

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.	30-039-07701
5. Indicate Type of Lease	STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.	

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name San Juan 29-6 Unit 009257
2. Name of Operator Phillips Petroleum Company	8. Well No. SJ 29-6 #62
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 <u>A</u> : <u>1090'</u> Feet From The <u>North</u> Line and <u>1090'</u> Feet From The <u>East</u> Line Section <u>4</u> Township <u>29N</u> Range <u>6W</u> NMPM <u>Rio Arriba</u> 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 & 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.

Attached is the procedure used to perforate and stimulate the Lewis Shale zone in the Mesaverde formation on the above mentioned well.

RECEIVED
MAY 16 1997
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 Fatsy Clugston TITLE Regulatory Assistant DATE 5-14-97

TYPE OR PRINT NAME _____ TELEPHONE NO. _____

(This space for State Use)

APPROVED BY ORIGINAL SIGNED BY ERNIE BULLON DEPUTY OIL & GAS INSPECTOR, DIST. 3 DATE MAY 19 1997
CONDITIONS OF APPROVAL, IF ANY:

San Juan 29-6 #62
FEE; Unit A, 1090' FNL & 1090' FEL
Section 4, T29N, R6W; Rio Arriba County, NM

Procedure used to add Lewis Shale pay to existing Mesaverde formation in two stages, (Lower and Upper Lewis Shale zones) and stimulate each.

4/29/97

MIRU Big A #40. Killed well. ND WH & NU BOPs and Test. POOH w/production tubing. GIH w/7" scraper to 5618'. POOH. RU Bluejet & set 7" RBP @ 5114'. Dump sand on top of RBP. Ran GR/CCL/CBL from 5000' 59 3800'. Good cement bond. Changed out WH. Test casing to 500# - good test. RIH w/3-1/8" perforating gun. Perforated Lower Lewis Shale formation as follows: 1 spf @ 120° phasing.

4965'-4970'	=	5'	=	5 holes
4860'-4865'	=	5'	=	5 holes
4752'-4757'	=	5'	=	5 holes
4710'-4715'	=	5'	=	5 holes
4637'-4642'	=	5'	=	5 holes
4565'-4570'	=	5'	=	5 holes
4525'-4530'	=	5'	=	5 holes
4465'-4470'	=	5'	=	5 holes
Total	=	40'	=	40 holes

RIH w/7" Baker Fullbore Packer & 3-1/2" workstring & set @ 4358'. Test to 600# for 15 min. -good test. RU BJ & pumped 24 bbls of 15% HCL acid & 60 ball sealers. Release packer & knocked balls off. Reset packer. Frac'd well with 15,000 gal of 2% KCl water w/30# gel. Pumped 152,400# of 20/40 AZ sand & pumped 738,000 scf N₂ w/50% quality foam. Treating pressure avg. 4700#. Avg rate 35 bpm total. ISIP = 1,300 psi. RD BJ. Flowed back on 1/4" choke for @ (64 to date) hours. Cleaned out to RBP @ 5114' with air. Run acoustic survey. GIH w/5.968 RPB & set @ 4420'. Dump bail 2 sx sand on top of RBP. Test casing - OK. Perforated Upper Lewis Shale as follows: @ 1spf 120° phasing.

4380'-4385'	=	5'	=	5 holes
4335'-4345'	=	10'	=	10 holes
4245'-4250'	=	5'	=	5 holes
4180'-4185'	=	5'	=	5 holes
4115'-4120'	=	5'	=	5 holes
4090'-4095'	=	5'	=	5 holes
4065'-4070'	=	5'	=	5 holes
4040'-4045'	=	5'	=	5 holes
Total	=	45'	=	45 holes

RU BJ & pumped acid ball off on upper Lewis Shale zone as follows: Pumped 1000 gal. 15% Hcl

w/68 balls. Pumped 45 bbls H₂O to displace. Avg. rate = 15 bpm. Avg pressure - 3,000 psi. Released packer and knocked balls off. Reversed out acid residue with 45 bbls 2% KCl. Reset Packer @ 3948'. Load & test casing to 500 psi. Good Test. RU BJ to stimulate w/50quality x-link foam frac. Total fluid - 944 bbls; N₂ - 696,000 scf; 148,000 # Brady 20/40 sand; avg. rate 37 bpm; avg. pressure 4,900 psi; ISIP - 4,700 psi. Immediate flowback for forced closure on 1/4" choke for 68.5 hrs.

Release packer. POOH. Cleaned out fill. Released RBP & POOH. Cleaned out w/air. GIH w/2-3/8" 4.7# J-55 EUE tubing and set @ 5593'; "R" Nipple set @ 5564'; Top of FH Packer @ 5101' (lower); top of Model "L" sliding sleeve @ 4677' (lower); top of FH packer set @ 4416' (upper); top of Model "L" sleeve set @ 4278' (upper).

ND BOPs & NU WH. Test. OK. Opened sliding sleeve. POOH. RD & MO (5-14-97). Turned well over to production.

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