



**PHILLIPS PETROLEUM COMPANY**

FARMINGTON, NEW MEXICO 87401  
5525 HWY. 64 NBU 3004

OIL CONSERVATION DIVISION  
RECEIVED

'94 JUN 13 AM 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 Coalseam 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**

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

Dear Mr. Hasely:

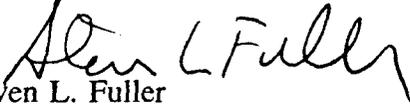
The archaeological survey of Phillips Petroleum's proposed San Juan 29-6 Unit No. 257R was conducted by personnel of La Plata Archaeological Consultants on March 17, March 28, and April 6, 1994. The field work was conducted by Maureen Cavanaugh, and the project was administered by Steven Fuller.

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.

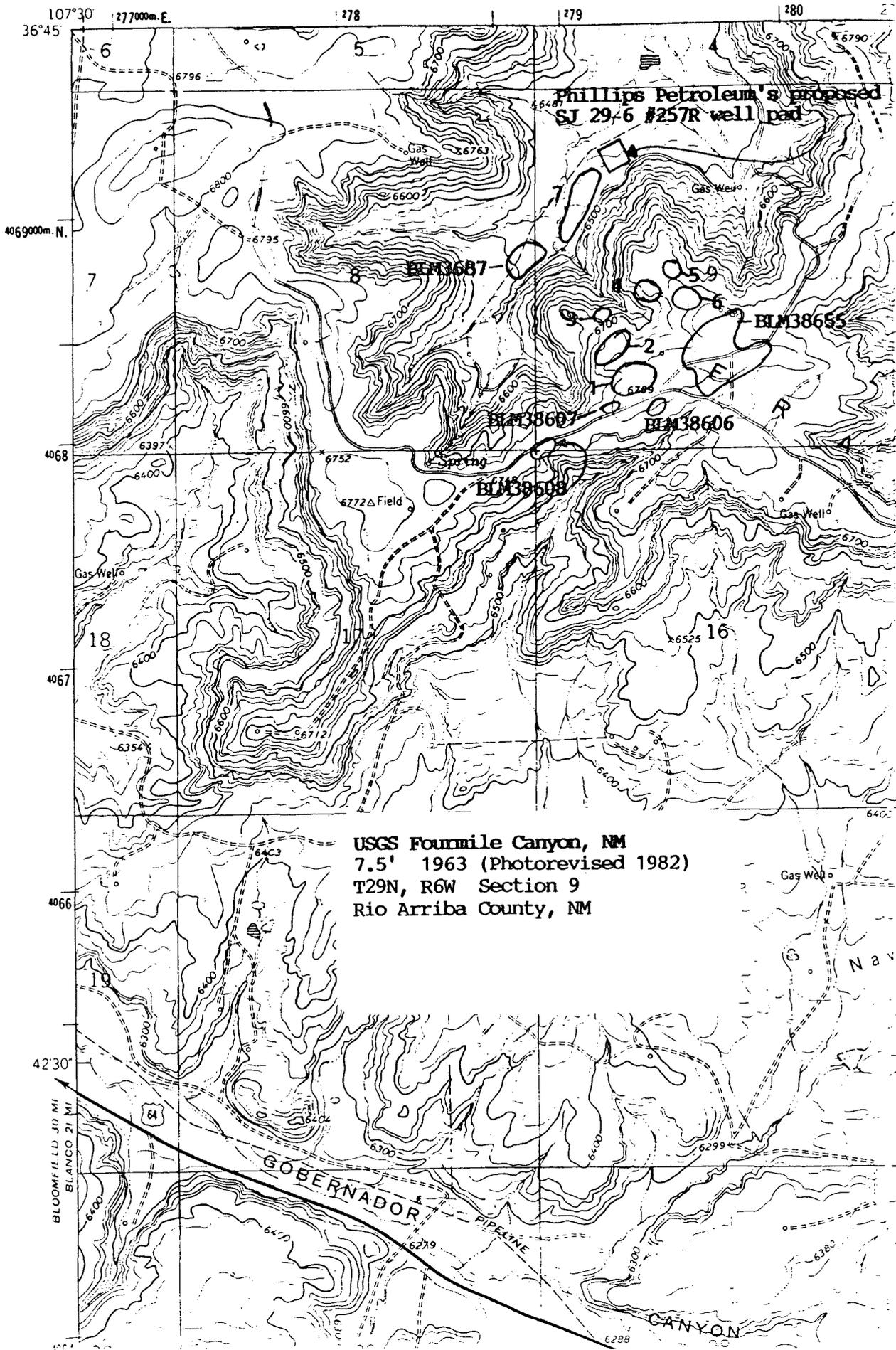
Sincerely,

  
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**

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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,

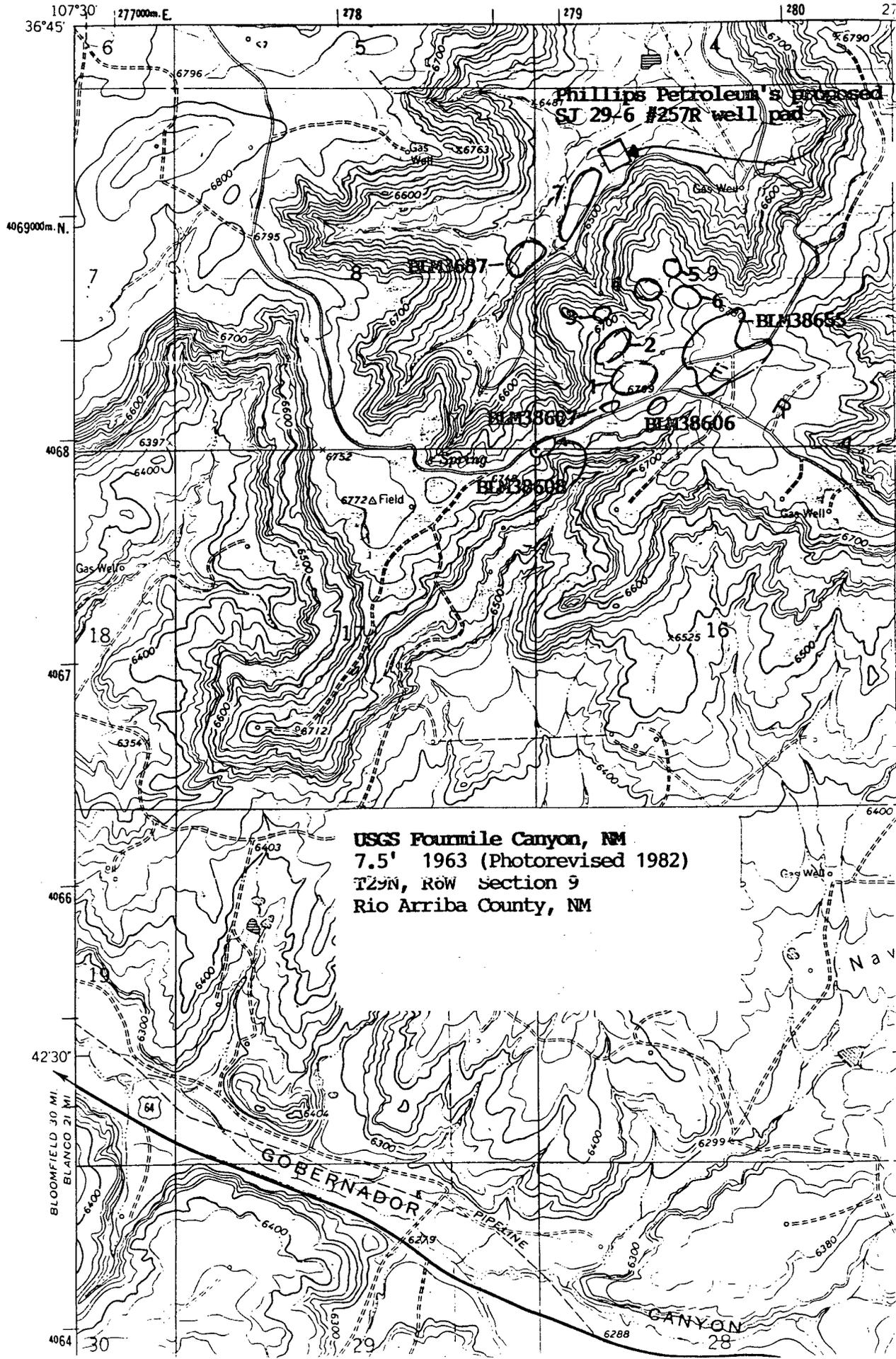


Steve Fuller

Enclosure

4157 1 SE  
(PINE RIVER)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY



**USGS Fourmile Canyon, NM**  
7.5' 1963 (Photorevised 1982)  
T29N, R0W Section 9  
Rio Arriba County, NM

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

Submit in the  
(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

5. LEASE DESIGNATION AND SERIAL NO.  
SF-080377

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME  
San Juan 29-6 Unit

8. FARM OR LEASE NAME, WELL NO.  
San Juan 29-6 Unit #257R

9. AP WELL NO.

2. NAME OF OPERATOR  
Phillips Petroleum Company

3. ADDRESS AND TELEPHONE NO.  
5525 Hwy. 64, NBU 3004, Farmington, NM 87401 (505) 599-3454

10. FIELD AND POOL, OR WILDCAT  
Basin Fruitland Coal

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

11. SEC., T., R., M., OR BLE. AND SURVEY OR AREA  
Section 9, T-29-N, R-6-W

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*  
@ 21 miles east of Blanco

12. COUNTY OR PARISH  
Rio Arriba

13. STATE  
NM

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

13. 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' (undrilled 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 tail: 150 sx (177 cu ft) Cl B
6-1/4"	5-1/2"	23#, P-110	3400'-3075'	**

\*\* If the coal is cleated a 5-1/2", 23#, P-110 liner will be run in the open hole withoug 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 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

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

# OIL CONSERVATION DIVISION

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

**DISTRICT I**  
P.O. Box 1980, Hobbs, N.M. 88240

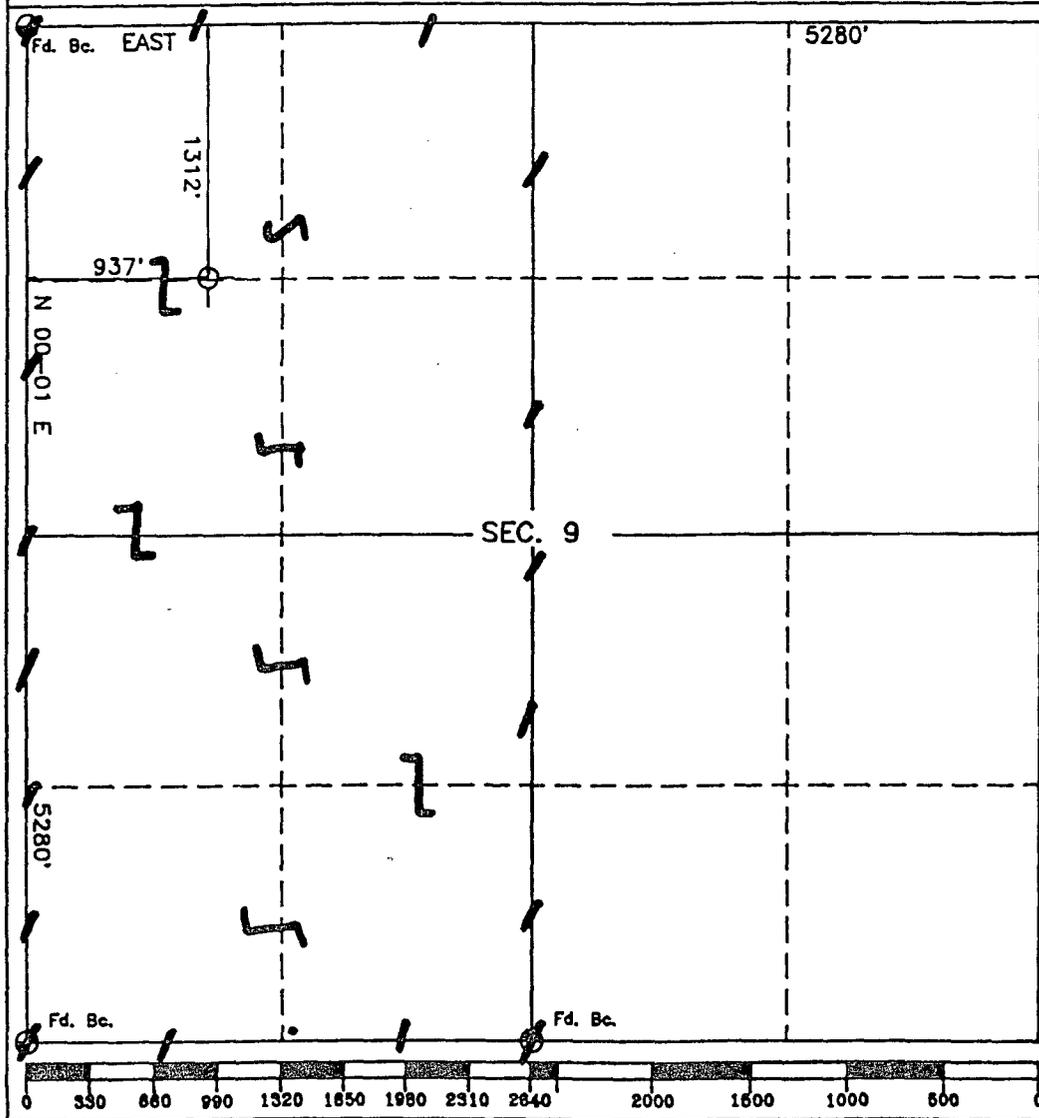
**DISTRICT II**  
P.O. Drawer DD, Artesia, N.M. 88210

**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 <b>PHILLIPS PETROLEUM Co.</b>			Lease <b>SAN JUAN 29-6</b>		Well No. <b>257R-ALTERNATE</b>
Unit Letter <b>D</b>	Section <b>9</b>	Township <b>29 NORTH</b>	Range <b>6 WEST</b>	County <b>RIO ARriba</b>	
Actual Footage Location of Well: <b>1312</b> feet from the <b>NORTH</b> line and <b>937</b> feet from the <b>WEST</b> line					
Ground level Elev. <b>6467</b>	Producing Formation <b>Basin Fruitland Coal</b>		Pool <b>Basin Fruitland Coal</b>		Dedicated Acreage: <b>320</b> 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.?  <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.)                  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>					



**OPERATOR CERTIFICATION**

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Signature: *Ed Haselv*  
 Printed Name: **Ed Haselv**  
 Position: **Environmental/Regulatory Eng. Company Phillips Petroleum Company**  
 Date: **May 25, 1994**

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**SURVEYOR CERTIFICATION**

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.

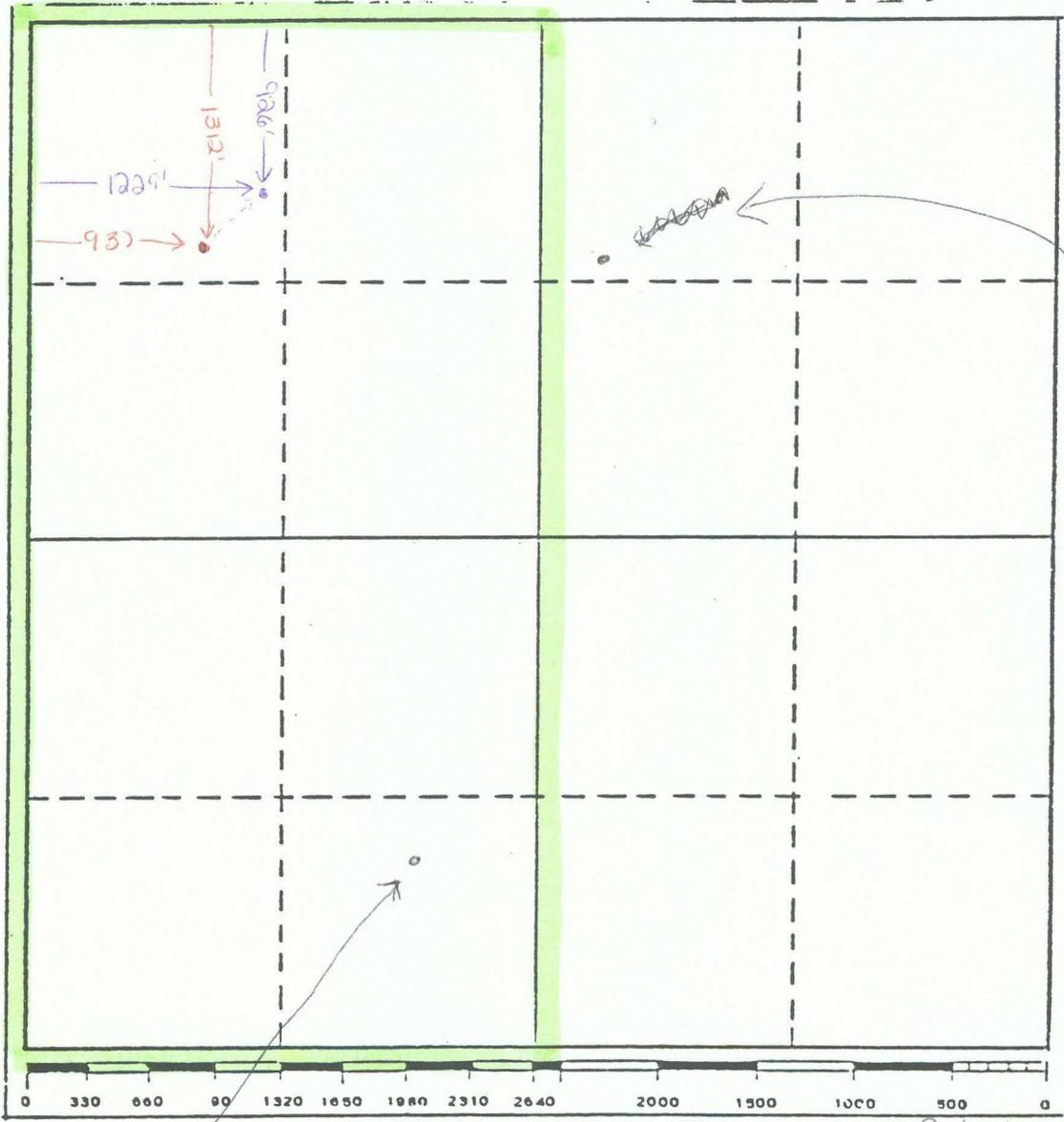
Date Surveyed: **MAY 20, 1994**

Signature & Seal of Professional Surveyor: *A. RUSH*  
**A. RUSH**  
**8894**  
 REGISTERED PROFESSIONAL LAND SURVEYOR

Certificate No. **8894**



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 Fruitland coal)  
 5/2 dedication  
 To be converted to pressure  
 observation well.

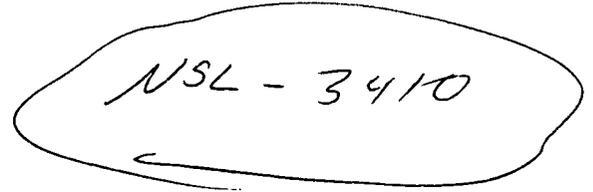
Phillips Petroleum Co.  
 San Juan 29-6 Unit No. 259  
<sup>1304'</sup>  
~~850'~~ FNL - <sup>2401</sup> ~~1782'~~ FSL  
 Spud date: 12-23-90 (NSL-2962)  
 (Basin Fruitland coal)  
 (E 1/2 dedication)

**Mike Stogner**

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**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