION

2040 South Pacheco  
Santa Fe, NM 87505

WELL API NO.

30-039-07603

Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-289-30

Lease Name or Unit Agreement Name:

San Juan 29-6 Unit 009257

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

2. Name of Operator

Phillips Petroleum Company

017654

8. Well No.

SJ 29-6 Unit #94

3. Address of Operator

5525 Highway 64, NBU 3004, Farmington, NM 87401

9. Pool name or Wildcat

Basin Dakota

4. Well Location

Unit Letter M : 1160' feet from the South line and 1190' feet from the West line

Section 16 Township 29N Range 6W NMPM County Rio Arriba

10. Elevation (Show whether DR, 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 ☐ MULTIPLE COMPLETION ☐

OTHER:

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐

CASING TEST AND CEMENT JOB ☐

OTHER: Squeeze cement & add MV pay to DK well ☒

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. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation.

See attached for details of the procedure used to squeeze cement behind the casing where the Mesaverde interval was completed. Then we added Mesaverde pay to the existing Dakota well.

We have submitted DHC paperwork and Steve Hayden Aztec OCD has given us verbal approval to DHC production. This well was first delivered as a commingled well as of 7/3/00.

NM OCD needs notification of allocation

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

SIGNATURE Patsy Clugston TITLE Sr. Regulatory Clerk DATE 7/6/00

Type or print name Patsy Clugston Telephone No. 505-599-34543

(This space for State use)

APPROVED BY [Signature] TITLE DEPUTY OIL & GAS INSPECTOR DIST. III DATE 7-18-00  
Conditions of approval, if any:

**San Juan 29-6 Unit #94**  
**E-289-30; API – 30-039-07603**  
**Unit M, 1160' FSL & 1190' FWL; Sec. 16, T29N, R6W**

**Details of the procedure used to squeeze cement behind casing before adding  
Mesaverde pay to the existing Dakota well.**

6/15/00

MIRU Key Energy #40. Kill well. ND WH & NU BOP. PT – OK. COOH w/production tubing. RIH w/4-1/2" bit & scraper to 7600'. COOH. RIH w/4-1/2" N-1 CIBP & set @ 7580'. Load casing and PT casing to 500 psi – Good test. POOH.

Ran GR/CCL/CBL. TOC on 1<sup>st</sup> stage 7270 and 2<sup>nd</sup> stage @ 5350'. Shoot squeeze holes @ 5150'. Established injection rate. Pumped 100 sx Cl H cement, and displaced cement down to retainer. Sting out – 20 psi on retainer. Reversed out 5 sx cement to surface. POOH w/stinger. WOC. RIH w/3-7/8bit & tagged up @ 5121'. Drilled out cement retainer @ 5121' & cement to 5150'. Circ. bottoms up. POOH. Ran GR/CBL form 5420' – 4600'. Good cement ad squeeze holes. ND BOP & re BOPs & frac equipment. Blue Jet perforated with .36" holes @ 1 spf as follows (Mesaverde formation):

5593' – 5595'; 5590' – 5592'; 5573' – 5575'; 5535' – 5537'; 5532' – 5534'; 5503' – 5505';  
5424' – 5426'; 5394' – 5396'; 5315' – 5317'; 5275' – 5277'; 5272' – 5274'; 5198' – 5200';  
5179' – 5181'; 5176' – 5178'; 5173' – 5175' Total 45 holes

RIH & set packer @ 4962'. Acidized MV perfs w/1000 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. ND BOP & RU to frac. Pumped 135450 gal slickwater & 78309# 20/40 proppant, then a 29,400 gal slickwater pad followed by 106,050 gal slickwater containing 78,309 # 20/40 proppant. Flushed w/2730 gal slickwater. ATP – 28080 psi, ATR-65 pbm. ISDP – 0 psi.

RIH w/wireline & set 4-1/2" N-1 CIBP @ 5095'. Load casing w/21 bbls. PT CIBP & casing to 3050 psi – OK. Bule jet shot 3 squeeze hole @ 4130' Pumped 100 sx Cl H cement. Sting out & reversed out 5 sx of cement to surface. POOH. RIH w/bit & tagged up @ 4075'. Drilled out cement & retainer. & hard cement to 4132'. Circ. hole. PT squeeze holes – good. POOH. Perforated Lewis Shale interval @ .38" holes @ 1 spf as follows:

4610' – 4612'; 4595' – 4597'; 4555' – 4567'; 4520' – 4522'; 4498' – 4500';  
4480' – 4482'; 4372' – 4374'; 4352' – 4354'; 4352' – 4354'; 4327' – 4329';  
4280' – 4282'; 4172' – 4174'; 4122' – 4124'; 36 total holes.

RIH & set packer @ 3937'. Acidized L/S perfs with 1500 gal 15% HCl & ballsealers. Unset packer & knocked balls off. POOH w/packer. RU to frac. Pumped 67,423 gal of 60 Quality N2 foam consisting of 29,434 gal 30# X-link gel & 815,000 scf N2 gas. Pumped a 6720 gal foam pad followed by 56,422 gal foam containing 200,304 # 20/40 Brady sand. Flowed back on 1/4" and 1/2" chokes for approx. 41 hours. RD flowback equipment. RIH w/2-3/8" tubing & cleaned out fill & drilled out CIBP @ 5095'. Circ. bottoms up. Drilled out CIBP @ 7580'. Circ. Cleaned out to PBTD @ 7782'. PU & landed tubing @ 7727' with "F" nipple set @ 7694'. ND BOP & NU WH. Pumped off exp. Check. RD & released rig 6/28/00.