



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
5525 HWY. 64 NBU 3004

OIL CONSERVATION DIVISION
RECEIVED

'94 JUN 13 PM 8 50

June 9, 1994

Mr. William J. LeMay
New Mexico Oil Conservation Division
P. O. Box 2988
Santa Fe, New Mexico 87501

Re: San Juan 29-6 Unit #257R
Unit D, 926' FNL & 1229' FWL
Section 9, T29N, R6W
Rio Arriba County, New Mexico
GF-5396

Dear Mr. LeMay:

Phillips Petroleum Company, as Operator of the San Juan 29-6 Unit requests administrative approval of an unorthodox location for the drilling of the referenced Fruitland Coal seam well. The #257R will replace the #257 well located 981' FSL and 2020' FWL; the #257 is to be converted to a pressure observation well.

The request for approval of an unorthodox location is based upon the following:

- 1) Archaeological sites and adverse topographical conditions precluded either an orthodox or unorthodox location in the SW/4 Section 9.
- 2) Additional archaeological sites precluded location in the SW portion of the NW/4 Section 9.
- 3) This well was staked twice. The surface owner requested that the initial redrill location be moved as stated hereinabove. The surface owner verbally approved the redrill location which avoids archaeological disturbance.

The spacing unit for the #257R (W/2 Section 9) is internal to the San Juan 29-6 Unit, offset in the E/2 and the surrounding eight sections by 29-6 Unit wells completed in the Basin Fruitland Gas Coal Pool. Therefore, no offset operator notification of this request is necessary.


Attached herewith is a Form C-102, a plat showing the #257R and offsetting Fruitland Coal wells and a copy of the La Plata Archaeological Consultants dated April 18, 1994 and June 1, 1994 summary reports with enclosure for your review and file.

Mr. William J. LeMay
San Juan 29-6 Unit #257R
June 9, 1994
Page 2

To confirm, the surface location for the proposed unorthodox location for the San Juan 29-6 #257R is on private land; minerals are Federally owned (BLM Lease SF-080377).

Very truly yours,

PHILLIPS PETROLEUM COMPANY


A. J. Kieke, CPL
Area Landman
San Juan Basin
(505) 599-3410

cc: Ernie Bush
NMOCD - Aztec

LA PLATA ARCHAEOLOGICAL CONSULTANTS

26851 County Road P Dolores, Colorado 81323

Office Phone: (303) 565-8708

Fax Phone: (303) 882-2224

April 18, 1994

Mr. Ed Hasely
Phillips Petroleum
5525 Highway 64 NBU 3004
Farmington, New Mexico 87401

Dear Mr. Hasely:

The archaeological survey of Phillips Petroleum's proposed San Juan 29-6 Unit No. 257R was conducted by personnel of La Plata Archaeological Consultants on March 17, March 28, and April 6, 1994. The field work was conducted by Maureen Cavanaugh, and the project was administered by Steven Fuller.

The project is located on lands under private ownership with Federal jurisdiction over subsurface minerals.

The initial area surveyed for the proposed San Juan 29-6 No. 257R well pad was in the SW $\frac{1}{4}$ of Section 9, T29N, R6W on the USGS Fourmile Canyon, NM quad. During an informal, preliminary archaeological reconnaissance on March 17, 1994, 10 archaeological sites were encountered (see attached map). These sites include Anasazi Pueblo I habitations, Navajo Gobernador Phase habitations, and limited activity sites (BLM 38606, 38607, 38608, 38655 and Unrecorded Site No.'s 1 through 6). The density of archaeological sites encountered was such that no area was available to accommodate a well location and access road either within the allotted footages or anywhere else in the SW $\frac{1}{4}$ of Section 9. Subsequently, alternative placement for the proposed location was considered in the NW $\frac{1}{4}$ of Section 9. Additional archaeological reconnaissance was conducted on March 28 and April 6, 1994. Two extensive Navajo habitations (BLM 3687 and Site No. 7) precluded placement of the location in the southwest portion of the NW $\frac{1}{4}$. The final placement of the location is immediately northwest of Phillips Petroleum's existing San Juan 29-6 Unit No. 66A well pad. A formal archaeological survey was conducted for the final location. No archaeological sites were encountered during the survey and archaeological clearance is recommended for this location. An archaeological survey report on the final survey of this location is being submitted to the BLM and Phillips Petroleum.

If you have any questions, please let me know.

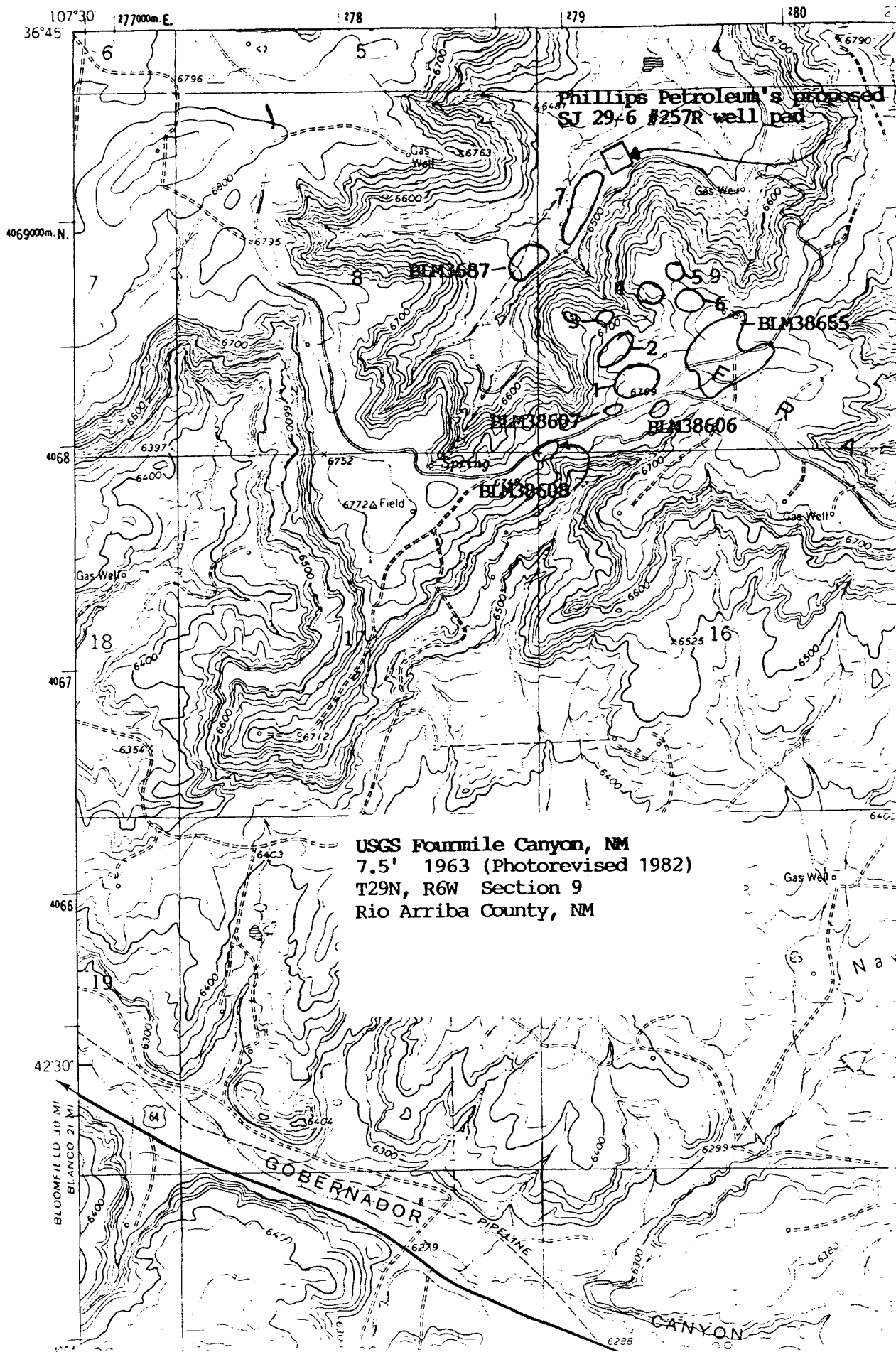
Sincerely,


Steven L. Fuller

Enclosure

44571 SE
(PINE RIVER)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



LA PLATA ARCHAEOLOGICAL CONSULTANTS

26851 County Road P

Dolores, Colorado 81323

Office Phone: (303) 565-8708

Fax Phone: (303) 882-2224

June 1, 1994

Mr. Edward Hasely
Phillips Petroleum
5525 Highway 64 NBU 3004
Farmington, NM 87401

Dear Mr. Hasely,

The archaeological survey of Phillips Petroleum's original and *relocated* San Juan 29-6 Unit No. 257r well pad was conducted by personnel of La Plata Archaeological Consultants between March and May. The field work was conducted by Maureen Cavanaugh, and the project was administered by Steven Fuller.

The project is located on lands under private ownership with Federal jurisdiction over subsurface minerals.

The initial area surveyed for the proposed San Juan 29-6 No. 257R well pad is in the SW $\frac{1}{4}$ of Section 9, T29N, R6W on the USGS Fourmile Canyon, NM map. During an informal archaeological reconnaissance on March 17, 1994, 10 archaeological sites were encountered (see attached map). These sites include Anasazi Pueblo I habitations, Navajo Gobernador Phase habitations, and limited activity sites (BLM38606, BLM 38607, BLM38608, BLM38655, and Unrecorded Site No.'s 1 through 6). The density of archaeological sites encountered was such that no area was available to accommodate a well location and access road either within the allotted footages or anywhere in the SW $\frac{1}{4}$ of Section 9. Subsequently, alternative placement for the proposed location was considered in the NW $\frac{1}{4}$ of Section 9. Additional archaeological reconnaissance was conducted on March 28 and April 6, 1994. Two extensive Navajo habitations (BLM3687 and Site No. 7) precluded placement of the location in the southwest portion of the NW $\frac{1}{4}$. The final placement of the location is immediately southeast of Phillips Petroleum's existing San Juan 29-6 Unit No. 66A well pad. A formal archaeological survey was conducted on May 18 for the final location. No archaeological sites were encountered during the survey and archaeological clearance is recommended for this location. An archaeological survey report on the final survey of this location has been submitted to the BLM and Phillips Petroleum.

If you have any questions, please let me know.

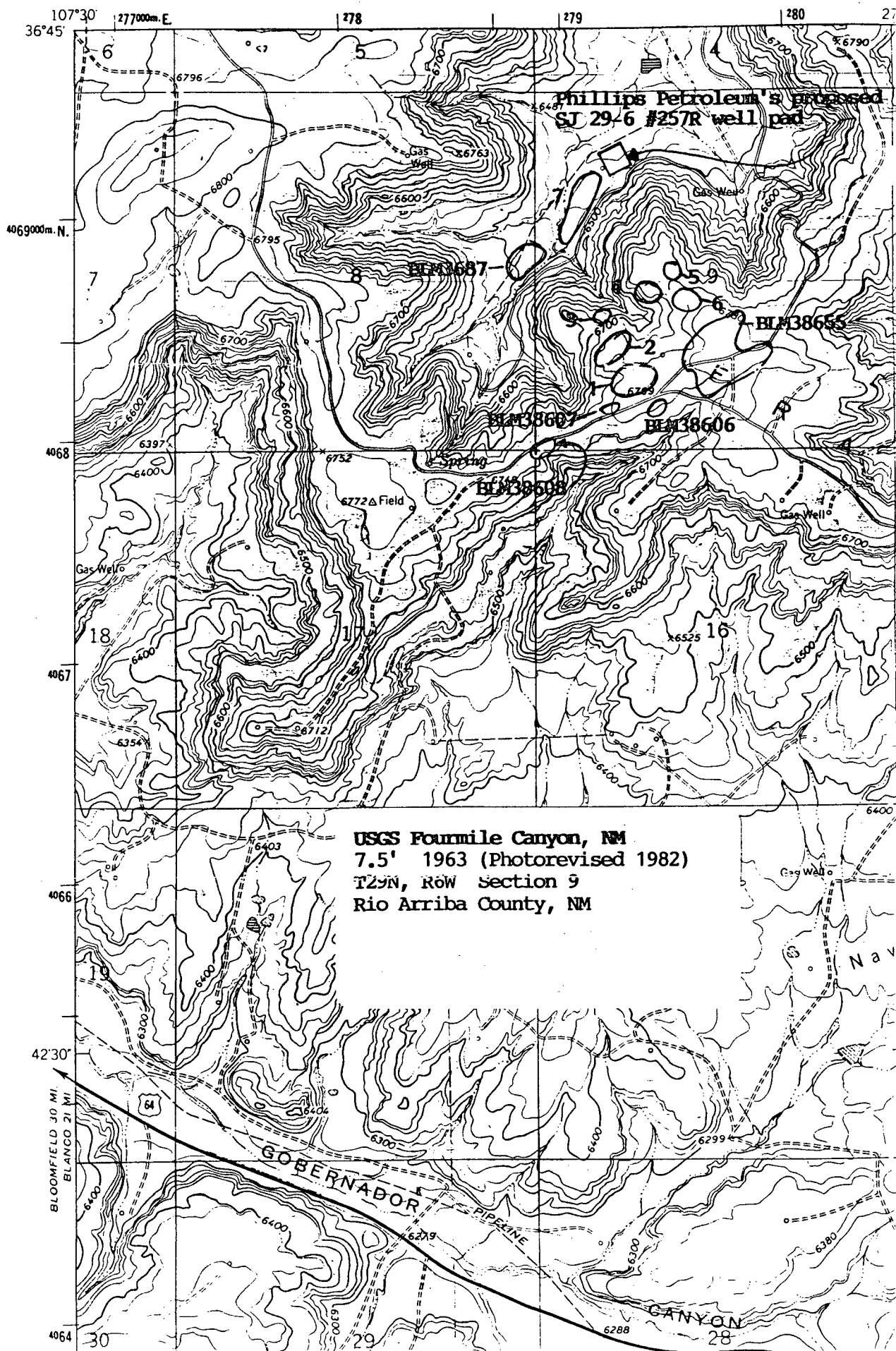
Sincerely,



Steve Fuller

Enclosure

4457 - SE
(PINE RIVER)



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTSubmit in the reverse side
(Other instructions on reverse side)Form approved
Budget Bureau No. 1004-0136
Expires: December 31, 1991

APPLICATION FOR PERMIT TO DRILL OR DEEPEN

1A. TYPE OF WORK

DRILL ☒DEEPEN ☐

B. TYPE OF WELL

OIL WELL ☐GAS WELL ☒

OTHER

SINGLE ZONE ☒MULTIPLE ZONE ☐

2. NAME OF OPERATOR

Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.

5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

Unit D, 1312' FNL & 937' FWL

At proposed prod. zone

Same as above

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

@ 21 miles east of Blanco

10. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST

PROPERTY OR LEASE LINE, FT.

(Also to nearest drlg. unit line, if any) 937'

16. NO. OF ACRES IN LEASE

1278.60

17. NO. OF ACRES ASSIGNED

TO THIS WELL

320 Acres w/2 of Section

18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

3400'

20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

6476' (unprepared GL)

22. APPROX. DATE WORK WILL START*

Upon Approval

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	GRADE SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	9-5/8"	36#, J-55	250'	150 sx (177 cu ft) Class B
8-3/4"	7"	23#, K-55	3175'	lead: 500 sx (1055 cu ft) Cl B
6-1/4"	5-1/2"	23#, P-110	3400'-3075'	tail: 150 sx (177 cu ft) Cl B
				**

** If the coal is cleated a 5-1/2", 23#, P-110 liner will be run in the open hole without being cemented.

** If the coal is not cleated the well be stimulated and completed open hole.

Justification for redrill - similar to information submitted with the 31-6 #234R's APD.

Mud Program and BOP Equipment - See Attached.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNATURE

Ed Hasely

TITLE

Environmental/Regulatory Eng.

DATE

May 20, 1994

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY

TITLE

DATE

*See Instructions On Reverse Side

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.

Submit to Appropriate
District Office
State Lease - 4 copies
Fee Lease - 3 copies

Form C-102
Revised 1-1-88

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, N.M. 88240

DISTRICT II

P.O. Drawer DD, Artesia, N.M. 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, N.M. 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator PHILLIPS PETROLEUM Co.		Lease SAN JUAN 29-6		Well No. 257R-ALTERNATE	
Unit Letter D	Section 9	Township 29 NORTH	Range 6 WEST	County RIO ARriba	
Actual Footage Location of Well: 1312 feet from the NORTH line and 937 feet from the WEST line					
Ground level Elev. 6467	Producing Formation Basin Fruitland Coal	Pool Basin Fruitland Coal	Dedicated Acreage: 320 Acres		
<p>1. Outline the acreage dedicated to the subject well by colored pencil or hatchure mark on the plat below.</p> <p>2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).</p> <p>3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No If answer is "yes" type of consolidation <u>Unitized</u></p> <p>If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)</p> <p>No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.</p>					
			<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature <i>Ed Haselv</i></p> <p>Printed Name Ed Haselv</p> <p>Position Environmental/Regulatory Eng. Company</p> <p>Phillips Petroleum Company</p> <p>Date May 25, 1994</p> <p>SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p>Date Surveyed MAY 25, 1994</p> <p>Signature of State Professional Surveyor <i>A. RUSH</i></p> <p>NEW MEXICO</p> <p>REGISTERED PROFESSIONAL LAND SURVEYOR</p> <p>8894</p> <p>Certificate No. 8894</p>		

S.J. 30-6 UNIT

S.J. 30-5 UNIT

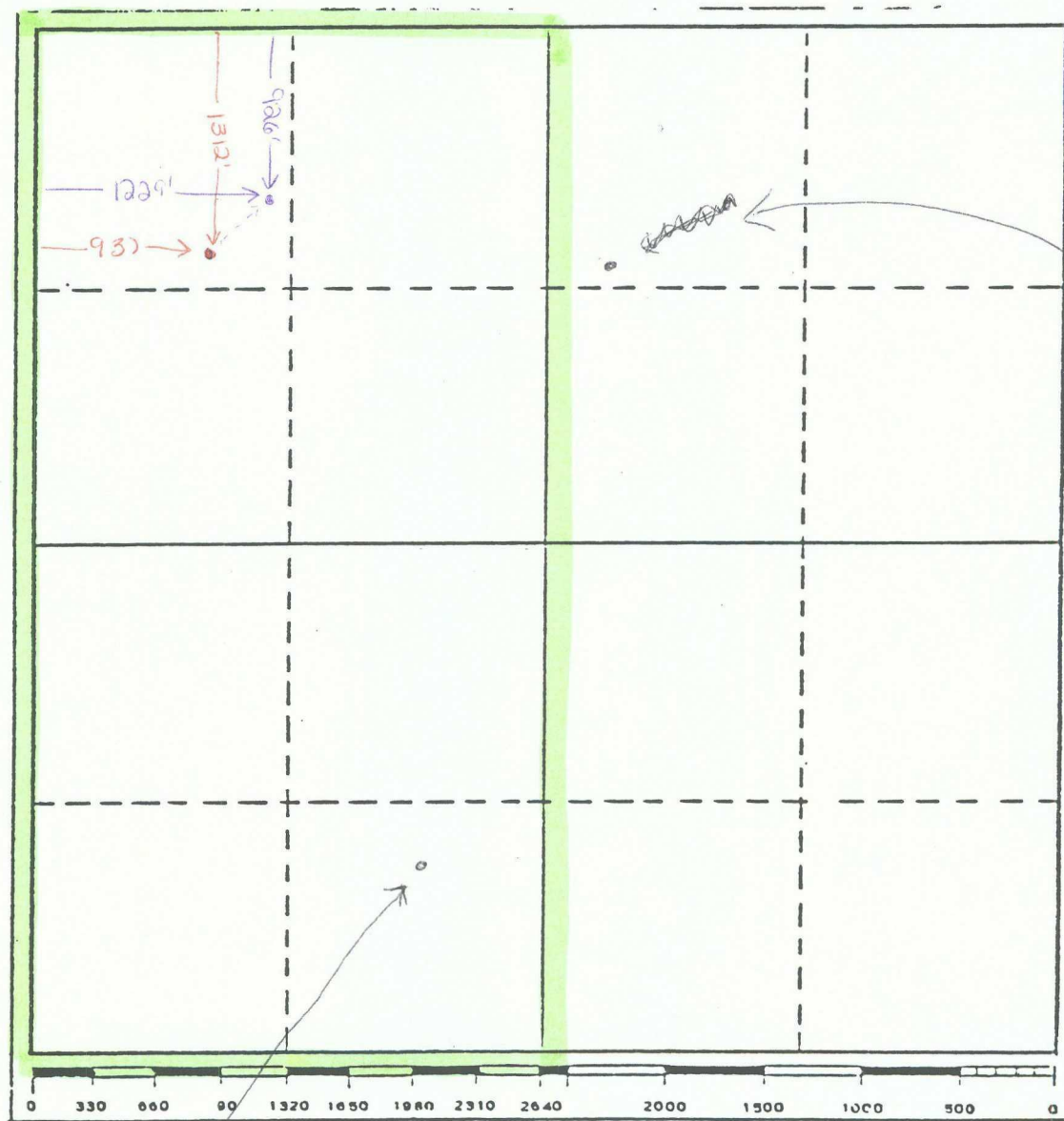
S.J. 29-7 UNIT

S.J. 29-6 UNIT

S.J. 29-5 UNIT

Unit Boundary outlined in green, location of drill block/spacing unit for #257 and its replacement, the #257R cross hachured in red.

Phillips Petroleum Company
 San Juan 29-6 Unit No. 257R
 1312' FNL - 937' FWL (Unit D) Previous location
 9-29m-6w 926' FNL - 1229' FWL (Unit D) new location



Phillips Production Co.
 San Juan 29-6 Unit No. 257
 981' FSL - 2020' FWL (Unit n)
 Spud 12-21-90 (NSL-3364)
 (Basin Fracture well)
 5/2 dedication

To be converted to pressure
 observation well.

Phillips Petroleum Co.
 San Juan 29-6 Unit No. 259
 1304' FSL - 2401' FWL
 850' FNL - 1782' FSL
 Spud date: 12-23-90 (NSL-2962)
 (Basin Fracture well)
 (E 1/2 dedication)

Mike Stogner

From: Ernie Busch
To: Mike Stogner
Subject: PHILLIPS PETROLEUM CO (NSL)
Date: Tue, Jul 12, 1994 9:13AM

WELL NAME: SAN JUAN 29-6 UNIT #257R
LOCATION: D-09-29N-06W
FOOTAGE: 1312' FNL; 937' FWL
RECOMMEND: APPROVAL

NSL - 3410