Form 3160-5 (June 1990)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM A	APPRO	VED	
Budget Burea	u No.	1004	-0135
Expires: N	farch 3	1 1	993

	Expires:	March 31,	1993	
Lease	Designat	tion and Ser	ial No	

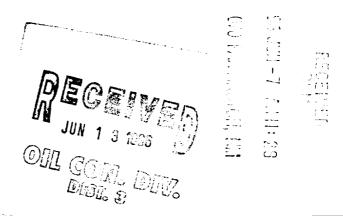
SUNDRY NOT	TICES AND	REPORTS	ON	WELLS
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If Indian, Allottee or Tribe Name

SF-078277

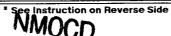
1. Type of Well Oil X Gas Other One of Operator	San Juan 29-5 Unit
Oil X Gas Other	San Juan 29-5 Unit
2 Name of Occasion	8. Wel: Name and No.
•	SJ 29-5 #20A
Phillips Petroleum Company	9. API Well No.
D. Address and Telephone No. 5525 Highway 64. NBU 3004. Farmington. NM 87401 505-599-3	30-039-21341
5525 Highway 64, NBU 3004, Farmington, NM 87401 505-599-3 Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or exploratory Area
Unit F, 1850' FNL & 1850' FWL	Blanco Mesaverde
Section 7, T29N, R5W	11. County or Parish, State
	Rio Arriba, NM
2. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPO	RT, OR OTHER DATA
TYPE OF SUBMISSION TYPE OF ACTI	ION
Notice of Intent Abandonment	Change of Plans
Recompletion	New Construction
X Subsequent Report Plugging Back	Non-Routine Fracturing
Casing Repair	Water Shut-Off
Final Abandonment Notice Altering Casing	Conversion to Injection
X Other Add Pay	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of	
give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*	

tormation.



14. I hereby certify that the foregoing is true and correct Signed	Tide Envir./Regul	
(This space for Federal or State office use) Approved by	Title	ACCEPTED FOR REGUND
Conditions of approval, if any:		JUN 07 1996

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, fictious or frepresentations as to any matter within its jurisdiction.



Procedure Used to Perforate and Stimulate the Lewis Shale to Add Pay to the Mesaverde Formation on the San Juan 29-5 #20A

5/21/96

MIRU Big A #18. RD WH & RU BOP. Test. COOH w/production tubing. RU Bluejet. RIH & set RBP @ 5250'. COOH. RIH & dump sand on RBP. COOH. Test to 500 psi. RIH & ran GR/CCL log from 3236' to 5236'. COOH. RIH & Perf as followed:

4210' - 4220'	1 spf	10 holes	120° Phasing
4220' - 4230'	1 spf	10 holes	120° Phasing
4475' - 4485'	1 spf	10 holes	120° Phasing
4395' - 4400'	1 spf	5 holes	120° Phasing
4605' - 4610	1 spf	5 holes	120° Phasing
	•	40 holes total	_

RD Bluejet. RIH w/4-1/2" fullbore packer and set @ 4156'. Spot 6 bbls of 15% HCL acid across perfs. POOH & set Packer 4155'. Frac'd well with the following:

59,934 gal 30# gel water 452,000 scf N_2 w/50% foam quality 228,960 # 20/40 Arizona sand. 1# stage to 6# stages Treating pressure - max - 5490 psi, min - 3500 psi, avg - 5200 psi, Avg. rate 25 bpm. ISIP 2240#.

Immediate flowback on ¼" choke for @ 18 hours. SI for 15 hours to buildup pressure. RD Frac head. Swabbed 3-1/2" tubing - 3 runs. Flowed back @ 90 more hours. COOH w/workstring. RIH & circ. sand out. Release RBP @ 5250'. Had to circ. sand w/N₂. Landed tubing as follows:

2-3/8" exp. check set @ 5714'; FN w/1.81 profile set @ 5682'; Blast jts - 4204'-4234'; 4386'-4405'; 4468'-4488'; 4600'-4620'; 2-3/8" sliding sleeve w/1.87 profile set @ 4138'; No packer in hole.

RD Big A #18, Rig release @ 1330 hrs on 5/30. Well put on line 5/30/96 producing from both the Lewis Shale and the original zone in the Mesaverde formation. Production @ 347 mcfd.

295#20af.prc

	New Mexico tural Resources Department APPROPRIATE DISTRICT OFFICE
1000 Rio Brazos Rd. Azzec, NN F7810 TY OIL & GAS INSPECTOR P.O.	ATION DIVISION Box 2088 Mexico 87504-2088
-11 -11 -11 -11 -11 -11 -11 -11 -11 -11	SEP 1 9 1994
(III REVIEDIATION A	ND CLOSURE REPORTIL COM. DIV.
Alline	DIST. 3
Operator: Williams Field Services	Telephone: 801-584-6999
Address: 295 Chipeta Way Salt L.	ake City, UT 84158
Facility Or: SJ 29-5 # 20A Well Name	
Location: Unit or Qtr/Qtr Sec	ec 7 T29N R5W County RIO ARRIGA
Pit Type: Separator Dehydrator_X O	ther
Land Type: BLM, State, Fee	, Other Gene Lonez
Pit Location: Pit dimensions: length (Attach diagram) Reference: wellhead X Footage from reference: Direction from reference	, other
Depth To Ground Water: (Vertical distance from contaminants to seasonal high water elevation of ground water)	Less than 50 feet (20 points) 50 feet to 99 feet (10 points) Greater than 100 feet (0 Points) 10
Wellhead Protection Area: (Less than 200 feet from a private domestic water source, or; less than 1000 feet from all other water sources)	Yes (20 points) No (0 points) <u>O</u>
Distance To Surface Water: (Horizontal distance to perennial lakes, ponds, rivers, streams, creeks, irrigation canals and ditches)	Less than 200 feet (20 points) 200 feet to 1000 feet (10 points) Greater than 1000 feet (0 points) O
	RANKING SCORE (TOTAL POINTS): 10

Date Remediation St	arted:	Dated Completed:
Remediation Method: (Check all appropriate	Excavation	Approx. cubic yards
sections)	Landfarmed	Insitu Bioremediation
	Other	
Remediation Locatio (ie. landfarmed onsite,	n: Onsite C	Offsite
name and location of offsite facility)		
General Description	Of Remedial Acti	on:
		th OCD and BLM guidance document.
Ground Water Encount	ered: No X	Yes Depth
Final Pit: Closure Sampling:	Sample location	Standard Triangle from pit floor.
(if multiple samples, attach sample results		
and diagram of sample locations and depths)	Sample depth	3'
• •	Sample date 6-	8-94 Sample time 6:05p
	Sample Results	
	Benzene(ppm)	
	Total BTEX((mqc
	Field heads	pace(ppm) 88
	TPH <u>450</u>	
Ground Water Sample:	Yes No _	χ (If yes, attach sample results)
I HEREBY CERTIFY THA OF MY KNOWLEDGE AND	T THE INFORMATION BELIEF	ABOVE IS TRUE AND COMPLETE TO THE BEST
DATE 9-6-94		
SIGNATURE Al Sau	PRINTED AND TIT	



ORGANIC ANALYSIS REPORT

AMERICAN

WEST Client: Mile High Environmental ANALYTICAL Date Sampled: June 8, 1994 LABORATORIES Date Received: June 14, 1994

Set Description: Forty-Five Solid Samples

Set Identification #: 18743 Contact: Mark Harvey

Received By: Elona Hayward

Analysis Requested:
Total Recoverable Petroleum

Hydrocarbons

Method Ref. Number:

EPA 418.1 (Extraction Infrared Absorption)

Date Extracted: June 20, 1994

Salt Lake City, Utah 18743-34 84115

463 West 3600 South Lab Sample ID. Number:

Field Sample ID. Number: Vulnerable Area Pit Location

SJ 29-5 #20A 86964

Date Analyzed: June 22, 1994

Analytical Results

Total Recoverable Petroleum Hydrocarbons

Units = mg/kg (ppm)

(801) 263-8686 Fax (801) 263-8687

Compound:

Detection Limit:

Amount Detected:

Total Recoverable Petroleum Hydrocarbons

5.0

450.

< Value = None detected above the specified method detection limit, or a value that reflects a reasonable limit due to interferences.

Released by:

Report Date 6/27/94

1 of 1