



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LAPLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401



IN REPLY REFER TO:
6500(019)

Mr. Larry Sanders
Phillips Petroleum Company
300 W. Arrington
Farmington, NM 87401

JUL 3 1990

Dear Mr. Sanders:

As related in a conversation with Paul Colbert on June 27, the following requirements and possible solution will allow the drilling of the well, 29-5-224.

Within the last several weeks the procedures for Spotted Owl occurrence and suitable habitat inventory have been adopted. This protocol allows for surveys to be conducted up to July 1 of the calendar year. This would allow management decisions based on occurrence or non-occurrence. If a survey in potential habitat is not conducted by the above date and no previous survey has been made, the proposed drilling would have to be put off until the next spring breeding/summer resident season.

In the area of the desired location of well 224, namely 29-5-23, 1071 FSL, 1736 FWL a survey would be required. Due to the late date and some doubt if the survey could be made by a certified contractor within the timeframe, it is recommended that another location be found.

In the SW/4, SW/4 of Section 23 there is a well location for well #39. The vegetative community in this location as well as the aspect of the topography does not meet spotted owl habitat requirements and would not require a spotted owl survey. With this information it is recommended that the well, 29-5-224 be relocated to this location. A possible site would be at about 950-1000 FSL and 700-800 FWL.

If my office can be of any assistance in this matter, please call Paul Colbert at 327-5344. Thank you for your cooperation.

Sincerely,

Ron Fellows
Area Manager



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LAPLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401



IN REPLY REFER TO:
SJ 29-5 #224
3162.5-1(A)

SEP 24 1990

Mr. Richard Allred
Phillips Petroleum
300 W. Arrington
Farmington, NM 87401

Dear Mr. Allred:

This letter is written to follow up our efforts to find a suitable orthodox location for Phillips Petroleum Basin Fruitland Coal Gas Well San Juan 29-5 #224 located in T. 29 N., R. 5 W., Section 23: SW/4, lease #NM80162. An acceptable orthodox location was not found at this location because of numerous archeological sites, possible endangered Mexican Spotted Owl habitat, topographical constraints and possible paleontology resources. It is the Bureau of Land Management's recommendation that this well be approved in an unorthodox location twinned to the existing San Juan 29-5 #39 well which is located 990 FSL & 700 FWL, to reduce or eliminate impacts to the variety of concerns existing in this area.

If you have any questions concerning this matter contact Bill Leiss at 325-5344.

Sincerely,

Ron Fellows
Area Manager

RECEIVED

SEP 25 1990

PHILLIPS PETROLEUM CO.
FARMINGTON AREA



PHILLIPS PETROLEUM COMPANY

FARMINGTON, NEW MEXICO 87401
800 W. ARRINGTON, SUITE 200, PHONE: 805 599-3400

**Certified Mail
Return Receipt Requested**

EXPLORATION AND PRODUCTION

September 25, 1990

Northwest Pipeline Corporation
3539 E. 30th Street
Farmington, NM 87401

Attn: Paul C. Thompson
Manager, Production and Drilling

Re: Waiver of Objection to
Unorthodox Location
Offset Operator Notice
San Juan 29-5 Unit Well #224
1293' FSL, 736' FWL
Section 23-29N-5W
Rio Arriba County, NM

Gentlemen:

Phillips Petroleum Company is requesting NMOCD administrative approval of an unorthodox well location for the referenced well due to topographical and archaeological reasons.

As Northwest is the offset operator, Phillips respectfully requests your waiver of objection to the subject unorthodox well location by signing in the space provided below and returning one copy of this letter to the undersigned as soon as possible.

Please contact the undersigned should you have any questions or comments.

Very truly yours,

Phillips Petroleum Company

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

We hereby waive objection to the unorthodox location for the San Juan 29-5 Unit Well #224.

Northwest Pipeline Corporation

By: Northwest Pipeline

Name: Paul C. Thompson

Title: Manager, Prod & Drilg.

#3 - w0295224.jay

NORTHWEST PIPELINE CORPORATION

SEP 28 1990

PRODUCTION AND DRILLING

TOTAL P.01

NORTHWEST PIPELINE CORPORATION		# of pages	1
Date	9-28-90	From	Paul Thompson

**ARCHAEOLOGICAL SURVEY OF
PHILLIPS PETROLEUM'S ABANDONED AND RELOCATED
SAN JUAN 29-5 UNIT #224
WELL PAD AND ACCESS ROAD
RIO ARRIBA COUNTY, NEW MEXICO**

LAC REPORT 9042e

by

Fred Harden and Barbara Cullington

LA PLATA ARCHAEOLOGICAL CONSULTANTS
P.O. Box 783
Dolores, Colorado 81323
(303) 882-4933

New Mexico Cultural Resource Use Permit 19-2920-90-I

September 4, 1990

Prepared For:

Phillips Petroleum
300 West Arrington, Suite 200
Farmington, New Mexico 87401

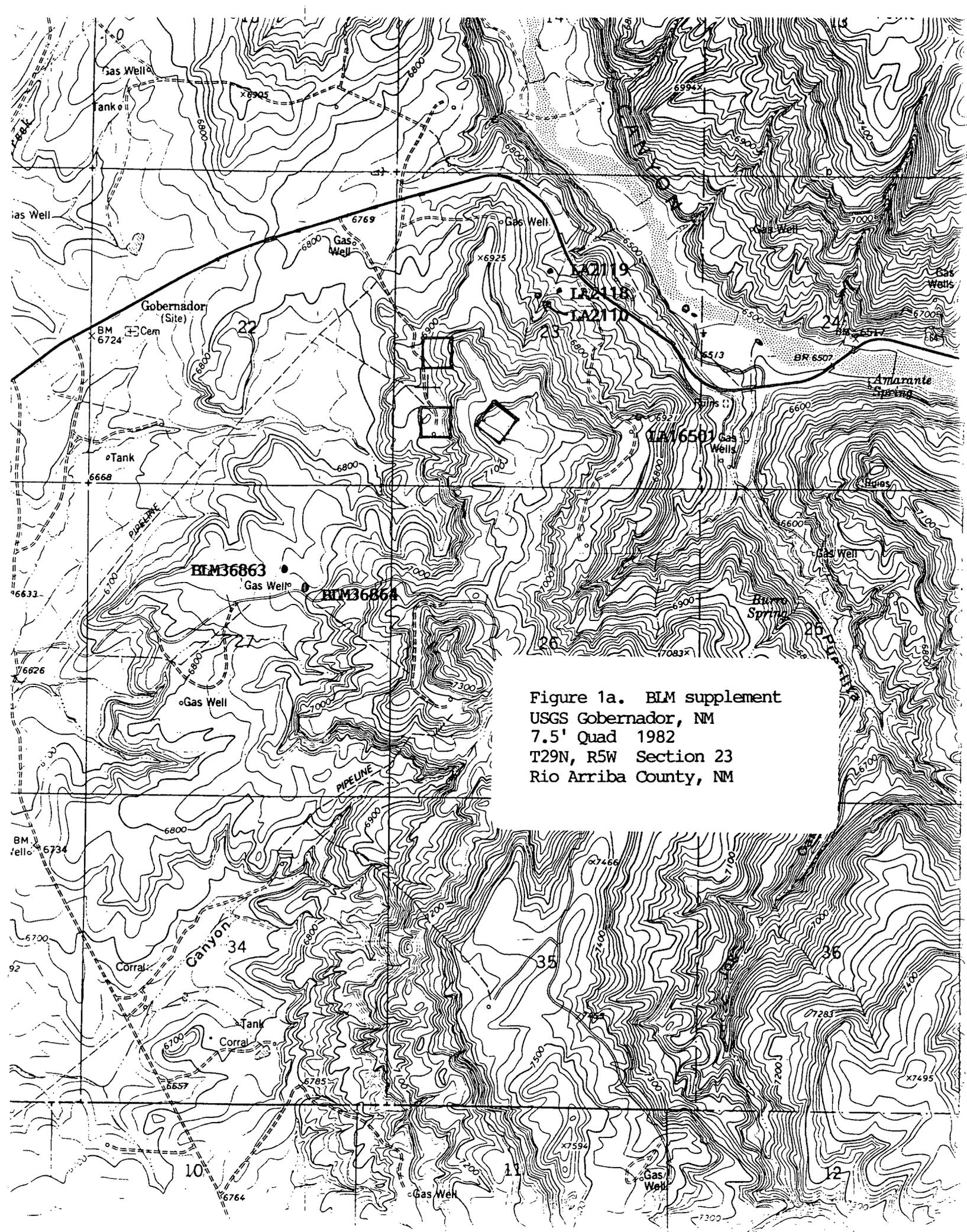


Figure 1a. BLM supplement
USGS Gobernador, NM
7.5' Quad 1982
T29N, R5W Section 23
Rio Arriba County, NM

FIELD METHODS

Prior to the survey, each of the abandoned and final well pads were marked at the center, the four corners, and the four centerline endpoints. 7.3-acre blocks (600 by 530 ft) was surveyed centered on the well center stake, which was sufficient to cover the 300-by 230-ft well pad, 50-ft construction zone, and at least a 100-ft buffer for cultural resources. The 7.3-acre blocks were surveyed by pedestrian transects that were no further than 15 m or 50 ft apart. Access to the original abandoned location would have required construction of an access road measuring about 3500 feet in length. The two subsequent blocks survey areas overlap an existing road and required no access surveys.

The eight sites identified were recorded on Laboratory of Anthropology site forms, photographed, and mapped.

ENVIRONMENT

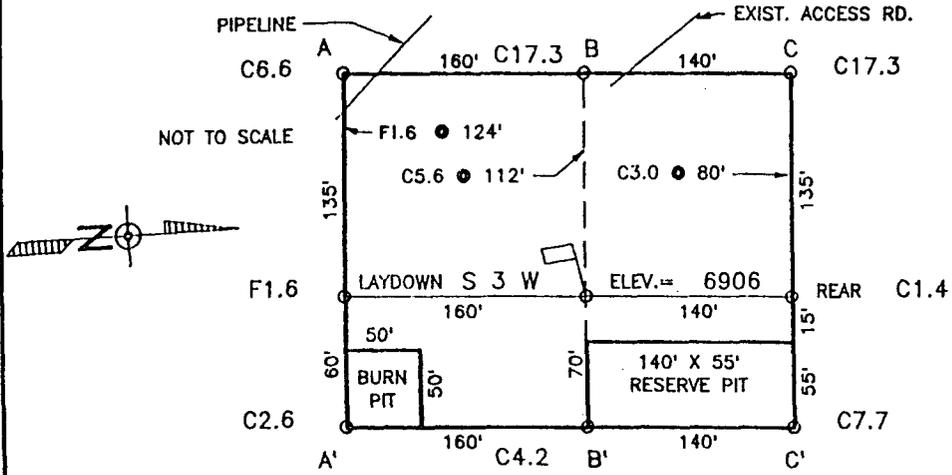
The final two survey areas are on a west-facing slope at the base of a mesa that separates the head of gobernador Canyon from La Jara Canyon. The original well location is on the top of this mesa. Soils are primarily colluvial sands and aeolian sandy loam mesatop deposits of variable depth. Vegetation on the top of the mesa consist of pinyon, juniper, sagebrush, fendlerbush, serviceberry, mountain mahogany, cactus, oak, and grasses.

PROJECT LOCATION AND DESCRIPTION

Project Name:	Phillips Petroleum's San Juan 29-5 Unit #224 well pad.
Legal Description:	T29N, R5W, Section 23, NE 1/4 SW 1/4 SW 1/4. The actual footage of the location is 1293 FSL, 736 FWL; Rio Arriba County, New Mexico, (see Fig. 2, well plat).
Elevation:	6906 ft
Map Reference:	USGS Gobernador, New Mexico 7.5' (1963)
Land Jurisdiction:	BLM, Farmington Resource Area

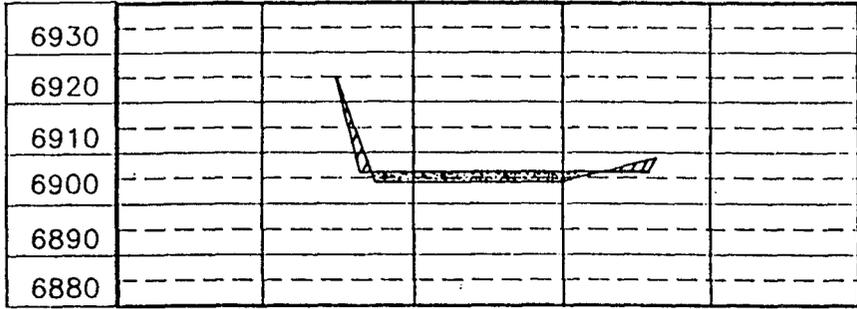
Figure 2. Well pad plot

COMPANY: PHILLIPS PETROLEUM
 LEASE: SAN JUAN 29-5 UNIT NO.224
 FOOTAGE: 1293 FSL, 736 FWL
 SEC.: 23, TWN: T.29 N., RNG: R.5 W., NMPM
 ELEVATION: 6906



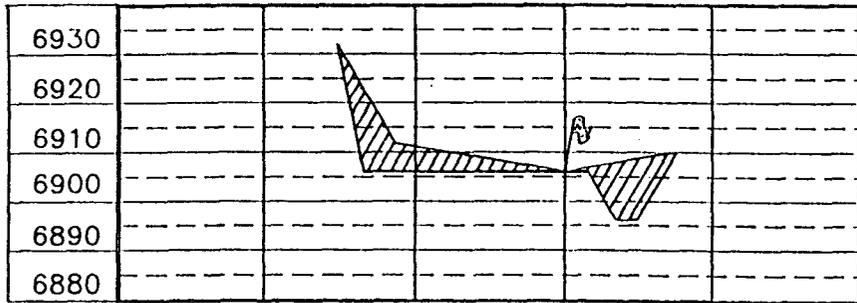
A-A'

C/L



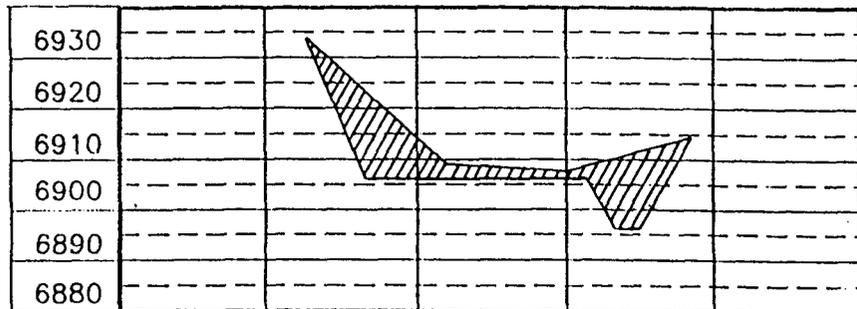
B-B'

C/L



C-C'

C/L



- Project Area:** The well pad will measure about 300 by 195 ft. Access will be from an existing adjacent access road.
- Surveyed Area:** 600- by 530-ft block (7.3 acres) for final well pad, construction zone and buffer zone. For the two abandoned locations, two 7.3 acre blocks were surveyed and one 3500 by 150 foot access road corridor. Total area examined includes about 32 acres.
- Results:** One archaeological site was encountered within the final block surveyed area. An additional seven sites were encountered and recorded on the two abandoned locations. The sites are described in Appendix A, included only with BLM copies of this report.

RECOMMENDATIONS

One archaeological site (LA79252) was encountered and recorded within the area surveyed for the final proposed San Juan 29-5 Unit #224 well pad. The site is located 90 ft north of the proposed well pad. Based on in-field consultation with Peggy Gaudy, BLM Archaeologist, it is recommended that no construction zone be allowed on the north side of the well pad, that existing boulders on the proposed pad be pushed to form an effective barrier fence along the north side, and that the well pad construction be monitored by a qualified archaeologist.

The seven sites recorded within the two abandoned well pad locations will be unaffected by the proposed action.

The four previously recorded sites within 0.5 miles of the project area will not be affected by construction.

Given the stipulations associated with LA79252, archaeological clearance is recommended for the project.

M SECTION 33 TOWNSHIP 29N RANGE 5W

<p>Northwest Pipeline Army lease 29-5N-93 790' FNL - 1705' FNL Spud - 912178 T.D. - 8960' Gobeneau - P. dived clif Producing</p>			
<p>Northwest Pipeline Corp. Army lease 29-5 Unit No. 39 992152 - 700' FNL Spud - 5/11/58 T.D. - 6900' Blanco Measurement Producing</p>	<p>Phillips Petroleum Co. Army lease 29-5 Unit No. 324 893 FNL - 730' FNL Boring - fractional cons SUBJECT WELL</p>		



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
OIL CONSERVATION DIVISION
RECEIVED

10000 RIO HAZARDO ROAD
AZTEC, NEW MEXICO 87410
15051334-0170

GARREY CARRUTHERS
GOVERNOR

'90 OCT 12 AM 9 30

Date: 10-8-90

ATTN: M. Stogner

Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

- Re: Proposed HC _____
- Proposed DHC _____
- Proposed NSL X _____
- Proposed SWD _____
- Proposed WFX _____
- Proposed PMX _____

Gentlemen:

I have examined the application dated 10-3-90

for the Phillips Pet. Co. S.T. 29-5 Unit # 224
Operator Lease & Well No.

M-23-29N-56S and my recommendations are as follows:
Unit, S-T-R

[Handwritten signature]

Yours truly,

[Handwritten signature]