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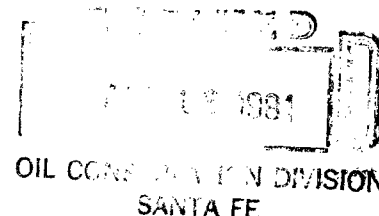
dugan production corp.

1355

NSL
Rule 104 F
5-3-81

April 1, 1981

Joe D. Ramey
Division Director
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, NM 87501



Re: Application for Administrative Approval of
Unorthodox Location for Jerome P. McHugh's
Jo Ann's Jewel #3, 730' FSL - 2020' FEL, Sec 17 T24N R2W
Rio Arriba County, New Mexico

*South Blanco PC
SE 1/4 dedicated*

Dear Mr. Ramey:

Enclosed please find three copies of the Application for Administrative Approval of the Unorthodox Location for the above-referenced well, which application includes a plat showing the ownership of all leases offsetting this spacing unit for which the unorthodox location is sought, and all wells completed thereon, and a plat showing the existent topographical conditions of the well location. Also enclosed are copies of the dedicated acreage plat.

Copies of this application are being submitted to all offsetting operators by certified mail with a request that they furnish your office with a waiver of objection.

Please advise if you need further information.

Sincerely,

Jerome P. McHugh Jr.

Jerome P. McHugh Jr.
Agent

fp

Enclosures

Joe D. Ramey
April 1, 1981
Page 2

JEROME P. McHUGH
Jo Ann's Jewel #3

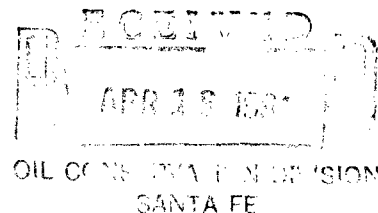
xc: Frank Chavez
New Mexico Conservation Division
1000 Rio Brazos Road
Aztec, NM 87410

James Sims
U.S. Geological Survey
P O Box 959
Farmington, NM 87401

D. N. Canfield, Landman
El Paso Natural Gas Co.
P O Box 1492
El Paso, TX 79978

Jerome P. McHugh
650 South Cherry Street, Suite 1225
No. 1074
P O Box 22557
Denver, CO 80222

APPLICATION FOR ADMINISTRATIVE APPROVAL
OF UNORTHODOX LOCATION



Applicant: Jerome P. McHugh

Name of Well: Jo Ann's Jewel #3

Land Dedicated to the Well: ~~SE/4~~ SE/4 Sec 17 T24N R2W, Rio Arriba County, NM

Proposed Unorthodox Location: 730' SFL - 2020' FEL
Sec 17 T24N R2W
Rio Arriba County, NM

Reason for Unorthodox Location: Because of cultural resource area on planned location, could not find an orthodox area to place the well; therefore the location had to be placed in an unorthodox location to the west.
See Exhibit "D", Cultural Resource Evaluation.

Offsetting Leases and Operators
and Well Completions:

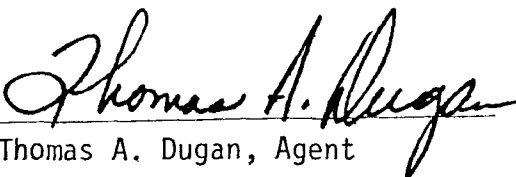
See Exhibit "A", attached hereto and incorporated herein by reference.

Existent Topographical Conditions:

See Exhibits "B" & "C" attached hereto and incorporated herein by reference.

New Mexico Oil Conservation Division
Rule Authorizing Application:

104-F

BY: 
Thomas A. Dugan, Agent

T24N - R2W

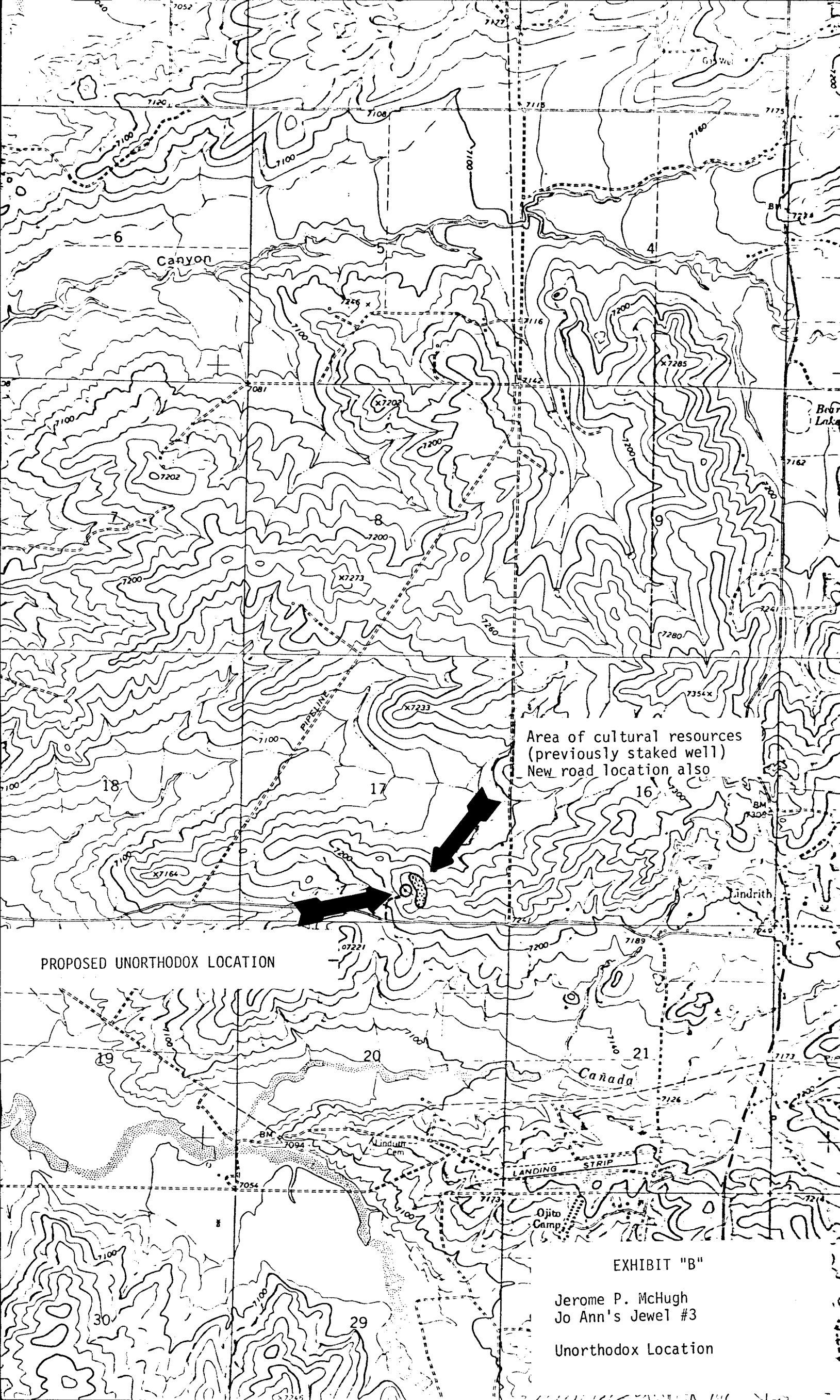
Jerome P. McHugh Dis Delight #1 ☀ P.C.	Jerome P. McHugh Dis Delight #2 ○ Location	
Jerome P. McHugh 17 Jo Ann's Jewel #2 ☀ P.C.	Jerome P. McHugh P.C. ○ Proposed Unorthodox Location Jo Ann's Jewel #3 Jerome P. McHugh	16
El Paso Natural Gas Co. Lindriith #75 ☀ P.C.	El Paso Natural Gas Co. Lindriith #74 ☀	El Paso Natural Gas Co. Lindriith #86 ☀
20		21

OFFSETTING OPERATOR

El Paso Natural Gas Co. - NE/4 Sec 20 T24N R2W
Rio Arriba County,
New Mexico

EXHIBIT "A"

Jerome P. McHugh
Jo Ann's Jewel #3
Unorthodox Location



PROPOSED UNORTHODOX LOCATION

Area of cultural resources
(previously staked well)
New road location also

EXHIBIT "B"

Jerome P. McHugh
Jo Ann's Jewel #3
Unorthodox Location

**NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT**

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

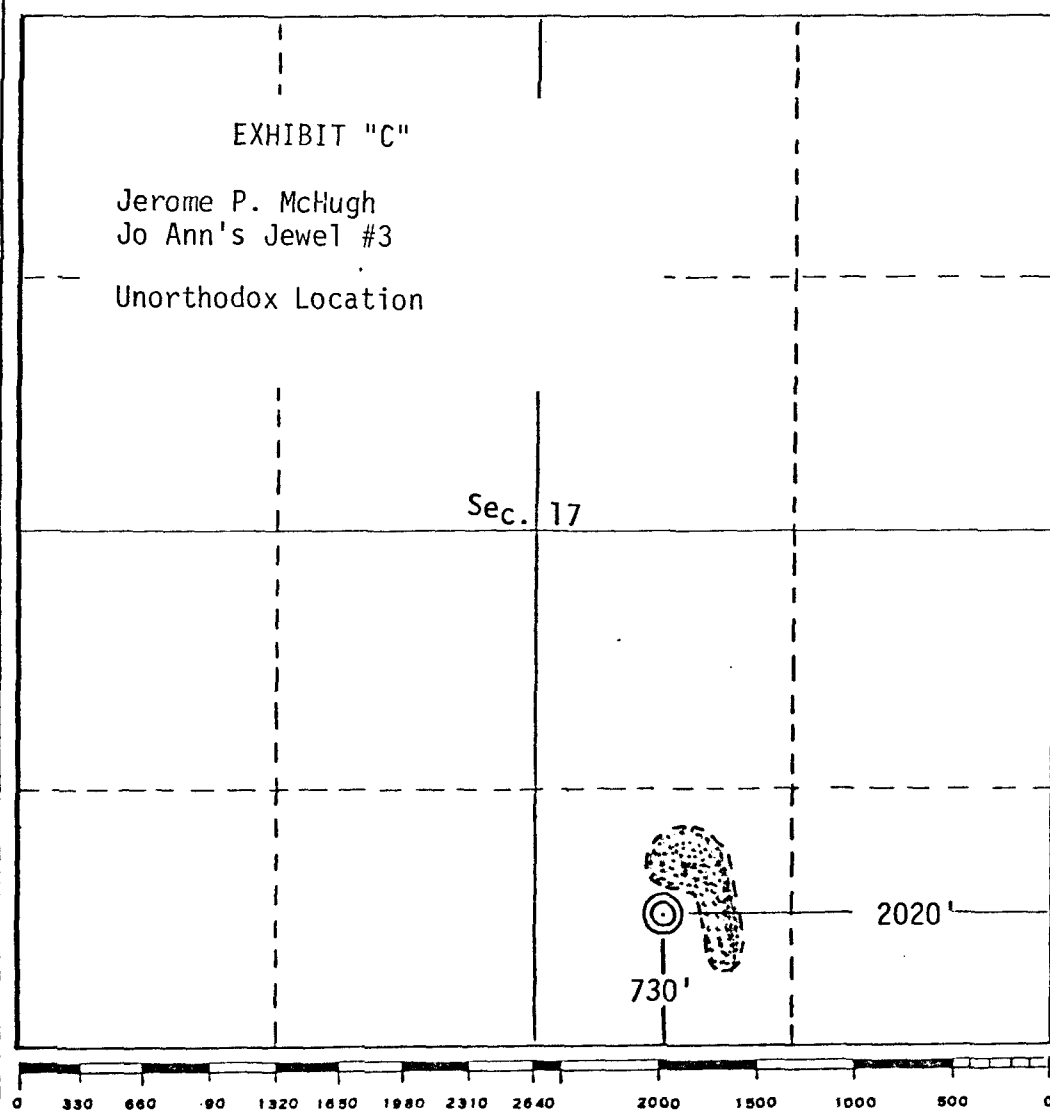
Operator Jerome P. McHugh			Lease Jo Ann's Jewel		Well No. #3
Unit Letter 0	Section 17	Township 24 North	Range 2 West	County Rio Arriba	
Actual Footage Location of Well: <div style="display: flex; justify-content: space-between;"> 730' feet from the South line and 2020' feet from the East line </div>					
Ground Level Elev. 7231'	Producing Formation Pictured Cliffs		Pool South Blanco P.C.		Dedicated Acreage: 160 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
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).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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.



CERTIFICATION	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.	
<i>Jerome P. McHugh Jr.</i>	
Name	Jerome P. McHugh Jr.
Position	Landman
Company	Dugan Production Corp.
Date	3-24-81
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	3-24-81
Registered Professional Engineer and/or Land Surveyor	<i>T.A. Dugan</i>
Certificate No.	2373
T.A. Dugan, Professional Engr.	



EXHIBIT "D"

Jerome P. McHugh
Jo Ann's Jewel #3

Unorthodox Location

An Archaeological Clearance Survey of
Four Proposed Well Locations & Access Roads
Conducted for Dugan Production Corporation

L. Jean Hooton

MF #2
Bright Angel #1
Kaibab Trail #1
JoAnn's Jewel #3

Report 81-SJC-107
of the
Cultural Resource Management Program
San Juan Campus
New Mexico State University

2 April 1981

Report 81-SJC-107
Permit 81-NM-083 and
79-NM-123 Navajo Tribe
with tribal consent to
Issuance #52.

An Archaeological Clearance Survey of
Four Proposed Well Locations & Access Roads
Conducted for Dugan Production Corporation

L. Jean Hooton
Cultural Resource Management
San Juan Campus
New Mexico State University

April 2, 1981

An Archaeological Clearance Survey of
Four Proposed Well Locations & Access Roads
Conducted for Dugan Production Corporation

On March 23, 1981, L. Jean Hooton, from the Cultural Resource Management Program, New Mexico State University, San Juan Campus, conducted an archaeological clearance survey at the request of Mr. Jerome P. McHugh, Jr., Dugan Production Corporation. Messrs. McHugh and Chris McHugh, Dugan Production, and Steve Shafran, U. S. Geological Survey, were present during the survey.

The proposed well locations will be on lands administered by the Bureau of Land Management, Federal Antiquities Permit 81-NM-083 and the Navajo Tribe, Federal Antiquities Permit 79-NM-123, and Navajo Tribal consent to issuance #52; and private land with federal minerals.

METHODOLOGY

The proposed well locations were surveyed by walking parallel transects, 50 feet apart, over a 300 by 300 foot easement. Access roads were inspected by walking the proposed route to and from the well location along a flagged line.

GENERAL RECOMMENDATIONS

Two sites, SJC-721 and SJC-722 were found on or near the proposed well locations. Site SJC-722 was found off the northeast corner of the proposed location Kaibab Trail #1. The site will not be disturbed by the proposed construction and drilling activities. Archaeological clearance is recommended with the stipulation that the site be avoided and remain undisturbed.

Site SJC-721 was found on and around the proposed well location, JoAnn's Jewel #3 (see site map and description). It was recommended that the well location be moved west and slightly south in order to avoid the site and prevent any inadvertant disturbance of the site.

GENERAL RECOMMENDATIONS (continued)

No other cultural resources were found during the survey and archaeological clearance is recommended as stated in this report.

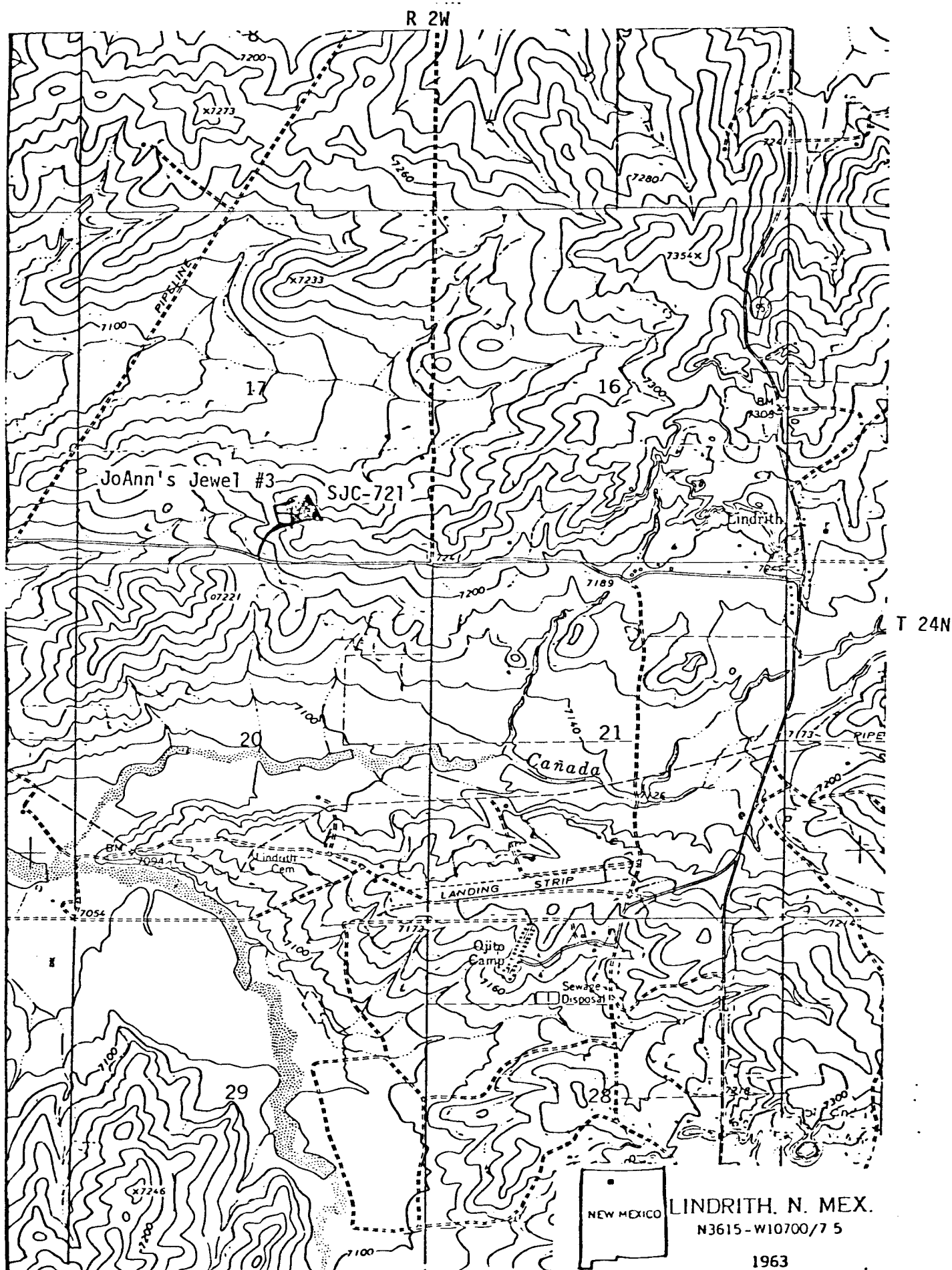


Figure 3

San Juan Campus Archeological Survey DUGAN Project SITE NO.: L.A.

Site name SJC-721 (The McHugh Site) Field number JoAnn's Jewel #3

of E₂ of the SW 1/4 of the SE 1/4, Sec. 17, T. 24 N. R. 2 W. County Rio Arriba State N.M.

Map source Lindrith, N.M., 1963 7.5 minute series, US Geological Survey Elevation 7,245'

Drainage: primary Canada Jacquez & unnamed tributaries secondary Canada Larga

Location on western end of low ridge top

Nearest town Lindrith, N.M. Nearest highway NM 95 Accessibility: foot X sedan X 4-w. dr. backhoe

Ownership Fee Surface / Federal Minerals

Informant

Stake location 60 m. west of site, well location 730 FSL, 2020 FEL

SITUATION (check ✓): Valley bottom Bench Slope Ridge X Mesa top Cliff edge Overhang Cave Dune
Other Area of site 225M N/S X 100 M E/W

FEATURES (Indicate number): Pit houses 2 Kivas Surface rooms: Slab Masonry Adobe Other

Refuse area (direction) W Hearths Burials Sherd/Chipping area X Grids/Dams/Terraces Pictographs/Petroglyphs

Trails/Steps Other

PLAN: 1-room X Linear Arc L-shaped C-shaped F-shaped E-shaped (0)-shaped Enclosed plaza: by a wall
by rooms Scattered X Indeterminate Other

Single-tier X Double-tier -tiers Part double-tier Part tier Orientation south Exposure open

Nature & depth of fill alluvial & cultural fill, 2^o - 3^o m. Est. Wall height Stratified?

Condition: Undisturbed X Eroded Pot-hunted Pottery/Artifact abundance: 10's, 100's, 1000's, and 10/(2M²) Modern structures

Surface: Level Uneven X Slopes to (direction) Surface deposits: Alluvium X Colluvium Aeolian Talus

Residual Soil: Rocky X Gravelly Sandy XX Clayey X Other

Local rock outcrops: Sandstone Limestone Shale Caliche Basalt Tuff Other

Arable land (type, distance & direction) Alluvial flood plains, 500 M North, 1050 M south
Canada Jacquez

Water (distance & direction): River Arroyo 1050mS Confluence Spring Seeps

Bedrock pool Permanent? No Local vegetation patterns Pinon, Juniper, oak brush, bitter brush,
sagebrush, snakeweed, broadleaf yucca, prickly pear cactus, grama, galleta.

Photo: B/W Color

Other resources

Field remarks Some chipped stone, lots of gallina B/W, corrugated, and plain pottery,
ground stone fragments, pile of burned adobe beam impressions next to eastern most
pithouse. No evidence of recent potting.

References

Report 81-SJC-107

Excavation requirements: Labor Time Equipment

CULTURE Anasazi / Largo-Gallina Phase/Date 950-1275 A.D. / (PI - PII)

Zone UTM 13; 314,140 E; 4,019,700 n Northern end Lab. class 1 2 3 4 5 6 7 8 9 10

Lab. remarks 13; 314,240 E; 4,019,560 n Southern end

13; 314,140 E; 4,019,640 n Eastern Side

13; 314,240 E; 4,019,620 n Western Side

Field recorder L. Jean Hooton Date 3/23/81 Collections storage Catalogue Nos.

Lab recorder Date Sherd Cabinet Drawer Bulk

SITE SJC-721

Site SJC-721, The McHugh Site, is a Largo-Gallina phase, 950-1275 A.D. The site consists of two pithouse depressions and associated artifact scatter and debris (see site map). One pithouse is on the edge of a northern point of a low ridge overlooking a small unnamed drainage. The pithouse depression is approximately 10 meters in diameter and 1 meter deep. Also visible on the surface is a squarish arrangement of the top most edge of upright slabs on the southwestern side of the pithouse, probably the ventilator shaft. At the southern end of the site and away from the edges of the ridgetop is another pithouse depression of similar dimension. There is a low mound of burned adobe beam impressions on the northern side of the pithouse. An old jeep trail skirts around the southern side of the pithouse but apparently has caused only minimal disturbance.

There are several artifact concentrations south of the northern most pithouse including sherds from many different vessels, occasional pieces of chipped stone - chert and chalcedony, and a few small fragments of ground stone. The sherds were representative of gallina B/W, Gallina plain undecorated, and a wide-banded variety of Gallina grayware. There were no diagnostic lithic tools found and no collections were taken.

The site is in good condition, and there was no evidence of pothunting other than probable surface collecting. A recently chained clearing is on the west side of the site and some sherds were observed there although apparently there were no features damaged by the chaining.

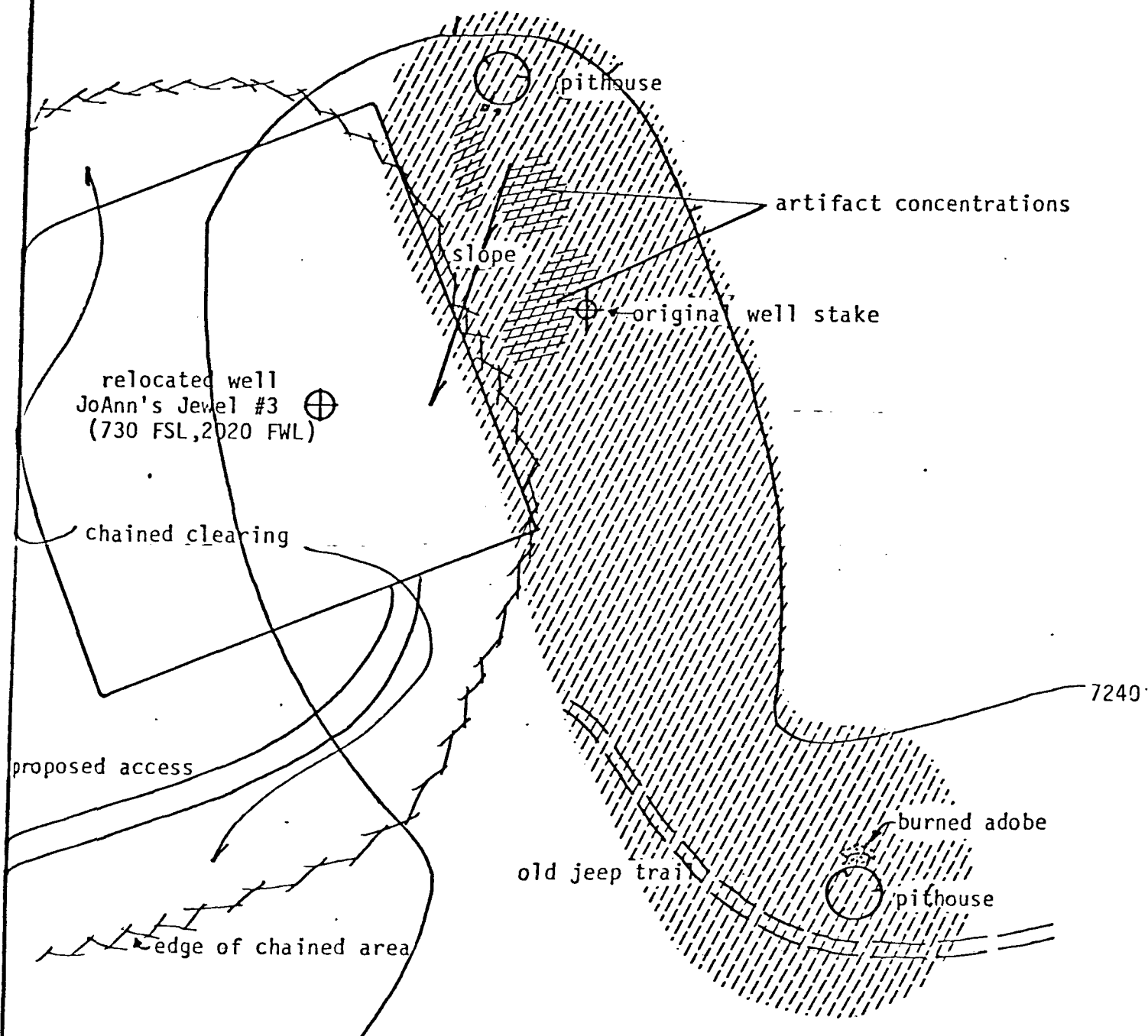
The site covers an area approximately 225 meters long and 100 meters wide. Depth of fill is probably 2' to 3' meters and artifact density varies from 25 - 30 /1M² in concentrations to less than 5/(2M)² sparsely scattered over the site.

The site is on a low ridgetop with northerly, westerly and southerly drainage, approximately 1.4 miles west of Lindrith, New Mexico and 200 meters North of the Largo Canyon Road. The soil is sandy clayey loam and vegetation is generally characterized by piñon, juniper, woodland including oak brush, bitter brush, sagebrush, snakeweed, broadleaf yucca, prickly pear cactus, grama and galleta.

It was requested that the proposed well location be moved to the west into a chained clearing in order to avoid the site. The well location was restaked 170 feet west and 60 feet south of the original stake.

It is also recommended that the proposed construction and drilling activities be confined to the area within the chained clearing, with the dead brush piled around the edge of the clearing serving as a boundary between the location and the site.

With the above stipulations, archaeological clearance is recommended.

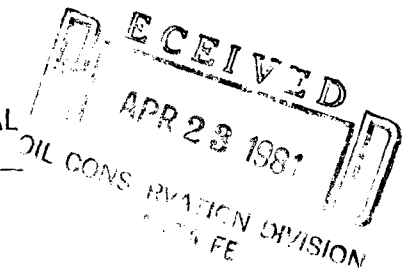


0 30
meters



Site SJC-721 (The McHugh Site)
C₂, E₂, SW₄, SE₄
Section 17
T 24N, R 2W
Rio Arriba County
New Mexico

APPLICATION FOR ADMINISTRATIVE APPROVAL
OF UNORTHODOX LOCATION



Applicant: Jerome P. McHugh

Name of Well: Jo Ann's Jewel #3

Land Dedicated to the Well: SW/4 SE/4 Sec 17 T24N R2W, Rio Arriba County, NM

Proposed Unorthodox Location: 730' SFL - 2020' FEL
Sec 17 T24N R2W
Rio Arriba County, NM

Reason for Unorthodox Location: Because of cultural resource area on
planned location, could not find an
orthodox area to place the well; there-
fore the location had to be placed in
an unorthodox location to the west.
See Exhibit "D", Cultural Resource Evaluation.

Offsetting Leases and Operators
and Well Completions:

See Exhibit "A", attached hereto and incorporated
herein by reference.

Existent Topographical Conditions:

See Exhibits "B" & "C" attached hereto and incorporated herein by reference.

New Mexico Oil Conservation Division
Rule Authorizing Application:

104-F

BY: Thomas A. Dugan
Thomas A. Dugan, Agent

Waiver:

El Paso Nat'l Gas Company hereby acknowledges receipt of the
Application for Administrative Approval of Unorthodox Location filed by
Jerome P. McHugh herein and hereby waives objection to
Jerome P. McHugh's Application for Administrative
Approval of Unorthodox Location for their Jo Ann's Jewel #3
Well as proposed herein.

BY: John A. Allen
DATE: 4-20-81

4 NMOCD

1 File

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-104

Revised 1-1-89

See Instructions
at Bottom of Page

1 EPNG

Submit 5 Copies
to appropriate District Office[STRICT I]
O. Box 1980, Hobbs, NM 88240[STRICT II]
O. Drawer DD, Artesia, NM 88210[STRICT III]
100 Rio Brazos Rd., Aztec, NM 87410

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

'92 JUN 29 AM 5 40

Operator DUGAN PRODUCTION CORP.		Well API No.
Address P.O. Box 420, Farmington, NM 87499		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> New Well <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Change of Operator <input type="checkbox"/> Change in Operator <input checked="" type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/> Effective 6/17/92		
Change of operator give name and address of previous operator Jerome P. McHugh & Assoc., PO Box 809, Farmington, NM 87499		

I. DESCRIPTION OF WELL AND LEASE

Lease Name Jo Ann's Jewel	Well No. 3	Pool Name, Including Formation South Blanco PC Ext.	Kind of Lease State, Federal or <input checked="" type="radio"/> Fee	Lease No. ---
Location Unit Letter J : 1520 Feet From The South Line and 1850 Feet From The East Line Section 17 Township 24N Range 2W , NMPM, Rio Arriba County				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)					
El Paso Natural Gas Co.	PO Box 4990, Farmington, NM 87499					
Well produces oil or liquids, or location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When?
this production is commingled with that from any other lease or pool, give commingling order number.						

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Deviation (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

VI. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)			
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

OIL CON. DIV.

GAS WELL			
Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VII. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature Jim L. Jacobs		Geologist	
Printed Name		Title	
6/17/92		325-1821	
Date		Telephone No.	

OIL CONSERVATION DIVISION

JUN 18 1992

Date Approved

By **Bill D. Chang**

SUPERVISOR DISTRICT #3

Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICOMETER CODE CHANGE

NOTICE OF GAS CONNECTION

DATE SEPTEMBER 23, 1986

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM JEROME P. McHUGH
OperatorJO ANN'S JEWEL #3
Well Name03-890-01
Meter Code12990-01
Site CodeJ
Well Unit17-24-2
S-T-RS. BLANCO PICTURED CLIFFS
PoolEL PASO NATURAL GAS
Name of PurchaserWAS MADE ON AUGUST 20, 1986,
DateFIRST DELIVERY DECEMBER 15, 1981
DateAOF 2450CHOKE 1847

FORMALLY PRODUCED THRU METER #94-093-01

EL PASO NATURAL GAS
PurchaserSteve W. L. Wood
RepresentativeClerk, Technical Support
TitleCC: OPERATOR
OIL CONSERVATION COMMISSION (2)
PRODUCTION CONTROL - El Paso
LEASE DEVELOPMENT - El Paso
CONTRACT ADMINISTRATION - El Paso
FILERECEIVED
SEP 25 1986
OIL CON. DIV.
DIST. 3

EL PASO NATURAL GAS COMPANY
POST OFFICE BOX 990
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE December 22, 1981

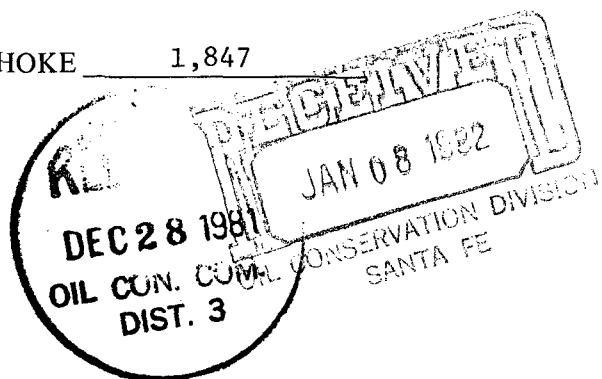
THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM Jerome P. McHugh Jo Ann's Jewel #3
Operator Well Name

94-093-01 12990-01 J 17-24-2
Meter Code Site Code Well Unit S-T-R

South Blanco Pictured Cliffs El Paso Natural Gas Company
Pool Name of Purchaser

WAS MADE ON December 15, 1981 FIRST DELIVERY December 15, 1981
Date Date

AOF 2,450CHOKE 1,847El Paso Natural Gas CompanyPurchaserCharles A. Thomas
RepresentativeAssistant Chief DispatcherTitlecc: Operator Denver
Oil Conservation Commission - 2
Proration - El Paso

File

039
P

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
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ANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PERMITS OFFICE	
Operator	

Jerome P. McHugh

Address
P O Box 208, Farmington, NM 87401

Reason(s) for filing (Check proper box)

New Well	<input checked="" type="checkbox"/>	Change in Transporter of:	
Recompletion	<input type="checkbox"/>	Oil	<input type="checkbox"/>
Change in Ownership	<input type="checkbox"/>	Casinghead Gas	<input type="checkbox"/>
		Dry Gas	<input type="checkbox"/>
		Condensate	<input type="checkbox"/>

Other (Please explain)

If change of ownership give name
and address of previous owner

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Fee	Lease No.
Jo Ann's Jewel	#3	Pictured Cliffs	State, Federal or Fee		---
Location					
Unit Letter	J	: 1520 Feet From The	South Line and	1850 Feet From The	East
Line of Section	17	Township	24N	Range	2W
				NMPM,	Rio Arriba
					County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.	P O Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When

If this production is commingled with that from any other lease or pool, give commingling order number:

COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'tv.	Diff. Res'tv.
		XX	XX					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
5-30-81	6-27-81		3260' GL		3248			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
7177' GL	Pictured Cliffs		3163' GL		3206 GL			
Perforations	Depth Casing Shoe							
3163-69 and 3224-36	11 holes				3250' GL			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
9-7/8"	7"	110' GL	50 sx class B, 2% CaCl
7-1/4"	4 1/2"	3250' GL	360 cu.ft.
	1 1/4"	3206' GL	

TEST DATA AND REQUEST FOR ALLOWABLE
OIL WELL(Test must be after recovery of total volume of load oil and must be equal to or exceed top allc
able for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
1846.59	3 hrs		
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
one point back press	879 psi	879 psi	3/4"

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation
Division have been complied with and that the information given
above is true and complete to the best of my knowledge and belief.

(Signature)

Thomas A. Dugan

Agent

(Title)

OIL CONSERVATION DIVISION

APPROVED

BY

SUPERVISOR DISTRICT # 3

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepen
well, this form must be accompanied by a tabulation of the deviatl
tests taken on the well in accordance with RULE 111.All sections of this form must be filled out completely for allo
able on new and recompleted wells.Fill out only Sections I, II, III, and VI for changes of own
or other such change of conditi

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

5 - NMOCD

1 - McHugh

1 - File

1 - El Paso

Form C-103
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CO. OF COPIES RECEIVED	
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LAND OFFICE	
OPERATOR	

TYPE OF WELL

OIL WELL ☐

GAS WELL ☒

DRY ☐

OTHER ☐

TYPE OF COMPLETION

NEW WELL ☒

WORK OVER ☐

DEEPEN ☐

PLUG BACK ☐

DIFF. RESVR. ☐

OTHER ☐

Name of Operator

Jerome P. McHugh

Address of Operator

P O Box 208, Farmington, NM 87401

Location of Well

LETTER J LOCATED 1520 FEET FROM THE South LINE AND 1850 FEET FROM

East LINE OF SEC. 17 TWP. 24N RGE. 2W NMPM

12. County

Rio Arriba

Date Spudded 5-30-81 16. Date T.D. Reached 6-4-81 17. Date Compl. (Ready to Prod.) 6-27-81 18. Elevations (DF, RAB, RT, GR, etc.) 7177' GL 19. Elev. Casinghead

Total Depth 3260 21. Plug Back T.D. 3248 22. If Multiple Compl., How Many single 23. Intervals Drilled By Rotary Tools TD Cable Tools

Producing Interval(s), of this completion - Top, Bottom, Name

3163-3236' Pictured Cliffs

25. Was Directional Survey Made

NO

Type Electric and Other Logs Run

IES, Compensated Density, Neutron and Gamma Ray,

27. Was Well Cored
NO

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23	110' GL	9-7/8"	50 sx class B, 2% CaCl	---
4 1/2"	10.5	3250' GL	6-1/4"	360 cu. ft.	---

LINER RECORD

30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
None					1 1/2"	3206' GL	

Perforation Record (Interval, size and number)

3163-69 and 3224-36 11 holes

3-1/8"

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL
See sundry notice of 6-29-81 for details.

AMOUNT AND KIND MATERIAL USED

First Production

Production Method (Flowing, gas lift, pumping - Size and type pump)

Well Status (Prod. or Shut-in)
SI

1. Date of Test 7-8-81 2. Hours Tested 3 3. Casing Size SANTA FE 3 1/4" 4. Prod'n. For Test Period 1846.5 bbl 5. Oil - Bbl. 1846.5 bbl 6. Gas - MCF 2450 7. Water - Bbl. 0 8. Gas - Oil Ratio 0 9. Tubing Press. 9 psi (chk) 10. Casing Pressure 462 11. Calculated 24-Hour Rate 2450 12. Oil - Bbl. 0 13. Gas - MCF 0 14. Water - Bbl. 0 15. Oil Gravity - API (Corr.) 0

Disposition of Gas (Sold, used for fuel, vented, etc.)

Test Witnessed By

List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

2 McHugh

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and log activity log run on the well and a summary of all apical tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 7b through 14 shall be repeated for each zone. The form is to be filed in triplicate except on state land, where six copies are required. See Rule 135.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____ 2878'	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____ 2982'	T. Penn. "C" _____
B. Salt _____	T. Atok _____	T. Pictured Cliffs _____ 3133'	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from.....to..... No. 4, from.....to.....
No. 2, from.....to..... No. 5, from.....to.....
No. 3, from.....to..... No. 6, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from to feet.

No. 2, from to feet.

No. 3, from to feet.

No. 4, from to feet.

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test		<input checked="" type="checkbox"/> Initial		<input type="checkbox"/> Annual		<input type="checkbox"/> Special		Test Date		7-8-81					
Company				Jerome P. McHugh											
Pool				South Blanco				Formation				Pictured Cliffs			
Completion Date				6-27-81				Total Depth				3260' GL			
Plug Back TD				3248' GL				Elevation				7177' GL			
Form or Lease Name				Jo Ann's Jewel											
Csg. Size		4 1/2"		Wt.		10.5		Set At		3250' GL		Perforations		From 3163 To 3236'	
Tbg. Size		1 1/4"		Wt.		2.4		Set At		3206' GL		Perforations		From open end To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple				single				Packer Set At				--			
Producing Thru tubing				Reservoir Temp. °F				Mean Annual Temp. °F				Baro. Press. - P _a			
L		H		Gg		.62		% CO ₂		% N ₂		% H ₂ S		Prover	
Meter Run		Taps		County		Rio Arriba		State		NM					

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
1							879	65	879	65	7 days
2											
3	3/4" pos. choke			139				65	462	65	3 hrs.
4											
5											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1							
2							
3	12.368		151	.9952	.9837	1.01	1846.59
4							
5							

NO.	P ₁	Temp	Gas Liquid Hydrocarbon	Mcf/bbl.
1			A.P.I. Gravity of Liquid Hydrocarbon	Deq.
2			Specific Gravity Separator Gas	XXXXXXX
3			Specific Gravity Flowing Fluid	XXXX
4			Critical Pressure	P.S.I.A.
5			Critical Temperature	R

DECEMBER 23 1981
JUL 23 1981
OIL CONSERVATION DIVISION
SANTA FE

RECEIVED
JUL 17 1981
OIL CON. COM.
DIST. 3

NO.	P ₁ ²	P _w ²	P ₂ ²	P _c ² - P _w ²
1				
2				
3		474	224,676	579,205
4				
5				

(1) $\frac{P_c^2}{P_2^2 - P_w^2} = 1.39$
(2) $\left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n = 1.33$

AOF = Q $\left[\frac{P_c^2}{P_2^2 - P_w^2} \right]^n = 2450$

Absolute Open Flow		2450		Mcf @ 15.025		Angle of Slope		Slope, n		.85	
Remarks: dry gas!											
Approved By Division				Conducted By:				Anderson			
				Calculated By:				Anderson			
				Checked By:							

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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OPERATOR		

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
8. Farm or Lease Name	
Jo Ann's Jewel	
9. Well No.	
#3	
10. Field and Pool, or Wildcat	
S. Blanco P.C. ext.	
12. County	
Rio Arriba	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

ILL <input checked="" type="checkbox"/>	GAS <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
Jerome P. McHugh		
Address of Operator		
P O Box 208, Farmington, NM 87401		
Location of Well		
UNIT LETTER	J	1520'
FEET FROM THE South LINE AND 1850'		
FEET FROM		
East	LINE, SECTION 17	TOWNSHIP 24N
RANGE 2W NMPM.		

15. Elevation (Show whether DF, RT, GR, etc.)

7177' GL

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

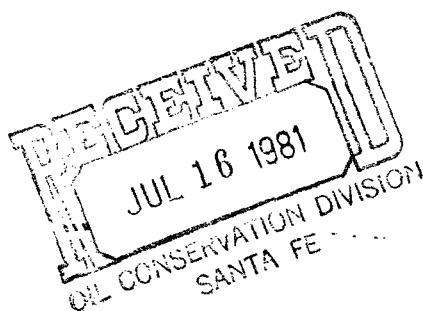
ORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>
ORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>

SUBSEQUENT REPORT OF:

REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER Completion <input type="checkbox"/>

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

See reverse for report of perforations 6-25-81, fracture 6-26-81, tubing 6-27-81.



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

CO <u>Jim L. Jacobs</u>	TITLE <u>Agent</u>	DATE <u>6-29-81</u>
APPROVED BY <u>Frank J. O'Leary</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>JUL 1 - 1981</u>
CONDITIONS OF APPROVAL, IF ANY:		

6-23-81 Shut down

6-24-81 Shut down

6-25-81 Rig up Western Co. and spot 250 gals 7½% HCL from 3248' to 2900' GL. Move in and rig up MTK Inc. Rig #2. P.O.O.H. w/ tbg. Rig up Jetronics Inc. and run GR-CCL correlation log from 3242' to 2250' GL. Perforate Pictured Cliffs formation using 3-1/8" hollow carrier dual-fire gun at 3163, 65, 67, 69; 3224, 26, 28, 30, 32, 34, 36' GL w/ 1 jspf for a total of 11 holes.

6-26-81 Rig up Western Co. and Foam Frac Pictured Cliff Formation using 70% N₂ foam as follows:

7,500 gals Foam pad
10,000 gals Foam w/ 1#/gal. 20-40 sand
20,000 gals Foam w/ 2#/gal 20-40 snad
2,150 gals Foam flush

Total sand: 50,000 #'s 20-40 mesh

Total Fluid: 944 bbls (281 bbls. water, 100 gals Adafoam,
368,550 SCF N₂)

Treating Press: Max. °1400²psi, Min ±1250 psi, Ave 1400 psi
ISDP ±1000 psi, 10 min shut-in press ±950 psi
Ave. Injection Rate 24 blm

Well opened to atmosphere at 2:15 p.m.

6-27-81 Picked up production string of tubing, tagged sand at 3238'. All perfs open. Ran 99 joints of 1½", 2.4#, V-55, 10 Rd, EUE tubing. T.E. 3207.57' set at 3206' GL. Well making approx. 850 MCF/day of dry gas. Shut in for test.

STATE OF NEW MEXICO
 OIL AND MINERALS DEPARTMENT

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 P. O. BOX 2088
 SANTA FE, NEW MEXICO 87501

1 - E1 Paso Exp1.
 Form C-103
 Revised 10-1-78

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
 USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

☒ GAS WELL ☐ OTHER-
 of Operator

Jerome P. McHugh

Address of Operator

P O Box 208, Farmington, NM 87401

Location of Well

IT LETTER J 1520' FEET FROM THE South LINE AND 1850' FEET FROM
East LINE, SECTION 17 TOWNSHIP 24N RANGE 2W NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)

7177' GL

5a. Indicate Type of Lease

State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

8. Farm or Lease Name

Jo Ann's Jewel

9. Well No.

#3

10. Field and Pool, or Wildcat

S. Blanco P.C. ext.

12. County

Rio Arriba

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

AW REMEDIAL WORK ☐
 PARTIALLY ABANDON ☐
 OR ALTER CASING ☐

PLUG AND ABANDON ☐
 CHANGE PLANS ☐

REMEDIAL WORK ☐
 COMMENCE DRILLING OPNS. ☒
 CASING TEST AND CEMENT JOB ☒
 OTHER ☐

ALTERING CASING ☐
 PLUG AND ABANDONMENT ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

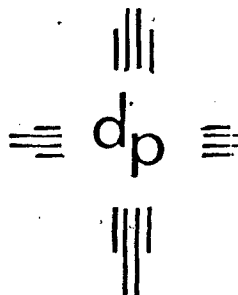
See reverse for report of spud and surface csg 5-30-81 and 4½" csg. 6-5-81.



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

by Thomas A. Dugan TITLE Agent DATE 6-5-81

APPROVED BY [Signature] TITLE SUPERVISOR DISTRICT # 3 DATE JUN 8 - 1981



dugan production corp.

JEROME P. McHUGH
Jo Ann's Jewel #3

DAILY REPORT

5-30-81 Moved in James Drilling rig. Spudded 9-7/8" hole at 10:00 p.m.
5-29-81. Drlg. to 114'. Ran 4 jts. 7" OD 23# K-55, 8R, ST&C
csg. set at 110' ground level. Cementers Inc. cemented w/
50 sx class "B" 2% CaCl. P.O.B. at 4:30 a.m. 5-30-81. W.O.C.

5-31-81 1285' - Drlg. Wt. 9.0 Vis 33 W.L. 6.8

6-1-81 2163 - Drlg. Vis 33 Wt. 9.0 W.L. 6.7

6-2-81 2625 - Trip Vis 34 Wt. 9.2 W.L. 5.2

6-3-81 3043' - Drilling Wt. 9.1 Vis 34 W.L. 6

6-4-81 TD 3260' - Mud while drlg. Vis 36 Wt. 9.1 W.L. 8
Conditioned hole for logging Vis 60 Wt. 9.4 W.L. 8
Coming out of hole to log. Welex on location.

6-5-81 T.D. 3260' Welex ran IES and compensated Density, Neutron
& Gamma Ray log. Laid down drill pipe. Ran 81 jts. 4 1/2"
OD, 10.5#, J-55, 8 Rd, ST&C, U.S.S. csg. Set at 3250'.
Halliburton pumped 10 bbls mud flush ahead of 150 sx class
B 50-50 pos w/ 4% gel, 12 1/2# gilsonite/sx, 1# flocele/sx
followed by 75 sx class "B" 12 1/2# gilsonite/sx. Total slurry
360 cu.ft., reciprocated csg. OK. Good circulation till
last 4 bbls of displacement. Max press 900 psi.
P.O.B. at 12:30 a.m. 6-5-81. Rig released.

150
75
225



OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

30-039-22752
Form C-101
Revised 10-1-78

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LAND OFFICE	
OPERATOR	

5A. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
8. Firm or Lease Name Jo Ann's Jewel
9. Well No. #3
10. Field and Pool, or Wildcat S. Blanco P.C.
12. County Rio Arriba

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work
 DRILL ☒ DEEPEN ☐ PLUG BACK ☐
 Type of Well
 OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☒ MULTIPLE ZONE ☐

Name of Operator
Jerome P. McHugh

Address of Operator
P O Box 208, Farmington, NM 87401

Location of Well
 UNIT LETTER J LOCATED 1520 FEET FROM THE South LINE
 1850' FEET FROM THE East LINE OF SEC. 17 TWP. 24N RGE. 2W

13. Proposed Depth 3250'	19. Formation Pictured Cliffs	25. Rotary or C.T. Rotary
-----------------------------	----------------------------------	------------------------------

Elevations (Show whether DT, RT, etc.) 7177'	21A. Kind & Status Plug. Band	21B. Drilling Contractor James Drilling Co.	22. Approx. Date Work will start June 1, 1981
---	-------------------------------	--	--

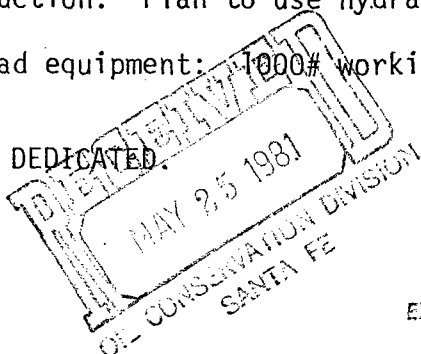
PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/2"	8-5/8"	24#	90'	60 sx	
6-1/4"	4-1/2"	10.5#	3250'	25 sx	min 500' above P.C.

Plan to drill with mud to test P.C. Formation. If productive, plan to run 4 1/2" casing to TD, selectively perforate, frac, clean out after frac, run tubing and put well on production. Plan to use hydraulic bag-type BOP.

Well head equipment: 1000# working pressure, non-flanged.

GAS NOT DEDICATED.



APPROVAL VALID
FOR 6 MONTHS UNLESS
DRILLING COMMENCED,

EXPIRES 11-6-81



ABOVE SPACE DESCRIBE PROPOSED PROGRAM: IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTION ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

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

Signed Jerome P. McHugh Agent Date 5-4-81

(This space for State Use)

APPROVED BY Frank J. O'Neil TITLE SUPERVISOR DISTRICT # 3 DATE MAY 6 1981

CONDITIONS OF APPROVAL, IF ANY:

OIL CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENTP. O. BOX 2088
SANTA FE, NEW MEXICO 87501Form C-102
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

Owner Jerome P. McHugh		Lease Jo Ann's Jewel		Well No. 3	
Letter J	Section 17	Township 24 North	Range 2 West	County Rio Arriba	
Well Footage Location of Well: 1520 feet from the South line and 1850 feet from the East line					
Ground Level Elev. 7177	Producing Formation Pictured Cliffs		Pool S. Blanco P.C.		Dedicated Acreage: 160 Acres

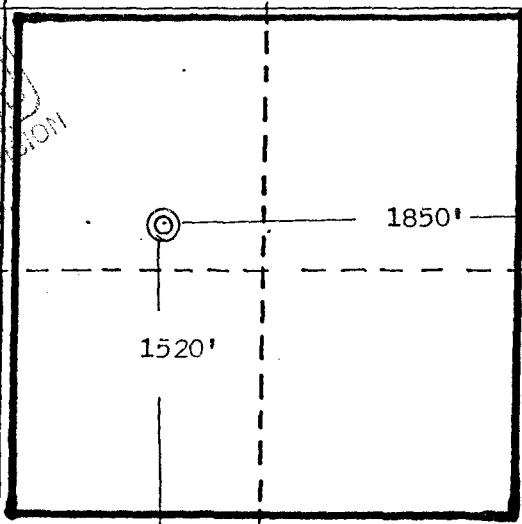
1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty). NA
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

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 Division.

Sec. 17
MAY 25 1981
OIL CONSERVATION DIVISION
SANTA FE



CERTIFICATION

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

Name
Jerome P. McHugh Jr.
Position
Agent
Company
Dugan Production Corp.
Date
5-4-81

I hereby certify that the location shown on this plat was plotted from field notes of actual survey 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 25, 1981
Registered Professional Engineer
and/or Land Surveyor
Edgar L. Risenhoover
Certificate No. 5979
Edgar L. Risenhoover, L.S.