

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. SF-078997
2. Name of Operator Phillips Petroleum Company	6. If Indian, Allottee or Tribe Name San Juan 30-5 Unit
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454	7. If Unit or CA, Agreement Designation San Juan 30-5 Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Unit M, 810' FSL & 800' FWL Section 9, T30N, R5W	8. Well Name and No. SJ 30-5 Unit #49
	9. API Well No. 30-039-21830
	10. Field and Pool, or exploratory Area Blanco Mesaverde
	11. County or Parish, State Rio Arriba, NM

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other Recmp MV with Dk
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

See the attached summary of the work performed to add the Mesaverde pay to the existing Dakota well and then stimulate the MV. Plans are to flow the Mesaverde and then at a later date, commingle the two formations' production. Administrative Order DHC-1530 dated April 23, 1997.

RECEIVED  
AUG 1 2 1997

OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct

Signed

*Patsy Chugator*

Title Regulatory Assistant

Date 7-24-97

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

ACCEPTED FOR RECORD

AUG 0 8 1997

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\* See Instruction on Reverse Side

FARMINGTON DISTRICT OFFICE

NMOCD

**San Juan 30-5 #49**  
**SF-078997; Unit M, 810' FSL & 800' FWL**  
**Section 9, T30N, R5W; Rio Arriba Co., NM**

**Details of the procedure used to add MV pay to existing DK well and stimulate.**

6/26/97

MIRU Big A #29. Killed well w/2% KCl. ND WH & NU BOPs. Test - OK. COOH w/2-3/8" tubing. GIH w/4-1/2" RBP & set @ 6300'. Dump 2 sx sand on top of RBP & load 4-1/2" casing w/2% KCl and test to 2500 psi. OK.

RU Blue Jet & logged from 3000' - 6295'. RU to perf Lower Pt. Lookout w/1 spf .36" holes @ 120° phasing as follows:

5580'-5585'	=	5';	5690'-5695'	=	5'
5597'-5602'	=	5';	5707'-5712'	=	5'
5615'-5620'	=	5';	5796'-5801'	=	5'
5637'-5642'	=	5';	5891'-5896'	=	5'
5674'-5679'	=	5'			

**Total 45 holes**

RU BJ to acidize w/4000 gal 15% HCl & 68 ballsealers. Avg. rate - 20 bpm & avg. pressure 3000 psi. Knocked off & retrieved balls.

RIH w/RBP & set @ 5570' and dumped 2 sx sand on top. Perf'd Cliffhouse, Menefee & Upper Pt. Lookout w/1 spf .36" holes @ 120° phasing as follows:

5223'-5228'	=	5';	5360'-5365'	=	5'
5251'-5256'	=	5';	5512'-5517'	=	5'
5295'-5300'	=	5';	5530'-5538'	=	8'
5315'-5320'	=	5';			

**Total 38 holes**

RU BJ & acidized w/1500 gal. 15% HCl & 57 ballsealers. Avg. rate 10 bpm & avg. pressure -500 psi. Knocked off and retrieved balls. RU BJ to frac Cliffhouse, Menefee & Upper Pt. Lookout w/slickwater. Pumped 35,310 gal fluid & 160,000 # 20/40 Brady sand @ avg rate 75 bpm and avg pressure 3500 psi. Flushed 78 bbls.

RIH w/RBP & set @ 5055'. Dumped 2 sx sand on top. Load hole & test to 500 psi - OK. GIH & perf'd the Lewis Shale as follows w/1 spf .36" holes @ 120° phasing:

3898'-3903'	=	5';	4476'-4481'	=	5'
4113'-4118'	=	5';	4554'-4559'	=	5'
4141'-4146'	=	5';	4616'-4621'	=	5'
4188'-4193'	=	5';	4726'-4731'	=	5'
4359'-4364'	=	5';	4951'-4956'	=	5'
4416'-4421'	=	5';	5027'-5032'	=	5'

**Total 60 holes**

Ran CBL - logged 5021'-3800', top of cement 4370'. Shut-in waiting on workover rig.

7/15/97

MIRU Big A #29. NU BOPs. Test. GIH & set 4-1/2" RBP @ 3800'. Dumped bail 2 sx sand. Test plug, OK. Shoot 2 .38" squeeze holes @ 3700'. GIH w/fullbore packer to 3700'. Pumped 15 bbls H<sub>2</sub>O & cleared tubing. RU BJ to pump squeeze on 4-1/2 x 7" annulus. Pumped 48 sx (80 cu ft) B neat cement mixed @ 13.5 ppg w/1.66 yield. Pump 17 sx (20 cu ft) B w/2% CaCl<sub>2</sub> mixed at 15.6 ppg w/1.18 yield. Displaced w/ 15.7 bbls H<sub>2</sub>O. Putting 2-1/2" below packer and leaving 1 bbl cement (65') in 4-1/2" casing. Shut 7" in w/450 psi. Pumped @ 1.5 bpm & 550 psi. Holding 500 psi on 2-3/8" X 4-1/2" annulus. Good H<sub>2</sub>O returns throughout job. RD BJ. Estimated TOC @ 2838'. COOH w/packer & RIH w/bit & scraper. Drilled out cement from 3625' - 3725'. Circ. clean. Test 4-1/2" casing to 500 psi - good test. POOH. Clean out & GIH w/retrieving head & released RBP & POOH. GIH w/4-1/2" packer & set @ 4400'.

RU BJ to acidize. Pumped 1500 gal 15% HCl w/52 ballsealers. Displaced w/50 bbls 2% KCl water. Release packer, knocked off and retrieved balls. RU BJ to frac Lewis Shale. Pumped w/60 Quality foam x-linked w/41,496 gal fluid; 1,160,000 scf N<sub>2</sub> & 290,000 # 20/40 Brady sand. Avg. pressure 3500 psi and avg. rate 60 bpm. ISIP - 700 psi. Flushed w/55 bbls 2% KCl. Flowed back immediately on 1/4" choke for @ 45 hours.

Killed well w/2% KCl. ND frac valve & NU BOPs. GIH, cleaned out to RBP & retrieved RBP. COOH laying down workstring & RBP. GIH w/2-3/8" 4.7# J-55 tubing and set at 7633'. "F" nipple set at 7601', Model R-3 Packer top set @ 5918', sliding sleeve @ 5555'. ND BOPs' NU WH. Test - 200 psi for 3 min and 3000 psi for 10 min. Good test. Run Protechnics gamma ray log through tubing from 3650' to 5150'. Opened sliding sleeve (plug still in end of tubing). Turned well over to production department.