Form 3160-5 (June 1990)

## UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
Budget Bureau No. 1004-0135

Buuget Bur	eau ivo.	1004-0133
Expires:	March 3	1, 1993

SUREAU OF LAND MANAGEMENT  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   Signal   Other   San Juan 30 - 5 Unit   San Juan		THE HARDENOR	Expires: March 31, 1993
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   San Juan 30-5 Unit #37	BUREAU OF	LAND MANAGEMENT	-
Substitute   Sub	SUNDRY NOTICES A	ND REPORTS ON WELLS	
SUBMIT IN TRIPLICATE  1. Type of Well	Do not use this form for proposals to dril	I or to deepen or reentry to a different reservoir.	o. It mulan, Another of Tibe Ivame
Submit in TRIPLICATE    Type of Neal   San Juan 30 - 5 Unit   San Ju	Use "APPLICATION FOR	R PERMIT - " for such proposals	
San Juan 30-5 Unit   Section   Sec	SUBMI	IN TRIPLICATE	7. If Unit or CA, Agreement Designation
S. Well Name and No.			San Juan 30-5 Unit
2. Name of Operator Phillips Petroleum Company 3. Address and Telephone No. 5525 Highway 64. NBU 3004, Farmington, NM 87401 505-599-3454 1630' FSL & 1670' FML Section 8, T30N, R5W L  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION TYPE OF ACTION    Notice of Intent			
3. Address and Telephone No. 5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3454 4. Location of World (Toolage, Sec. T. R. M., or Survey Description) 1630' FSL & 1670' FWL Section 8, T30N, R5W  Section 8, T30N, R5W  12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION    Notice of Intent			1 20 5 Uni+ #27
5525 Highway 64, NBU 3004, Farmington, NM 87401  1. Losation of Wolf (Footgag, Sec., T. R. M., or Survey Description)  1. Losation of Wolf (Footgag, Sec., T. R. M., or Survey Description)  1. Section 8, T30N, R5W  1. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  1. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  1. Subsequent Report  1. Change of Plans  1. New Construction  1. Subsequent Report  1. Change for Plans  1. Change of Plans  1. New Construction  1. Charly state all pertinent details, and give pertinent data, including estimated date of stating any proposed work. If well is directionally of members are observationed in members and some pertinent to this work.)*  1. Describe Proposed or Completed Operations (Clearly state all pertinent data, including estimated date of stating any proposed work. If well is directionally of an american and some pertinent to this work.)*  1. Describe Proposed or Completed Operations (Clearly state all pertinent data, including estimated date of stating any proposed work. If well is directionally of an american and some pertinent to this work.)*  1. Describe Proposed or Completed Proposed and complete the Mesaverde and commingle production downhole with the Dakota. See the attached for the projected recompletion outline.  1. Describe Proposed or Complete the Mesaverde and commingle production downhole with the Dakota. See the attached for the projected recompletion outline.  1. Describe Proposed or Complete the Mesaverde and commingle production downhole with the Dakota. See the attached for the projected recompletion outline.  1. Describe Proposed or Complete the Mesaverde and commingle production downhole with the Dakota. See the attached for the projected recompletion outline.  1. Describe Proposed or Complete the Mesaverde and commingle production downhole with the Dakota and Mesaverde zones in SJ 30-5 are margin for downhole commingle production downhole with the for	Phillips Petroleum Company		
Section of Well (Fronges, Sec., T. R. M., or Survey Description)   Basin Dakota Blanco Messaverde   11. County or Parish, State   Rio Arriba   NM			30-039-20782
Section 8, T30N, R5W			d
Section 8,T30N, R5W  CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA  TYPE OF SUBMISSION  TYPE OF ACTION  Notice of Intent  Subsequent Report  Final Abandonment Notice  Abandonment Notice  Plugging Back Costing Report  And Other Recompletion  And Other Recompletion on Workshop of Subsequent Report  Acting Costing		occupation)	
Rio Arriba NM    CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA    TYPE OF SUBMISSION   TYPE OF ACTION			
TYPE OF SUBMISSION    X   Notice of Intent   Abandonment   Change of Plans   New Construction   Non-Routine Fracturing   Water Shut-Off   Casing Report   Water Shut-Off   Cosing Repair   Water Shut-	K		Rio Arriba NM
Abandomment   Change of Plans   New Construction   Non-Routine Fracturing   Non-Routine Fracturing   Non-Routine Fracturing   Matering Casing Repair   Other ReCmpl. MV with DK   Dispose Water Shut-Off   Altering Casing Repair   Other ReCmpl. MV with DK   Dispose Water (None: Report results of malitiple completion on the proposed or Completed Operations. (Clearly state all pertinent data)s, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally driggive subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  This is a Dakota well completed in 1/74. 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 margin 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.    APR - 8 1937	CHECK APPROPRIATE BOX(	s) TO INDICATE NATURE OF NOTICE, REPORT,	OR OTHER DATA
Recompletion   New Construction   New Construction   Non-Routine Fracturing   New Construction   Plugging Back   Non-Routine Fracturing   Water Shut-Off   Conversion to Injection   Other Recmp]. MV with DK   Dispose Water   None-Recmplor Recompletion of Machine Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally dre give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.]*  This is a Dakota well completed in 1/74. 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 margin 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.    APR - 8 1937	TYPE OF SUBMISSION	TYPE OF ACTION	
Subsequent Report   Plugging Back   Non-Routine Fracturing   Water Shut-Off   Casing Repair   Water Shut-Off   Conversion to Injection   Conversion to Injection   Conversion to Injection   Nother Recmpl. MV with DK   Conversion to Injection   Nother Recmpl. MV with DK   Conversion to Injection on Work   Nother Recmpl. MV with DK   Conversion to Injection   Nother Recmpl. MV with DK   Conversion to Injection on Work   Nother Recmpl. MV with DK   Conversion to Injection on Work   Nother Recmpl. MV with DK   Conversion to Injection   Nothe	X Notice of Intent	Abandonment	Change of Plans
Casing Repair  Altering Casing  Nother Recmpl. MV with DK  Dispose Water  (Note: Recompleted Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally dressive subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  This is a Dakota well completed in 1/74. 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 margin 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.  DECEMBER 1937  OIL COMO DIVIDED 1000  APR - 8 1937  Title Regulatory Assistant  Date 3-25-97		Recompletion	New Construction
Altering Casing    Altering Casing   Conversion to Injection	Subsequent Report	Plugging Back	Non-Routine Fracturing
Altering Casing    X  other   Recmp1, MV with DK   Dispose Water   Note: Report results of multiple completion on W. Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drive subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*  This is a Dakota well completed in 1/74. 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 margin 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.    DECE   VIII   APR - 8 1937   Date   3-25-97		Casing Repair	Water Shut-Off
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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.  DECEIVED  APR - 8 1937  OIL CON DIV.  Distr. 3  14. Thereby certify that the foregoing former of the submitted and correct signed that you will be submitted and approval of same obtained prior to actual commingling.  DECEIVED  APR - 8 1937  Distr. 3  Title Regulatory Assistant  Date 3-25-97	hole and complete the Mesaverd	e and commingle production downhole wi	proposing to come up th the Dakota. See the
14. I hereby certify that the foregoing/struspend correct/ Signed Lating Regulatory Assistant  Date 3-25-97	for downhole commingling purpo	ses, Order No. R-10771, Reference Case	No. 11709. A C-107A
14. I hereby certify that the foregoing/struspend correct/ Signed Lating Regulatory Assistant  Date 3-25-97			
14. I hereby certify the the foregoing structure and correct/ Signed Lating Cuty Title Regulatory Assistant  Date 3-25-97			
14. I hereby certify that the foregoing is true and correct  Signed Lalsy Culty Title Regulatory Assistant  Date 3-25-97		UU APR - 8 1997 [1]	
4. I hereby certify that the foregoing is true and correct/ Signed Lalsy Culty Title Regulatory Assistant  Date 3-25-97		- 1007	
14. I hereby certify that the foregoing is true and correct  Signed Latsy Cuty on Title Regulatory Assistant  Date 3-25-97			
Signed Latsy (lugger Title Regulatory Assistant Date 3-25-97		Ending &	All Marketine Control
(This space for Federal of State office use)	It. Illier In	Title Regulatory Assistant	Date 3-25-97
ΔPR () ,)			- 4007
	•		<b>Vbb</b> 0.3 (23)
Conditions of approval, if any:	Approved by - Trans	Titla -	APR 0 3 1937



## 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.

danny\mvdkrcp.prc

## **Phillips Petroleum Company**

**Farmington Profit Center** 

1630' FSL, 1670' FWL, S8, T30N, R5W

Unit/Well No.: San Juan 30-5 #37

Location:

Rio Arriba County, NM

Specified Depth Datum:

KB @ 6332'

Spud Date:

11/23/73

Date Completion began:

Final Date of Completion:

0.4740	13-3/4" hole
	TOC @ surface
Î	

234'

· · · · · · · · · · · · · · · · · · ·	Tubular	s Record	
	Size (in)	Grade	Depth (ft)
Surface	9-5/8	32.3# H-40	234
Intermediate	7	23# J-55	3468
Production	4-1/2	10.5 & 11.6# J-55	7872
Tubing - 242 jts.	1-1/2	2.9# J-55 10R	7807
Pkrs, sleeves,etc.			

\_8-3/4 " hole TOC @ 2200'

Cementing Record												
Lead (sx/cf) Tail (sx/cf) Comments												
Surface	225 cf		Topped off w/ 1"									
Intermediate	208 cf		TOC @ 2200'									
Production	634 cf		TOC @ 2400'									

3468'

<u>Nipple</u>

Type:

Depth: 7776'

		Perfo	rations	
	Depth (ft)	spf	Depth (ft)	spf
	7696-7702		16 shots/interval	
	7712-18		16 shots/interval	
	7744-52		16 shots/interval	
$\Gamma$	7776-82		16 shots/interval	
	7812-20		16 shots/interval	

6-1/4 " hole TOC @ 2400' PBTD @ 7863' TD @ 7872' 7872'

9																	

Job Specifications: Frac'd w/ 50,000# 40/60 sd & 61,234 gals. treated water. Dropped 4 sets of 16 balls. Flushed w/ 5,000 gals. water. AR - 30 BPM, AP - 3700 psi, MP - 4000 psi.

Well:

San Juan 30-5 No. 37

Location:

1630' FSL, 1670' FWL, Sec. 8, T30N, R5W, Rio Arriba County, NM

Depth Datums:

GL - 6321', KB - 6332', TD - 7872', PBTD - 7863'

Casing:

Surface

13-3/4" hole. 9-5/8" 32.3# H-40 set @ 234'.

Cmt'd w/ 225 cu.ft., topped off w/ 1" from surface.

Intermediate

8-3/4" hole. 7" 23# J-55 set @ 3468'.

Cmt'd w/ 208 cu.ft., TOC @ 2200' by temp. survey

Production

6-1/4" hole. 4-1/2" 10.5 & 11.6# J-55 set @ 7872', FC @ 7863'.

(10.5 # from surf. to 6412', 11.6# from 6412-7872') Cmt'd w/ 634 cu.ft., TOC @ 2400' by temp. survey

Tubing:

242 jts. 1-1/2" 2.9# J-55 set @ 7807', SN @ 7776'

Completion:

Dakota

Perfs

7696-7702', 7712-18', 7744-52', 7776-82', 7812-20' (16 shots per interval)

Stimulation

Frac'd w/ 50,000# 40/60 sd & 61,234 gals. treated water. Dropped 4 sets of 16 balls. Flushed w/ 5,000 gals. water. Avg. rate - 30 BPM, MP - 4,000 psi, AP - 3,700 psi.

Initial test

4,039 MCFD AOF, SITP - 2956 psi, SICP - 2967 psi

Formation Tops:

Mesaverde - 5306', Pt. Lookout - 5512', Dakota - 7688'

Comments:

Hole became wet while drilling @ 3794'. Had to squeeze 3 times, 100 sx beneath pkr @ 3390', 100 sx thru perfs @ 3450' & 3460', 150 sx thru perfs @ 3400' & 3417'.