

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 88240

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

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

**OIL CONSERVATION DIVISION**

P.O. Box 2088  
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-039-25155
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	E-347-39
7. Lease Name or Unit Agreement Name	San Juan 30-5 Unit
8. Well No.	San Juan 30-5 Unit #53E
9. Pool name or Wildcat	Basin Dakota/Blanco Mesaverde

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	
2. Name of Operator Phillips Petroleum Company	
3. Address of Operator 5525 Highway 64, NBU 3004, Farmington, NM 87401	
4. Well Location Unit Letter <u>I</u> : <u>1475</u> Feet From The <u>South</u> Line and <u>791</u> Feet From The <u>East</u> Line Section <u>16</u> Township <u>T30N</u> Range <u>R5W</u> NMPM <u>Rio Arriba</u> County	
10. Elevation (Show whether DF, RKB, RT, GR, etc.) <u>6438'</u>	

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: Recomplete in the MV zone w/DK zone ☒

**SUBSEQUENT REPORT OF:**

REMEDIAL WORK ☐ ALTERING CASING ☐  
COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐  
CASING TEST AND CEMENT JOB ☐  
OTHER: ☐

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.

This is a Dakota well completed in 10-93. Phillips Petroleum Co. is proposing to come up hole and complete the Mesaverde and commingle production downhole with the Dakota. See the attached for the projected recompletion outline.

The OCD has previously ruled that both the Dakota and Mesaverde zones in SJ 30-5 are marginal for downhole commingling purposes, Order No. R-10771, Reference Case No. 11709. A C-107A form will be submitted and approval of same obtained prior to actual commingling.

RECEIVED  
MAR 28 1997

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 3-25-97

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

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BUSCH

CONDITIONS OF APPROVAL, IF ANY:

TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3 DATE APR - 4 1997

### **Projected Recompletion Outline for SJ 30-5 Dakota wells.**

1. RU completion rig. Pull production tubing.
2. Set RBP above Dakota. Pressure test casing.
3. Perf. Lower Pt. Lookout.
4. Acid frac Lower Pt. Lookout
5. Set RBP. Perforate Menefee/Pt. Lookout
6. Acid balloff. Knock balls off. Slickwater proppant frac.
7. Set RBP. Perforate Lewis Shale.
8. Acid balloff. Knock balls off. Frac Lewis Shale.
9. Flowback 3-4 days.
10. Cleanout with workstring & retrieve RPBs except RBP above Dakota. Flow and cleanout with tubing.
11. Retrieve last RBP. Cleanout to PBTD. Flow and cleanout as necessary. Pull workstring.
12. Land production string with packer and sliding sleeve.
13. RD & MO.

# Phillips Petroleum Company

## Farmington Profit Center

Unit/Well No.: San Juan 30-5 #53E

Location:

1475' FSL, 791' FEL, S16, T30N, R5W

Rio Arriba County, NM

Specified Depth Datum: KB @ 6455'

Spud Date:

8/27/93

Date Completion began: 10/6/93

Final Date of Completion:

10/16/93

12-1/4" hole

TOC @ surface

316'

### Tubulars Record

	Size (in)	Grade	Depth (ft)
Surface	9-5/8	36# K-55	316
Intermediate	7	23# K-55	3752
Production	4-1/2	11.6# N-80 LT&C	7904
Tubing - 246 jts.	2-3/8	4.7# J-55 EUE	7712
Pkrs, sleeves, etc.			

8-3/4 " hole

TOC @ surface

### Cementing Record

	Lead (sx/cf)	Tail (sx/cf)	Comments
Surface	250 sx		Circulated 20 bbls.
Intermediate	500 sx	150 sx	Circulated 51 bbls.
Production	434 sx	150 sx	TOC @ 2100'

3752'

**Nipple**

Type: 1.81" "F"

Depth: 7679'

### Perforations

Depth (ft)	spf	Depth (ft)	spf
7790-7812	1		
7840-48	1		
7852-85	1		

6-1/4 " hole

TOC @ 2100'

PBTD @ 7893'

TD @ 7908'

7904'

### Stimulation Record

Job Specifications: Frac'd w/ 414,000 # 20/40 sd & 179,504 gals. 35# linear & x-link (borate) guar gel, AR - 48 BPM, AP - 5000 psi, MP - 5750 psi.

Sheet4

Well: San Juan 30-5 No. 53E  
Location: 1475' FSL, 791' FEL, Sec. 16, T30N, R5W, Rio Arriba County, NM  
Depth Datums: GL - 6441' (6438'?), KB - 6455', TD - 7904', PE:TD - 7893'

Casing:

Surface 12-1/4" hole. 9-5/8" 36# K-55 ST&C set @ 316'.  
Cmt'd w/ 250 sx, circulated 20 bbls. cmt.

Intermediate 8-3/4" hole. 7" 23# K-55 ST&C set @ 3752'.  
Cmt'd w/ 650 sx, circulated 51 bbls. cmt.

Production 6-1/4" hole. 4-1/2" 11.6# N-80 LT&C set @ 7904', FC @ 7860'.  
Cmt'd w/ 584 sx, TOC @ 2100' by temp. survey

Tubing: 246 jts. 2-3/8" 4.7# J-55 EUE set @ 7712', SN @ 7679'

Completion:

Dakota  
Perfs 7790-7812', 7840-48', 7852-85' @ 1 spf

Stimulation Frac'd w/ 414,000# 20/40 sd & 179,504 gals. 35# linear & x-link (borate) guar gel,  
AR - 48 BPM, AP - 5000 psi, MP - 5750 psi

Initial test 968 MCFD, 0.5 BWPD, FTP - 64 psig, CP - 342 psig

Formation Tops: Ojo Alamo - 2505', Kirtland-Fruitland - 2643', Pictured Cliffs - 3220',  
Cliff House - 5352', Menefee - 5381', Pt. Lookout - 5614', Dakota - 7790'

Comments