Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

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

Phillips Petroleum Company  Address and Telephone No.  5525 Highway 64, NBU 3004, Farmington, NM 87401  Location of Well (Footage, Sec., T., R., M., or Survey Description)  Unit D, 824' FNL & 795' FWL Section 22, T30N, R5W  Blanco Mesaverde  11. County or Parish, State Rio Arriba, NM  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Abandonment Recompletion  Now Construction Non-Routine Fracturing Water Shut-Off Conversion to Injection  Dispose Water	BUREAU OF L	5. Lease Designation and Serial No.			
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.    Isse "APPLICATION FOR PETRINI = " for such proposals   SUBMIT IN TRIPLICATE	CLINICAL MOTICES AND DEDORTS ON WELLS		SF-078739		
SUBMIT IN TRIPLICATE  Submit IN TRIPLICATE  Type of Well  San Juan 30:5 Unit  San Juan San Ju		6. If Indian, Allottee or Tribe Name			
SUBMIT IN TRIPLICATE    Type of Well   Sax   Gase   Color	, ,	•			
New Collection   New Control   New Collection   New Col			7. If Unit or CA, Agreement Designation		
Sweet Name and No.	. Type of Well		San Juan 30-5 Unit		
Phillips Petroleum Company  Address and Toegebors Nov.  Address and Toegebors Nov.  Address and Toegebors Nov.  Address and Toegebors Nov.  Description Will through Sept. 1. Nr. Nr. or Survey Description Unit D. 824: FNL 8 795 FNL  Section 22, T30N, R5W  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  A vandominent  Recompletion  New Construction  New Cons	Oil Y Gas		8. Well Name and No.		
Advances and respitors No.    Social and Product   Superage   Supe	Name of Operator		SJ 30-5 Unit #71M		
Section 22, T30N, R5W   Subsequent Report   Program and an exercised depths for all markets and zones performed datas, including estimated data of starting any proposed work. If well is directionally direction from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.    Signed   Jan 2000   RECEIVED OIL Completed for RECURT   Signed   Jan 2000   RECEIVED OIL Completed for RECURT   Signed   Jan 2000   RECURT   Signed   Jan 2000   RECURT   Signed   Jan 2000   RECURT   Title   Sr. Regulatory/Proration Clerk   Data   Da			1		
Unit D. 824* FNL & 795* FWL Section 22, T30N, RSW    CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   TYPE OF SUBMISSION	5525 Highway 64, NBU 3004, Farmingt				
Section 22, T30N, R5W    Check APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA   TYPE OF SUBMISSION   TYPE OF ACTION   Change of Plant   New Construction   New C		scription)	DI		
Rio Arriba, NM  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF SUBMISSION  TYPE OF ACTION  A sandomment  Recompletion  New Construction  New Construction  Non Routine Frienting  Authoring Cating  Water State-Off Conversion to Injection  Discove Water  (None Report main of anisiptic completion on the Completed Operations in Clearly East all pertinent details, and give pertinent datas, including estimated date of starting any proposed work. If well is directionally of grow submitted beaution and invasional and true vertical depths for all markers and consequents work. If well is directionally of grow submitted beaution from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.  A subsequent report will be filed recording the actual date commingling occurs.  Title  Sr. Regulatory/Proration Clerk  Date					
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent   Asandomment   Change of Plans   New Construction   New Construction   New Construction   Congress that Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of stating any proposed work. If well is directionally draw or substantiate locations and measured and tree vertical depths for all markers and above positions to this work. If  See attached for details of the procedure used to complete the Mesaverde interval on the subject well.  Production from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.	Section 22, 130N, R5W				
TYPE OF SUBMISSION    Notice of Intent	CUECK APPROPRIATE POY(o	) TO INDICATE NATURE OF NOTICE REPORT			
Notice of Intent	2. CHECK APPROPRIATE BOX(S		ONOTHENDATA		
Recompletion   New Construction   New Construction   New Construction   Non-Routine Fracturing   Pringing Back   Conversion to Disjection   Conversion to Disjection of Recognition of Recognition of Recognition   Report matter of adults   Conversion to Disjection   Conversion to Disject   Conversio	TYPE OF SUBMISSION	TYPE OF ACTION			
Subsequent Report	Notice of Intent	Apandonment	Change of Plans		
Citing Repair   Water Shist-Off   Conversion to Injection   Dissortion   Charly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally degree subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.]*  See attached for details of the procedure used to complete the Mesaverde interval on the subject well.  Production from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date commingling occurs.    A subsequent report will be filed recording the actual date of the measured and true vertical depth of the work. If well is directionally depth of the measured and true vertical depth of the work. If well is directionally date of the measured and true vertical		Recompletion	New Construction		
Approved by	Subsequent Report	Plugging Back	<u></u>		
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 dright subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  See attached for details of the procedure used to complete the Mesaverde interval on the subject well. Production from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.  JAN 2000  RECEIVED  OIL CON, DIV  DIST. 3  JAN 2000  RECEIVED  OIL CON, DIV  DIST. 3  (This space for Federal or State office use)  Approved by Conditions of approval, if any:	Line About money Nation				
Conditions of approval, if any:    Conditions of approval, if any:   Condi	I had Mountonness today				
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 dress pertinent to this work.)  See attached for details of the procedure used to complete the Mesaverde interval on the subject well. Production from both zones will be commingled per Administrative Order DHC - 2487 dated 10/20/99.  A subsequent report will be filed recording the actual date commingling occurs.  JAN 2000  RECEIVED OIL CON, DIV DIST, 3  Title  Sr. Regulatory/Proration Clerk  Date		Other TV COMPTECTOR	(Note: Report results of multiple completion on Well		
14. I hereby certify that the foregoing is true and correct Signed	Production from both zones will be	recording the actual date commingling occurs  JAN 2000  RECEIVED  OILCON. DIV  DIST. 3	487 dated 10/20/99.		
	Signed alsoy (Might)		Date 12/30/99		
	• •	Title	Date Dr (*1)		
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 makes, Activation fraudulent states or representations as to any matter within its jurisdiction.	Conditions of approval, if any:	14	JUEPTED FOR HELJUN		
· · · · · · · · · · · · · · · · · · ·	Title 18 U.S.C. Section 1001, makes it a crime for any person representations as to any matter within its jurisdiction.	on knowingly and willfully to make to any department or agency of the Uni	ted States and false, Articolous fraudulent stateme		

\* See Instruction on Reverse Side

FARMINGTUN FIELD OFFICE

## San Juan 30-5 Unit #71M SF-078739; API - 30-039-26029 Unit D, 824' FNL & 795' FWL; Section 22, T30N, R5W Rio Arriba, County, NM

Procedure used to add the Mesaverde intervals to the exisiting Dakota well and then commingle production.

## 12/9/99

Lockout/tagout location. RIH w/set BP in FN @ 7868'. MIRU Key Energy #7. ND WH & NU BOPs. PT-OK. GIH & tagged up @ 7959' (PBTD). COOH. RU Blue Jet & perforated Mesaverde interval @ 1 spf .31" holes as follows:

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5892', 5864', 5856', 5842', 5832', 5790', 5780', 5770', 5753', 5746', 5740', 5731', 5720', 5706', 5698', 5696', 5682', 5679', 5676', 5674', 5672', 5669', 5665', 5649', 5638', 5635', 5633', 5627', 5625', 5621', 5619', 5616', 5613', 5603', 5601', 5597', 5591', 5584', 5574', 5566', 5543', 5532', 5506', 5500', 5483', 5473', 5442', 5438', 5410', 5399' Total 50 holes
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RU to acidize. Pumped 1000 gal 15% HCL & ballsealers. RIH w/junk basket & recovered balls. RD Blue Jet. RU to frac. Pumped 82,213 gal 60 Quality N2 foam w/3# Viking X-link gel w/203,120 # 20/40 Brady sand. Total N2 used 900,000 scf. ISR - 50 bpm, ATP - 2700 psi. ISIP - 1881 psi. Flowed back on 1/4" and 1/2" chokes for approx. 40 hours. Kill well w/40 bbls clay water. RD flowback equipment & pulled isolation tool. GIH w/4-1/2" TV 10 CIBP & set @ 5000'. GIH & dumped 10' sand on top of CIBP. Load casing w/64 bbls 2% KCl & PT CIBP & casing to 3800 psi. for 30 minutes. Good test.

ND & pulled isolation tool & NU wireline lubricator. GIH & shoot 2 (.38") squeeze holes @ 4548 under 500 psi. Well on vacuum. RIH w/4-1/2" cement retainer & set 4512'. PT - OK. Established inject rate. Pumped 100 sx Class H cement w/.75% FL62 w/0.2% CD-23, w/0.2% sodium metasilicate w/1.19 cf yield. Pumped tail - 25 sx Class H cement w/2% CaCl2 - 1.2 yield. Displaced w/17 bbls water. Pulled out of retainer & reversed out 2 bbls good cement. Job complete 12/16/99. RD BJ.

GIH w/3-7/8" bit & tagged @ 4510'. 2' cement on retainer. Drilled out cement & retainer 4512', & 40' of cement to 4555'. Circ. hole. & cleaned hole w/80 bbls 2% KC. COOH. RU Blue Jet & ran GR/CCL/CBL from 4900' to 3750'. Good bond from 4047' - 4804' (proposed perforation interval). TOC - 3850' w/7" intermediate @ 3612'. GIH & perforated Lewis Shale interval @ 1 spf .36" holes as follows:

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4802' - 4804'(3'); 4753' - 4755' (3'); 4673' - 4675' (3'); 4616' - 4618' (3'); 4571' - 4573' (3'); 4549' - 4551' (3'); 4366' - 4368' (3'); 4337' - 4339' (3'); 4308' - 4310' (3'); 4294' - 4296' (3'); 4265' - 4267' (3'); 4047' - 4049' (3'); Total 36 holes
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RIH w/FB Packer & set @ 42'. RU to acidize. Pumped 1000 gal 15% HCL & ballsealers. Released packer & COOH. RIH w/junk basket & retrieved balls. RD Blue Jet. RU to frac. Pumped 66,879 gal 60 Quality N2 foam w/30# Viking X-link gel w/199,900 # 20/40 Brady sand. Total N2 - 821,500 scf. ATR - 45 bpm, ATP - 2500 psi. ISIP - 609 psi. Flowed back on 1/4" and 1/2" chokes for approx. 42 hours. RD flowback equipment. RIH & tagged sand @ 4949'. Cleaned out fill w/air to 5000' (1st CIBP). Drilled out. Chased to #2 CIBP @ 6300'. Drilled out #2 CIBP & chased to 7959' (PBTD). COOH. RIH w/2-3/8" 4.7# tubing and set @ 7876' with "F" nipple set @ 7843'. ND BOP. NU WH. Pumped off expendable check. RD & released rig 12/28/99. Turned well over to production department.

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## LIMITED OF ATEC

FORM APPROVED

Form 3160-5 (June 1990)		T OF THE INTE	OF THE INTERIOR			Budget Bureau No. 1004-0138 Expires: March 31, 1998	
BUREAU OF LAND MANAGEM			MENT	ļ	5. Lease Designation and Serial No.		
SUNDRY NOTICES AND REPORTS ON WELLS			]	SF-078739			
Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.				voir	6. If Indian, Allottee or Tribe Name		
	Use "APPLICATION FOR	•	•				
SUBMIT IN TRIPLICATE					7. If Unit or CA, Agreement Designation		
I. Type of Well				San Juan 30-5 Unit			
Oil X Gas Other					8. Well Name and No.		
2. Name of Operator					SJ 30-5 Unit #71M		
Phillips Petroleum Company				9. API Well No.			
3. Address and Telephone No.				1	30-039-26029		
5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)					10. Field and Pool, or exploratory Area		
Unit D, 824' F	·	• ,			Basin Dakota and Blanco Mesaverde		
Section 22, T30N, R5W			ŀ	11. County or Parish, State			
					Rio Arriba,	NM	
12. CHECK	APPROPRIATE BOX(s	) TO INDICATE	NATURE OF NOTICE, R				
	SUBMISSION	TYPE OF ACTION					
Notice	e of Intent		At and on ment		Change of Plans		
			Recompletion		New Construction	1	
X Subsequent Report	quent Report		Plugging Back		Non-Routine Frac	turing	
			Casing Repair		Water Shut-Off		
Final	Abandonment Notice		Altering Casing		Conversion to Inju	ection	
		X	Other <u>Commingling noti</u>	fication	L Dispose Water		
					(Note: Report results of mu Completion or Recompletion		
give subsurface	locations and measured and true vert	cal depths for all marker	e persinent dates, including estimated is and zones pertinent to this work.)*  erde and Dakota zones i			ll is directionally drille	
			JAN 2000 SE RECEIVED OILCON. DIV DIST. 3				

Sr. Regulatory/Proration Clerk Title \_ (This space for Federal of State office use) JULEPTED FOR RECOR Approved by \_ Title Conditions of approval, if any: 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 matter within its jurisdiction.

\* See Instruction on Reverse Side

FARMINGION FIELD OF FICE