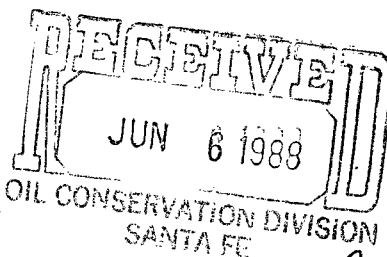


Release Date:
June 27, 1988

By DAC

MERIDIAN OIL

El Paso Natural Gas
Company



June 2, 1988

Amended NSL-2523
RUE-104F(I)

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Undesignated Fruitland Pool. Application was previously made and approved for this well at 1770' from the North line and 1910' from the East line of Section 29, T-32-N, R-6-W, SAN Juan County, New Mexico.

It is intended to locate the El Paso Natural Gas Company Allison Unit #102 at 860' from the North line and 1950' from the East line of Section 29, T-~~30~~³²-N, R-~~5~~⁶-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs makes it impossible to build an orthodox location in the northeast quarter of this section.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Plats showing the proposed well location and the terrain in Section 29, along with an ownership plat, are attached.

Sincerely yours,

Peggy Doak

encl.

WAIVER

_____ hereby waives objection to El Paso Natural Gas Company's application for an unorthodox location for their Allison Unit #102 as proposed above.

By: _____

Date: _____

cc: Tenneco Oil

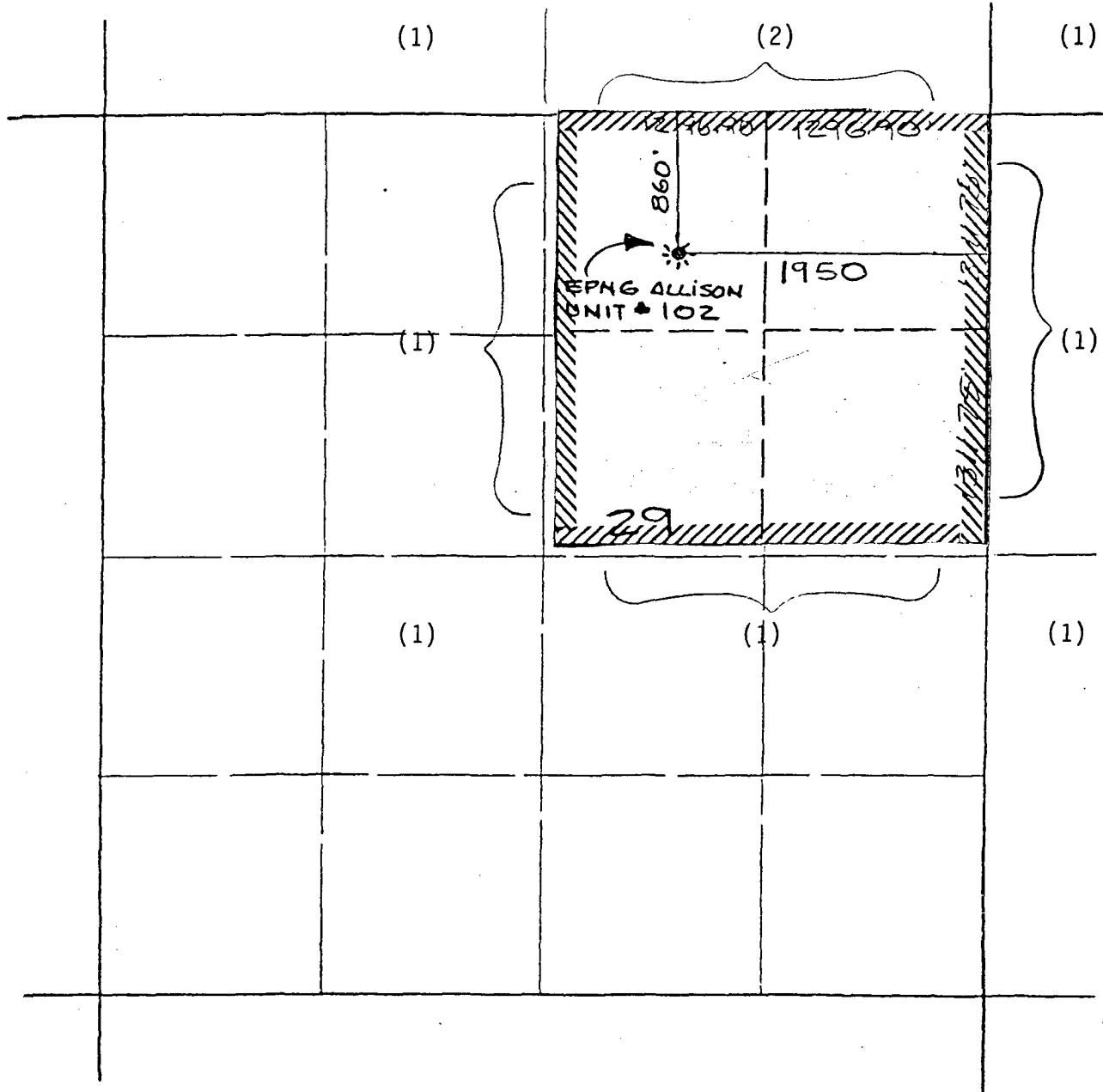
EL PASO NATURAL GAS COMPANY

Well Name Allison Unit #102, Undesignated Fruitland

Footage----- 860' FNL; 1950' FEL

APPLICATION FOR NON-STANDARD LOCATION

County San Juan State New Mexico Section 29 Township 30N Range 6W



REMARKS: OFFSET OPERATORS

(1) El Paso Natural Gas Company

(2) Tenneco Oil Company

A detailed topographic map showing the Allison Unit. The map features contour lines indicating elevation, with labels such as 6120, 6140, 6170, 6200, 6300, 6400, 6500, 6600, 6700, 6800, 6900, 7000, 7100, 7200, 7300, 7400, 7500, 7600, 7700, 7800, 7900, 8000, 8100, 8200, 8300, 8400, 8500, 8600, 8700, 8800, 8900, 9000, 9100, 9200, 9300, 9400, 9500, 9600, 9700, 9800, 9900, and 10000. A large reservoir is visible on the right side, labeled "RESERVOIR". A road or path is shown running vertically through the center, labeled "Allison Run". The map is divided into sections by dashed lines, with section numbers 8, 1, 21, 22, 27, 31, 33, and 34 visible. A central white box contains the following text:

#102 EPNG ALLISON UNIT

Sec. 29, T32N, R6W

San Juan Co., N.M.

Form C-103
Supervisor C-120
Effective 1-1-83

Operator El Paso Natural Gas Company	Lease ALLISON UNIT (SF-081155)	Well No. 102
---	-----------------------------------	-----------------

Unit Letter B	Section 29	Township 32 NORTH	Range 6 WEST	County SAN JUAN
-------------------------	----------------------	-----------------------------	------------------------	---------------------------

Actual Postage Location of Wells							
860	Feet from the	NORTH	Line and	1950	Feet from the	EAST	Line

Ground Level Elev. 6504	Producing Formation Fruitland Coal	Pool Undesignated	Dedicated Acres 160
----------------------------	---------------------------------------	----------------------	------------------------

- ☒ Yes ☐ No If answer is "yes," type of consolidation unitization

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 interests, has been approved by the Commission. N 88° 47' W N 89° 57' W Reissued to show moved location

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

Name	Drilling Clerk
Position	El Paso Natural Gas Co.

Date _____

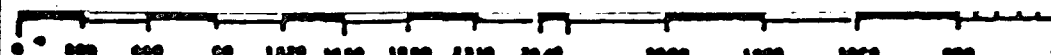
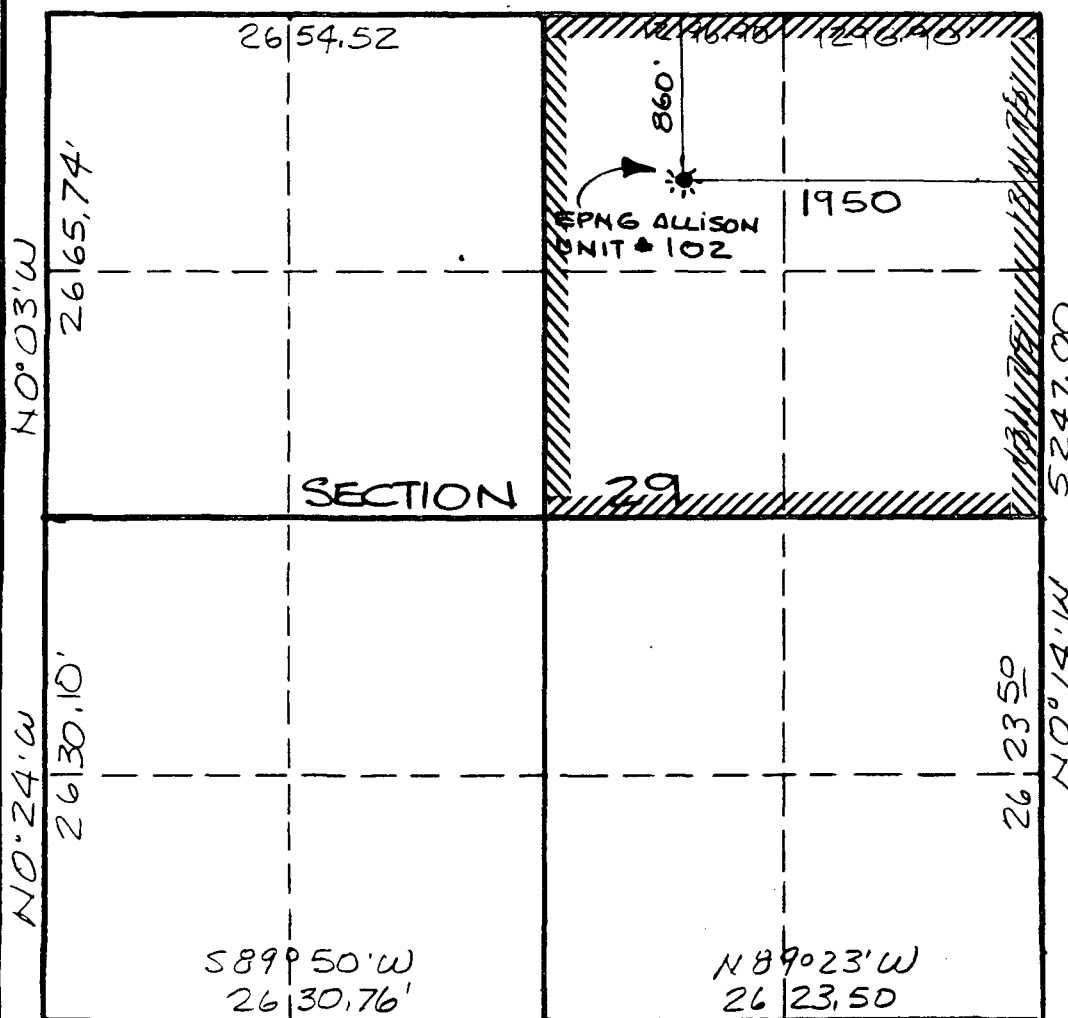
I hereby certify that the field location shown on this report was obtained from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
APRIL 29, 1988

**Registered Professional Engineer
and/or Land Surveyor**

NEALE C. EDWARDS

Certificate No.
6857





DIVISION OF CONSERVATION ARCHAEOLOGY

San Juan County
Museum Association

860 N 1950 E

May 5, 1988

RECEIVED
MAY 09 1988
OIL CON. DIV.
DIST. 3

Mr. Charles Werner
Meridian Oil
P.O. Box 4289
Farmington, New Mexico 87499

Dear Mr. Werner:

Our report on the archaeological survey of the relocation of Allison No. 102 south of Allison Colorado in San Juan County, New Mexico is enclosed. Three isolated loci were found. Two previously recorded sites abut the location.

We have recommended archaeological clearance with the stipulation that a fenceline be placed on both the eastern and western edge of the well pad boundary and that initial stages of fence construction be monitored by an archaeologist. This will ensure that SJC-1454 directly to the west and SJC-1454 directly to the east are not disturbed. The fence should remain in place during the drilling operation of the well pad.

The BLM will review this report and make the final decision on archaeological clearance for your project.

Also enclosed is an invoice for our services. We have enjoyed working with you and hope we can be of service again. If you have any questions, please call us. We will be happy to help you.

Sincerely,

Patricia M. Hancock

Patricia M. Hancock/ma
Supervisory Archaeologist

cc: Resource Area Manager, BLM, Farmington (3)
Mr. Leonard Lord, EPNG, Farmington

Tenneco Oil Company

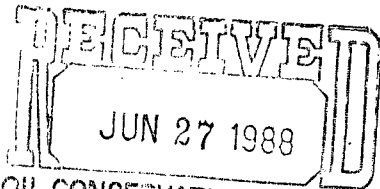
A Tenneco Company



Rocky Mountain Division

P.O. Box 3249
Englewood, Colorado 80155
(303) 740-4800

Delivery Address:
6162 South Willow Drive
Englewood, Colorado 80111



June 9, 1988

OIL CONSERVATION DIVISION
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico

Attention: William LeMay

Re: Unorthodox Location
Allison Unit Well No. 102
Sec. 29, T30N, R5W
San Juan County, New Mexico

Gentlemen:

Attached is an approved copy of Meridian's letter of June 2, 1988 indicating Tenneco has no objection to Meridian's request for an unorthodox location for the above captioned well.

Yours very truly,

TENNECO OIL COMPANY

A handwritten signature in cursive script, reading "Carley Watkins".

Carley Watkins
Manager, Joint Interest

cc: L. Jones
J. Pack
Meridian Oil Inc.
Farmington, New Mexico

MERIDIAN OIL

June 2, 1988

Mr. William LeMay
New Mexico Oil Conservation Division
Post Office Box 2088
Santa Fe, New Mexico 87501

Dear Mr. LeMay:

This is a request for administrative approval for an unorthodox gas well location in the Undesignated Fruitland Pool. Application was previously made and approved for this well at 1770' from the North line and 1910' from the East line of Section 29, T-32-N, R-6-W, SAn Juan County, New Mexico.

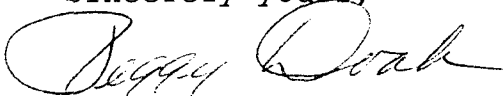
It is intended to locate the El Paso Natural Gas Company Allison Unit #102 at 860' from the North line and 1950' from the East line of Section 29, T-30-N, R-5-W, San Juan County, New Mexico.

Extremely rough terrain in the form of steep cliffs makes it impossible to build an orthodox location in the northeast quarter of this section.

A copy of this application is being submitted to all offset operators by certified mail with a request that they furnish your Santa Fe office with a Waiver of Objection, and return one copy to this office.

Plats showing the proposed well location and the terrain in Section 29, along with an ownership plat, are attached.

Sincerely yours,



Peggy Doak

encl.

WAIVER

Tenneco Oil hereby waives objection to El Paso Natural Gas Company's application for an unorthodox location for their Allison Unit #102 as proposed above.

By: 

Date: 6/14/88

cc: Tenneco Oil

Project No. 39-88-C

Cultural Resource Use Permit
7-2920-87-D (NM BLM)

An Archaeological Survey of
The Relocation of Allison No. 102
Located South of Allison, Colorado,
San Juan County, New Mexico

for

Meridian Oil

by

Patricia M. Hancock
Supervisory Archaeologist

Submitted by

Margaret A. Powers
Principal Investigator

DIVISION OF CONSERVATION ARCHAEOLOGY

Technical Report No. 1311
San Juan County Archaeological Research Center and Library

May 5, 1988

ABSTRACT

On April 29, 1988, the Division of Conservation Archaeology of the San Juan County Museum Association completed an archaeological survey of the relocation of Allison No. 102 for Meridian Oil. The survey area is located south of Allison, Colorado in San Juan County, New Mexico and is under the jurisdiction of the Bureau of Land Management. Approximately 5.7 acres were intensively inventoried.

Three isolated loci were found. The documentation of the isolates in the field has exhausted their research potential. Two previously recorded sites abut the location. Archaeological clearance is recommended with the stipulation that fenceline should be placed on both the eastern and western edge of the well pad boundary and the initial stages of fence construction should be monitored by an archaeologist. This will ensure that SJC-1454 directly to the west and SJC-1455 directly to the east are not disturbed. The fence should remain in place during the drilling operation of the well pad.

INTRODUCTION

On April 29, 1988, the Division of Conservation Archaeology (DCA) of the San Juan County Museum Association conducted an archaeological survey for Meridian Oil Company of Farmington, New Mexico. Charles Werner of Meridian Oil requested the survey on April 25, 1988 and administered the project. Margaret A. Powers administered the project for DCA.

In recognition of the limited, nonrenewable nature of archaeological remains, the federal government has enacted legislation that is designed to conserve and protect these resources. The principal legislation includes the Antiquities Act of 1906 (PL 52-209), the Historic Preservation Act of 1966 (PL 89-665) and, as amended (PL 96-515), the National Environmental Policy Act of 1969 (PL 91-852), the 1971 Executive Order No. 11593, the Archaeological and Historical Conservation Act of 1974 (PL 93-291), and the Archaeological Resources Protection Act of 1979 (PL 96-95). In addition, the Navajo Nation and the states of Arizona, New Mexico, Utah, and Colorado have enacted laws to ensure compliance with federal legislation and to protect archaeological resources within their jurisdiction. Work undertaken in the course of this project is intended to comply with these statutes and is governed by the stipulations of Cultural Resource Use Permit No. 7-2920-87-D (NM BLM).

Patricia M. Hancock, DCA archaeologist, surveyed the project area for cultural remains. The following persons were present during the field inspection on April 29, 1988: Ross Lankford (Meridian Oil) and Neil Edwards (San Juan Engineering).

METHODS

The area was surveyed by walking straight line transects spaced 12 to 15m apart across the well pad. A buffer zone 100 ft wide was added to each side of the well pad. The archaeologist recorded all cultural remains. Those whose information potential exceeded what could be extracted during the survey phase were assigned site status. Other cultural remains were documented as isolated loci (IL). Pertinent environmental data were also recorded.

In addition to field inspection, the archaeologist conducted a search of the records at the BLM Farmington Resource Area office and DCA on April 28, 1988 to determine if any sites had been recorded in the project area. Site and project records required by the BLM and the NMHPD were completed.

The records search revealed the presence of nine sites within a one mile radius of the project area. The sites are described in Table 1 and are shown on the map provided only to the BLM (Supplement 1).

Table 1. Sites in a One Mile Radius of the Project Area

<u>Site No.</u>	<u>Description</u>
LA 4530	Anasazi isolated room
LA 10519	No information available
DCA-84-256	Rosa or Piedra Phase pithouse
DCA-85-47	Rosa Phase habitation
SJC-1454	See cultural resources
SJC-1455	See cultural resources
SJC-1456	Anasazi pithouse village
SJC-1459	Rosa Phase village
SJC-1460	Anasazi habitation

PROJECT DESCRIPTION

Allison #102 (Figure 1)

Legal Description: T32N, R6W, Section 29, S 1/2 NW 1/4 NE 1/4
860' E/NL, 1950' F/EL
N.M.P.M., San Juan County, New Mexico

Map Source: U.S.G.S. 7.5' Bancos Wash NW, New Mexico (1954,
photorevised 1982)

Land Jurisdiction: Bureau of Land Management

Project Area: 300' x 300' (well pad)

Surveyed Area: 500' x 500' (well pad with buffer)
5.7 Acres

Description: The proposed well pad is located on the base of a mesa which is at the northern extreme of Cottonwood Canyon. The northern half of the pad is in the rugged boulder-strewn talus slope of the mesa. The southern half flattens out near the road. The slope to the southwest and the soil is gray clay. Access will be from an existing road which is directly along the southern pad boundary. An overhead electric line for cathodic protection runs along the northern edge of this road.

The woodland vegetation cover is 80-90% and includes pinyon pine (Pinus edulis), juniper (Juniperus sp.), sagebrush (Artemisia tridentata), snakeweed (Gutierrezia sarothrae), cheatgrass (Bromus tectorum), and crested wheatgrass (Agropyron cristatum).

Cultural Resources: Three isolated loci were found (Table 2). IL #1 is a basalt tertiary flake found in the western buffer zone. IL #2 is a black chert tertiary flake found near the center stake. IL #3 is a broken river cobble two-hand mano with edge pecking. It is located in the central pad area among the boulders of the talus slope.

Table 2. Isolated Loci

IL#	Legal Description						UTM Coordinates (Zone 13)	Veg. Zone	Land form	Description
	T	R	Sec.	1/4	1/4	1/4				
1	32N	6W	29	SW	NW	NE	4092720N, 279200E	1	2	Basalt tertiary flake
2	32N	6W	29	SE	NW	NE	4092680N, 279260E	1	2	Black chert tertiary flake
3	32N	6W	29	SE	NW	NE	4092720N, 279270E	1	3	Broken cobble two hand mano with edge pecking

All ILs on U.S.G.S. 7.5' Bancos NW, New Mexico (1954, photorevised 1982).

1 = woodland

2 = base of talus slope

3 = talus slope

No new archaeological sites were found. Two previous recorded sites abut the location. SJC-1454 is about 100 ft to the west of the location. It consists of a charcoal stain along the northern edge of the existing road, two possible rock features, and a sparse lithic artifact and groundstone artifact scatter. SJC-1455 is approximately 75-100 ft east of the location. It consists of a wide spread Anasazi artifact scatter, a possible surface structure, and rubble.

Both sites had been impacted by the access road to Allison No. 53 at the time they were recorded (Hooten 1987). Subsequent to Hooten's survey, the boundaries of SJC-1454 were extended. This extension was done by Wheelbarger during the original survey of Allison No. 102 (Wheelbarger, report in preparation). The first proposed location was to the east of Allison No. 102 and the second proposed location to the south., Both locations were rejected because of the presence of SJC-1454.

Recommendations: We have recommended archaeological clearance with the stipulation that a fenceline be placed on both the eastern and western edge of the well pad boundary and that initial stages of fence construction be monitored by an archaeologist. This will ensure that SJC-1454 directly to the west and SJC-1454 directly to the east are not disturbed. The fence should remain in place during the drilling operation of the well pad.

REFERENCE CITED

Hooten, L. J.

- 1987 An Archaeological Inventory Survey of 6.33 Miles of Proposed Right-of-ways for Overhead Electrical Distribution Lines to Provide Service to Thirteen Well Locations in Northeastern San Juan County, New Mexico Conducted for the City of Farmington, Electrical Utility System. San Juan College Report #86-SJC-113, Farmington.

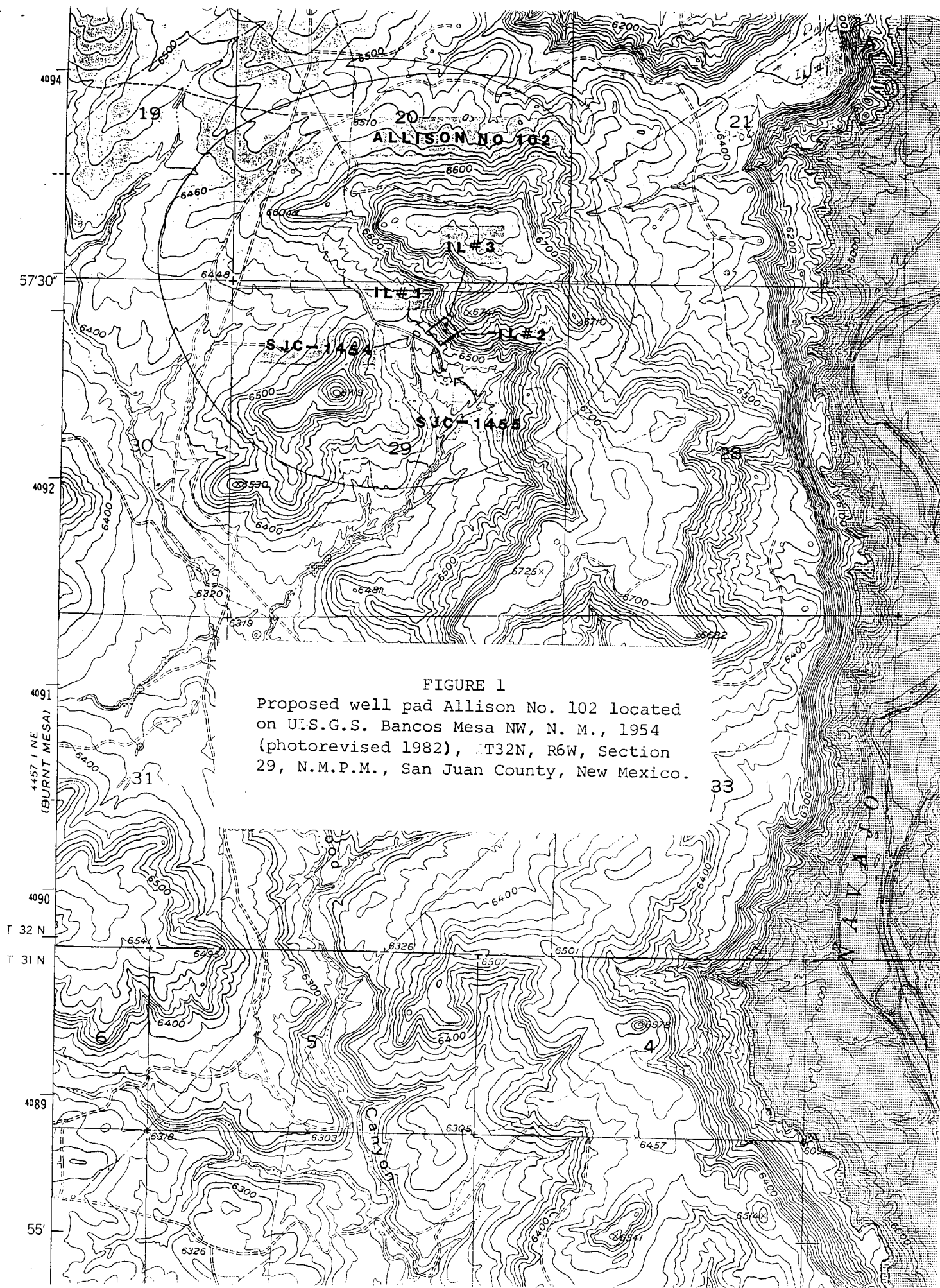
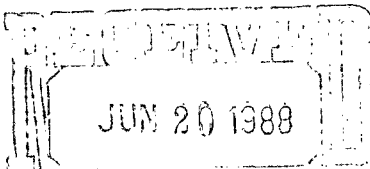


FIGURE 1
 Proposed well pad Allison No. 102 located
 on U.S.G.S. Bancos Mesa NW, N. M., 1954
 (photorevised 1982), T32N, R6W, Section
 29, N.M.P.M., San Juan County, New Mexico.



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE



1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 6-17-88

RE: Proposed MC _____
Proposed DIIC _____
Proposed NSL 8 _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 6-6-88
for the MERTON OIL, INC. ALLISON #102 B-29-32N-6W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

APPROVE

Yours truly,

[Signature]

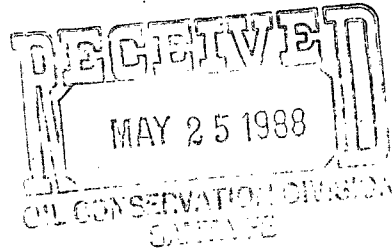


STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE

2523

OIL CONSERVATION DIVISION
BOX 2088
SANTA FE, NEW MEXICO 87501

DATE 5-20-88



1000 RIO BRAZOS ROAD
AZTEC, NEW MEXICO 87410
(505) 334-6178

RE: Proposed MC _____
Proposed DHC _____
Proposed NSL X _____
Proposed SWD _____
Proposed WFX _____
Proposed PMX _____

Gentlemen:

I have examined the application dated 4-15-88
for the Mexican Oil, Inc. Allison Unit #102 G-29-32N-6W
Operator Lease and Well No. Unit, S-T-R

and my recommendations are as follows:

Approve

Yours truly,

[Signature]