

NSL(NSP)

11/7/96

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 87402
(505) 327-4892

October 11, 1996

Mr. William J. LeMay
New Mexico Oil Conservation Division
P.O. Box 2088
Santa Fe, NM 87504-2088

Re: Non-Standard Spacing Unit and Unorthodox Location
Thompson Engineering
Federal 11 #3
1465' FSL, 1184' FEL
Section 11, T28N R13W
San Juan County, NM
Basin Fruitland Coal

Dear Mr. LeMay,

This is a request for administrative approval for a Non-Standard Spacing Unit and Unorthodox Location in the Basin Fruitland Coal pool for the referenced well. This request is necessitated by a variation in the legal subdivision of the U.S. Public Land Surveys and for geologic reasons.

The Federal 11 #3 is currently a marginal Pictured Cliffs producer. We plan to set a bridge plug above the Pictured Cliffs perfs and complete the Basin Fruitland Coal formation. If the Fruitland Coal completion is successful, we plan to remove the bridge plug and commingle the production from the two zones.

All of Section 11 is dedicated to the Basin Fruitland Coal formation. Due to a variation in the legal subdivision of the U.S. Public Land Surveys the entire section is only 275.36 acres. The well does meet the set back requirements for a Fruitland Coal well.

The basal coal thins dramatically in the western half of this section. A Fruitland Coal completion in a standard location in the southwest quarter would not, in our opinion, result in an economic well. Please refer to Exhibit 1 which contains copies of the open hole logs for the Federal #2E (SW 11) and the Federal 11 #3 (SE 11).

Besides the economic benefits of utilizing the existing wellbore, we will reduce the surface disturbance since the pad and pipeline facilities are already in place. The surface is owned by Bolack Land and Cattle Company.



Attached is a plat indicating the offset Fruitland Coal operators and existing Fruitland Coal wells (Exhibit 2) and a list of offset operators and their addresses (Exhibit 3).

The offset Fruitland Coal operators are being notified of this application by certified return receipt mail. Copies of these letters are enclosed as Exhibit 4.

Thank you for your consideration and approval of this application. If you have any questions please do not hesitate to call upon me.

Sincerely,

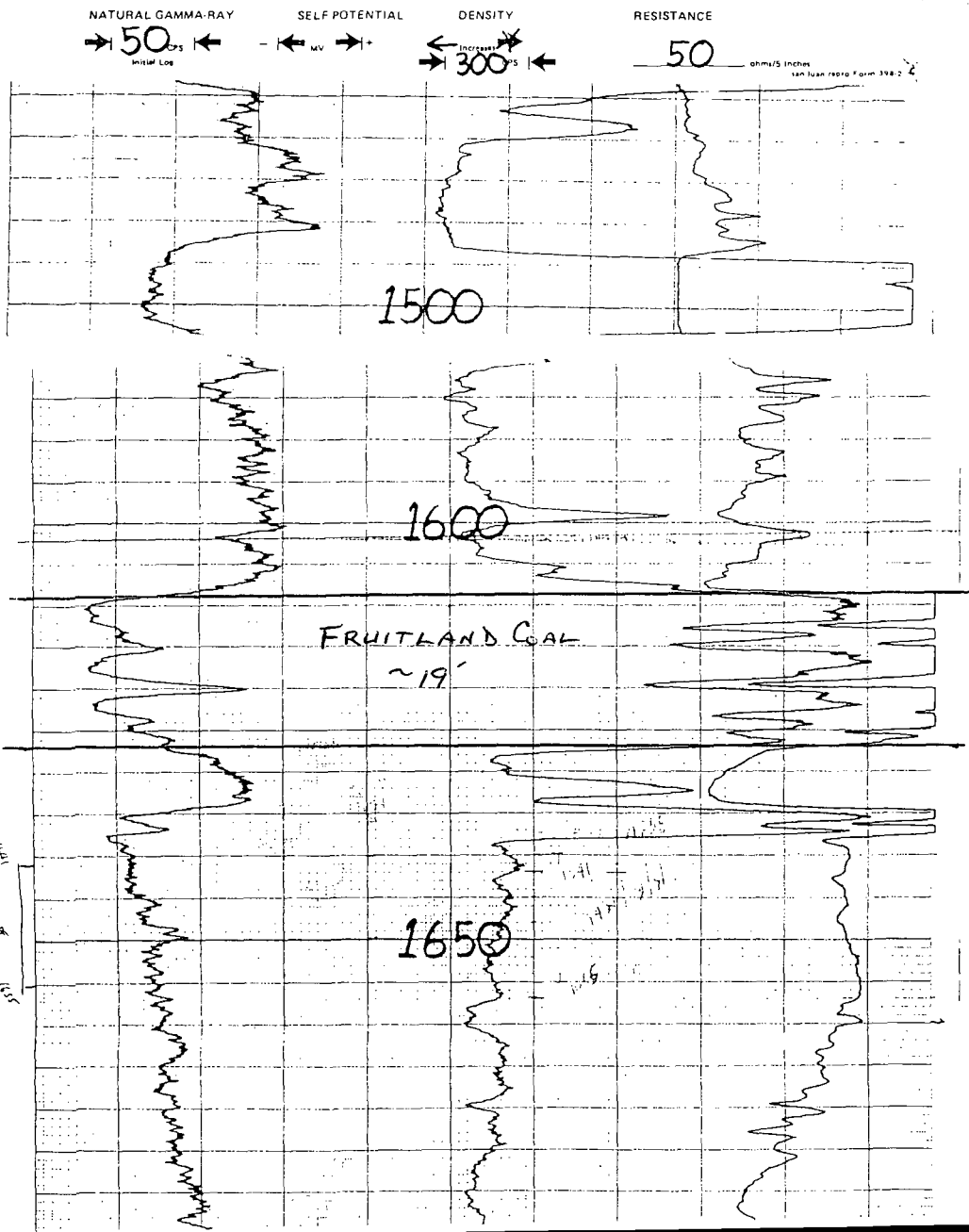
A handwritten signature in cursive script, reading "Paul C. Thompson".

Paul C. Thompson, P.E.
President, Thompson Engineering

cc: Chris Coleman
NMOCD Aztec NM
BLM Farmington NM

EXHIBIT #1

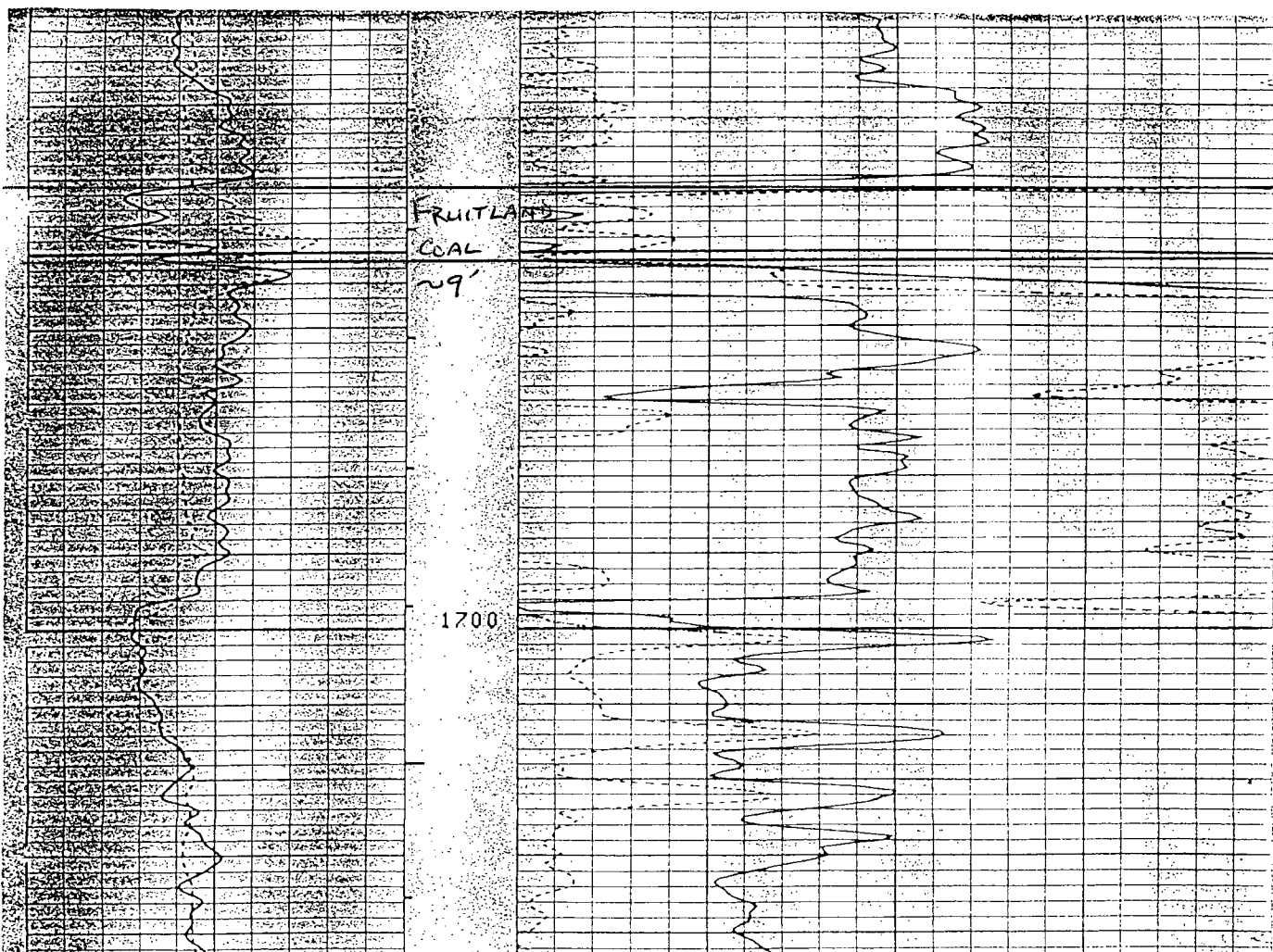
Surveys		Date 4-27-79		T.D. Drilled 1826 Ft.		Drive	
Company Ralph Abbott		Bore hole 3-11		Bore hole Fluid Mud		Standby	
Area/Project West Kute Picture Cliffs Gas Project		County San Juan		State N. Mex.		Logging	
Section 11		Township 28N		Range 13W		Elevation	
Initial Log		NATURAL GAMMA RAYS		Initial Log Offset		Unit No. 115	
T.D. LOGGED 1809 Ft.		Scale		Scale		Scale	
NATURAL GAMMA 50 CPS/in.		T.C. Logging Speed		T.C. Logging Speed		T.C. Logging Speed	
TIME CONSTANT 2 Sec		LOGGING SPEED 20 Ft./Min.		LOGGING SPEED 20 Ft./Min.		LOGGING SPEED 20 Ft./Min.	
Gamma Calibration - Probe Date		Total		Total		Total	
Source No.		Source Value		Source No.		Source Value	
Probe No. 19		Probe Size 1 1/16		Probe No. 19		Probe Size 1 1/16	
Detector Scin.		Type & Size 1x4		Detector Scin.		Type & Size 1x4	
Dead Time		K factor		Dead Time		K factor	
Water Factor		For hole size		Water Factor		For hole size	
Resistance 10 ohms per 1 in.		S.P.		Resistance 50 ohms per inch		S.P.	

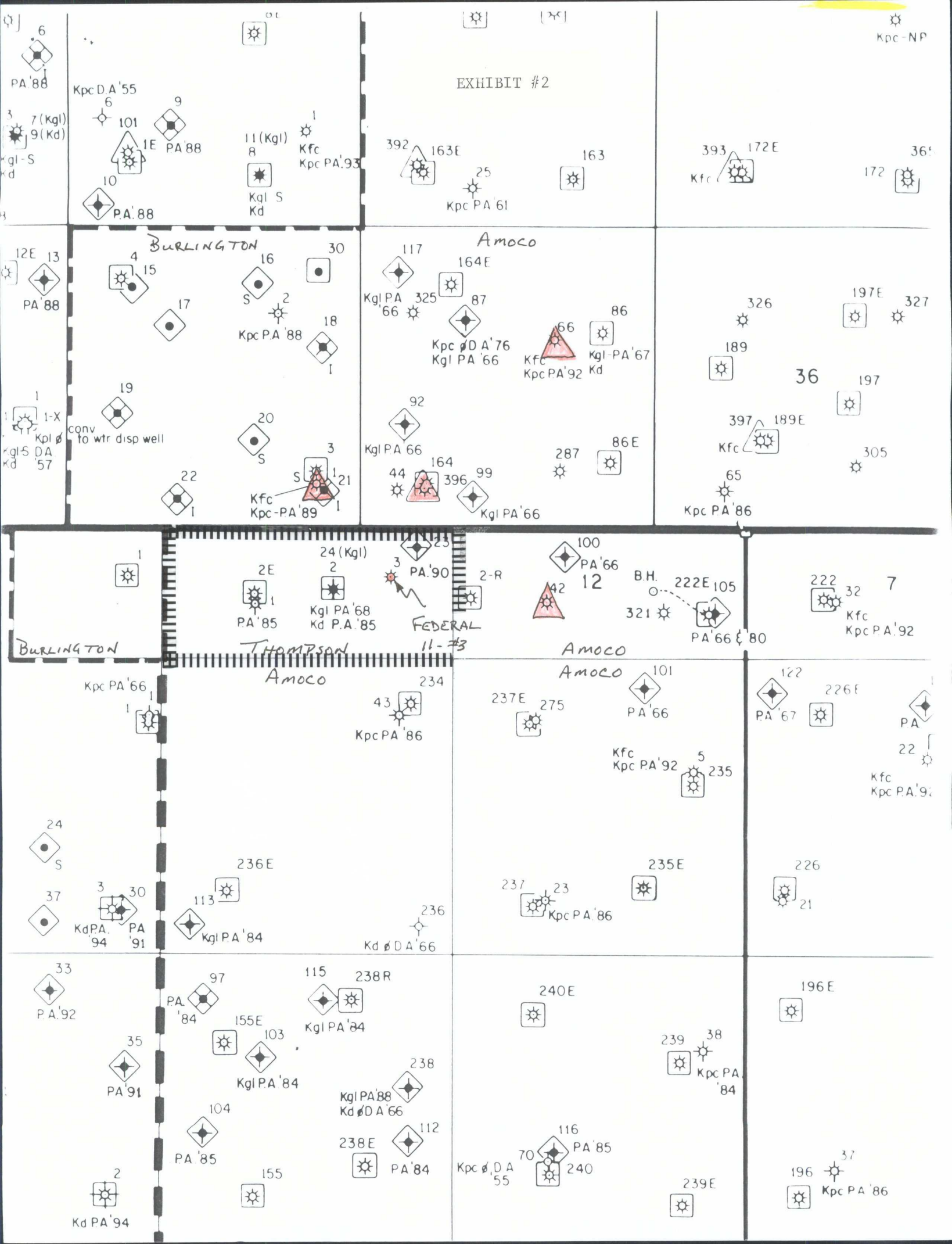


Schlumberger

SIMULTANEOUS
COMPENSATED NEUTRON
FORMATION DENSITY

COUNTY: SAN JUAN, N.M.		WELL: FEDERAL COM #2E	
FIELD: BASIN DAKOTA		COMPANY: CURTIS LITTLE	
LOCATION: FEDERAL COM #2E		COUNTY: SAN JUAN	
STATE: NEW MEXICO		Other Services:	
LOG: 1-1201 FSL & 1640 FWL		1-SFL	
APPROVAL NO. SEC. TWP. RANGE		11 28 N 13 W	
Permanent Datum: G.L. Elev. 5955		Elev. K.B. 5967	
Log Measured From: K.B. 12 ft. Above Perm. Datum		D.F. 5966	
Drilling Measured From: K.B.		G.L. 5955	
Date: 6-22-20-80		Run No. ONE	
Depth-Driller: 6427		Depth-Logger: 6419	
Btm. Log Interval: 6416		Top Log Interval: 6415	
Casing-Driller: 8 5/8 @ 215		Casing-Logger: 218	
Bit Size: 7 7/8		Type Fluid in Hole: FGM	
Dens. Visc. 9.2 63		PH Fluid Loss: 7.5 8.8 ml	
Source of Sample: FLOW LINE		Rm. @ Meas. Temp. 93 @ 68 °F	
Rmt. @ Meas. Temp. 1153 @ 68 °F		Rmc. @ Meas. Temp. @ °F	
Source of Rmt. Rmc. M		Rm. @ BHT 42 @ 150 °F	
Circulation Stopped 2345 12-19		Log on Bottom 0300 12-20	
Max. Rec. Temp. 150 °F		Equip. Location: 8206 FARM	
Recorded By: JOHNSON		Witnessed By: LITTE	





THOMPSON ENGINEERING & PRODUCTION CORP.

Federal 11 #3

1465' FSL & 1184' FEL

Sec. 11, T28N, R13W

San Juan County, New Mexico

The following property owner has received written notice of the proposed minor facility.

AMOCO PRODUCTION COMPANY
San Juan Operations Center
200 Amoco Court
Farmington, New Mexico 87401

BURLINGTON OIL
3535 E 30th Street
Farmington, New Mexico 87401

I certify that this letter has been mailed to the above property owner.


Paul C. Thompson

San Juan County)
) ss
State of New Mexico)

The following instrument was acknowledged before me this 17th day of October 1996 by Paul C. Thompson.


Notary Public

My Commission Expires:

July 31, 1997

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 87402
(505) 327-4892CERTIFIED- RETURN RECEIPT

October 16, 1996

Mr. James Strickler
Burlington Oil
3535 E. 30th Street
Farmington, NM 87401Re: Application for Non-Standard Spacing Unit
and Unorthodox Location
Thompson Engineering
Federal 11 #3
1465' FSL, 1184' FEL, Section 11, T28N R13W
San Juan County, New Mexico
Basin Fruitland Coal

Dear Mr. Sir,

Enclosed you will find a copy of the above referred to application that has been submitted to the New Mexico Oil Conservation Division for administrative approval.

If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico. A copy of any remarks to the undersigned would be appreciated.

Thank you for your consideration in this matter and if you have any questions, please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson
President, Thompson Engineering

**WALSH**

ENGINEERING & PRODUCTION CORP.

Petroleum Engineering Consulting
Lease Management
Contract Pumping7415 East Main
Farmington, New Mexico 87402
(505) 327-4892CERTIFIED- RETURN RECEIPT

October 16, 1996

Land Manager
AMOCO Production Company
200 AMOCO Court
Farmington, NM 87401Re: Application for Non-Standard Spacing Unit
and Unorthodox Location
Thompson Engineering
Federal 11 #3
1465' FSL, 1184' FEL, Section 11, T28N R13W
San Juan County, New Mexico
Basin Fruitland Coal

Dear Mr. Sir,

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If you desire to submit remarks concerning the application, please send them to Mr. William J. LeMay, Director, New Mexico Oil Conservation Division, Santa Fe, New Mexico. A copy of any remarks to the undersigned would be appreciated.

Thank you for your consideration in this matter and if you have any questions, please do not hesitate to call upon me.

Sincerely,

Paul C. Thompson
President, Thompson Engineering

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
OIL CONSERVATION DIVISION
SEEDY NOTICES AND REPORTS ON WELLS

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT-" for such proposals.

96 OCT 21 AM 8 52

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	5. Lease Designation and Serial No. NM-0338690
2. Name of Operator Thompson Engineering and Production Corp.	6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. C/O Walsh Engineering & Production Corp. 7415 East Main Farmington, NM 87402 505-327-4892	7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1465' FSL & 1184' FWL, Sec. 11, T28N, R13W	8. Well Name and No. Federal 11 #3
	9. API Well No.
	10. Field and Pool, or Exploratory Area West Kutz PC
	11. County or Parish, State San Juan County, NM.

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input checked="" type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Thompson Engineering proposes to temporarily abandon the Pictured Cliff zone by setting a retrievable bridge plug at approximately 1635'. The Basin Fruitland Coal will be perforated and foam fraced. If the completion in the Basin Fruitland Coal is successful, the bridge plug will be retrieved the the production will be commingled with the Pictured Cliffs. If the Fruitland Coal completion is not successful, the Fruitland perms will be squeezed with cement prior to retrieving the bridge plug. All activities will be confined to the existing wellsite.

RECEIVED
OCT 10 1996
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
96 OCT -3 PM 12:51
OTO FARMINGTON, NM

14. I hereby certify that the foregoing is true and correct

Signed Paul C. Thompson (Paul C. Thompson) Title President Date 10/1/96

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any: _____

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

C-104 For Plat (E)

NMOC

For

Ralph G. Abbott
3013 North 100 West
Provo, Utah 84604

July 27, 1995

RECEIVED
AUG - 9 1995

OIL CON. DIV.
DIST. 3

95 JUL 31 PM 1:42

C/O FARMINGTON, NM

Mr. Ken Townsend
United States Dept. of the Interior
Bureau of Land Management
1235 La Plata Highway

Reference: Certified letter dated July 19, 1995, #Z 382 112321 Well# Federal 3-11, Sec. 11, 28 N., 13 West, San Juan County New Mexico.

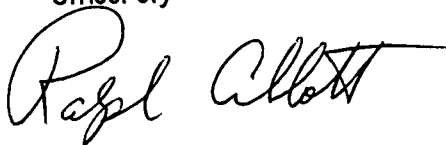
Dear Mr. Townsend:

This letter is in response to my conversation with Wayne Townsend on July 27, 1995. A compressor has been installed on the line and this well is capable of producing. We have a contract with Williams to take October gas.

As requested, I will submit a sundary notice with in five days of production.

Thank you for your consideration and help.

Sincerely



Ralph G. Abbott
Operator

MINERALS DIVISION	
ADM	<u>877</u>
I & E SPEC	_____
SOLIDS	_____
FLUIDS D & P	<u>275</u>
RES. MGMT.	_____
FLUIDS I & E	_____
EPS	_____
ALL SUPV.	_____
FILES	_____

BLM 7/27/95

THIS APPROVAL EXPIRES NOV 01 1996

Shut-in

APPROVED SM

AUG 07 1995

DISTRICT MANAGER

NMOC

District I
PO Box 1900, Hobbs, NM 88241-1900
District II
PO Drawer DD, Artesia, NM 88211-0719
District III
1000 Rio Bravo Rd., Aztec, NM 87410
District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

RECEIVED
5 DE 27 AM 8 52

Form C-104

Revised February 10, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address THOMPSON ENGR. & PROD. CORP. 7415 E. Main Farmington, New Mexico 87402		OGRID Number 037581
		Reason for Filing Code Chg in Operator
API Number 30-045-23291	Pool Name West Kutz PC	Pool Code 79680
Property Code 18115	Property Name Federal 11	Well Number 3

II. Surface Location

UL or lot no. I	Section 11	Township 28N	Range 13W	Lot Ida	Feet from the 1465	North/South Line South	Feet from the 1184	East/West Line East	County SJ
--------------------	---------------	-----------------	--------------	---------	-----------------------	---------------------------	-----------------------	------------------------	--------------

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
7									
Lee Code	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID 007057	Transporter Name and Address EL PASO NATURAL GAS CO. P.O. Box 4990 Farmington, N.M. 87499	POD 730	O/G G	POD ULSTR Location and Description

RECEIVED
DEC 19 1995

IV. Produced Water

POD 750	POD ULSTR Location and Description
------------	------------------------------------

OIL CON. DIV
DIST. 3

V. Well Completion Data

Spud Date	Ready Date	TD	PSTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Cog. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

I hereby certify that the rules 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: Paul C. Thompson Printed name: Paul C. Thompson Title: President Date: 12/18/95 Phone: 505 327-4892		OIL CONSERVATION DIVISION Approved by: 328 Title: SUPERVISOR DISTRICT #3 Approval Date: DEC 19 1995	
If this is a change of operator fill in the OGRID number and name of the previous operator OG 829 # 018729 Previous Operator Signature: Ralph Abbott Printed Name: RALPH ABBOTT		Owner: 12/14/95 Title: Date:	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Budget Bureau No. 1004-113
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL
NM NM 0338690

6. IF INDIAN ALLOTTEE OR TRIBE OR
CONSENT
RECEIVED

UNIT AGREEMENT NAME
95 DE 15 NM 8 52

8. FARM OR LEASE NAME
Federal //

9. WELL NO.
3-11

10. FIELD AND POOL, OR WILDCAT
West Kutz

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

12. COUNTY OR PARISH 13. STATE
San Juan N.MEX.

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—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR
Ralph G. Abbott

3. ADDRESS OF OPERATOR
3013 North 100 West Provo, Utah 84604

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
Federal #300452329100S1 NESE Sec. 11 28N. R 13 W
79680 West Kutz Pictured Cliffs, West (Gas) Federal 11
ID 00008 Well # 3 I, 11, 28N, 13W, API #30-045-23291

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5896 GL

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
(Other) ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
ABANDON* ☐
CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐
FRACTURE TREATMENT ☐
SHOOTING OR ACIDIZING ☐
(Other) ☐
REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Well produced two days in September 95 27 MCF

Well has produced 20 days in Oct. 95 1333 MCF

The Well is averaging about 70 MCF per day

RECEIVED
DEC 11 1995

DEC 11 1995

RECEIVED
BULM MAIL ROOM
95 DEC -4 PM 3:25
070 FARMINGTON, NM

18. I hereby certify that the foregoing is true and correct

SIGNED Ralph G. Abbott
(This space for Federal or State office use)

TITLE Operator

DATE 11-17-95

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

ACCEPTED FOR RECORD

DEC 05 1995

FARMINGTON DISTRICT OFFICE

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bar Code No. 1004-0
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL
NM NM 0338690
6. IF INDIAN, ALLOTTEE OR TRIBE NAME

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-" for such proposals.)

95 DE 4 AM 8 52

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Ralph G. Abbott	8. FARM OR LEASE NAME Federal 11 #3
3. ADDRESS OF OPERATOR 3013 North 100 West Provo, Utah 84604	9. WELL NO. 3-11
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface Federal #300452329100S1 NESE Sec. 11, 28N, 13W. 79680 West Kutz Pictured Cliffs, West (Gas) Federal 11 ID 000008 Well # 3 I, 11, 28N, 13W, API # 30-045-23291	10. FIELD AND POOL, OR WILDCAT West Kutz
11. SEC., T., E., M., OR BLE. AND SURVEY OR AREA F 11-28N 13W	12. COUNTY OR PARISH San Juan
13. STATE New Mexico	

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
FRACTURE TREAT ☐ MULTIPLE COMPLETE ☐
SHOOT OR ACIDIZE ☐ ABANDON* ☐
REPAIR WELL ☐ CHANGE PLANS ☐
(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ REPAIRING WELL ☒
FRACTURE TREATMENT ☐ ALTERING CASING ☐
SHOOTING OR ACIDIZING ☐ ABANDONMENT* ☐
(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PLANNED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Well has been shut in. The well would not produce due to high line pressure. A compressor has been installed on the pipeline. The meter was checked by El Paso Natural Gas, Miner repairs have been completed on the well. The well will be produced as indicated in my letter to the Farmington office of the B.L.M. in the first or second week of September 1995.

RECEIVED
NOV 2 1995
OIL & GAS DIVISION
FARMINGTON, NM

RECEIVED
BIM MAIL ROOM
95 NOV 27 PM 1:16
FARMINGTON, NM

Second Submittal 11-21-95

18. I hereby certify that the foregoing is true and correct

SIGNED Ralph G. Abbott TITLE Operator

DATE July 31 1995

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NOV 27 1995

*See Instructions on Reverse Side
NMOCD

FARMINGTON DISTRICT OFFICE

NO. OF COPIES RECEIVED		4
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	1
OPERATOR		1
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-111
Effective 1-1-65

Corrected

Operator

Ralph G. Abbott

Address

207 E. Nambe, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well



Change in Transporter of:

Recompletion



Oil



Dry Gas



Change in Ownership



Casinghead Gas



Condensate



Other (Please explain) *Use name from Fast Federal #1*

If change of ownership give name and address of previous owner

Fast Enterprises

DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal //	3-11	West Kutz Pictured Cliffs	State, Federal or Fee	FED. NM-0338690
Location				
Unit Letter		1465 Feet From The	South Line and	1184 Feet From The East
Line of Section	11	Township 28 North	Range 13 West	NMPM, San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil	or Condensate	Address (Give address to which approved copy of this form is to be sent)
Name of Authorized Transporter of Casinghead Gas	or Dry Gas	Address (Give address to which approved copy of this form is to be sent)
El Paso Natural Gas Co.		Box 990 Farmington, New Mex 87401
If well produces oil or liquids, give location of tanks.	Unit	Sec.
	Twp.	Pge.
		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 Resrv.	Diff. Resrv.
		XX	XX					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
12-31-78	5-15-79	1826'	1804'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
5896 GL.	Pictured Cliffs	1641'						
Perforations	Depth Casing Shoe							

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
8 3/4"	5 1/2"	40	10
4 5/8"	2 7/8"	1804	165

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 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 WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF
547	3 Hr.	0
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)
Flowing	191	191

CERTIFICATE OF COMPLIANCE

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

Ralph Abbott
(Signature)

Owner & Operator
(Title)

7-23-79
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 23 1979, 19

BY Original Signed by A. R. Kendrick

TITLE SUPERVISOR DISTRICT # 3

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

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply

NO. OF COPIES RECEIVED	4
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRORATION OFFICE	

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-105
Effective 1-1-65

Corrected

I. Operator
Ralph G. Abbott

Address
207 E. Nambe, Farmington, New Mexico 87401

Reason(s) for filing (Check proper box)

New Well ☒ Change in Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change in Ownership ☒ Casinghead Gas ☐ Condensate ☐

Other (Please explain)

If change of ownership give name
and address of previous owner

Fast Enterprises

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Federal 11	3-11	West Kutz Pictured Cliffs	Federal or Fee	FED. NM-0338690
Location				
Unit Letter	1465	Feet From The	South	Line and 1184
				Feet From The East
Line of Section	11	Township	28 North	Range 13 West
				NMPM, San Juan
				County

III. 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.	Box 990 Farmington, New Mex 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:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX	XX					
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
12-31-78	5-15-79	1826'	1804'					
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth					
5896 GL.	Pictured Cliffs	1641'						
Perforations	Depth Casing Shoe							
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
8 3/4"	5 1/2"	40	10					
4 5/8"	2 7/8"	1804	165					

V. 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 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 WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
547	3 Hr.	0	
Testing Method (pitot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke
Flowing	191	191	3 3/4"

VI. CERTIFICATE OF COMPLIANCE

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

Ralph Abbott
(Signature)

Owner & Operator
(Title)

7-23-79
(Date)

OIL CONSERVATION COMMISSION

APPROVED JUL 23 1979
BY Original Signed by A. R. Kendrick
SUPERVISOR DISTRICT # 8

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

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiple

NO. OF COPIES RECEIVED		7
DISTRIBUTION		
SANTA FE		1
FILE		1
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	1
OPERATOR		4
PRORATION OFFICE		

NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

I. Operator
Ralph G. Abbott
Address
207 E. Nambe, Farmington, New Mexico 87401
Reason(s) for filing (Check proper box)
New Well ☒ Change In Transporter of:
Recompletion ☐ Oil ☐ Dry Gas ☐
Change In Ownership ☐ Casinghead Gas ☐ Condensate ☐
Other (Please explain)

If change of ownership give name
and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Federal //	3-11	West Kutz Pictured Cliffs	State, Federal or Fee	FED. NM-0338690
Location				
Unit Letter	1465	Feet From The	South	Line and 1184 Feet From The East
Line of Section	11	Township	28 North	Range 13 West, NMPM, San Juan County

III. 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.	Box 990 Farmington, New Mex 87401	
If well produces oil or liquids, give location of tanks.	Unit	Sec. Twp. Pge.
		Is gas actually connected? When

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX	XX					
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
12-31-78	5-15-79		1826'		1804'			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
5896 GL.	Pictured Cliffs		1641'					
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
8 3/4"	5 1/2"		40		10			
4 5/8"	2 7/8"		1804		165			

V. 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 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/MMCF	Grav. of Condensate
547	3 Hr.	0	DIST. 3
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size
Flowing	191	191	3/4"

VI. CERTIFICATE OF COMPLIANCE

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

Ralph Abbott
(Signature)
Owner & Operator
(Title)
7-23-79
(Date)

OIL CONSERVATION COMMISSION
JUL 23 1979
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 deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other <input type="checkbox"/>		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. LESVR. <input type="checkbox"/>	Other <input type="checkbox"/>
2. NAME OF OPERATOR RALPH C. ABBOTT							
3. ADDRESS OF OPERATOR 207 E. Nambé Farmington, N.M. 87401							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements): At surface 1465'FSL 1184'FEL At top prod. interval reported below same At total depth							
14. PERMIT NO. DATE ISSUED							
15. DATE SPUDDED 12-31-78	16. DATE T.D. REACHED 4-30-79	17. DATE COMPL. (Ready to prod.) 5-15-79	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5896 GL		19. ELEV. CASINGHEAD 5897		
20. TOTAL DEPTH, MD & TVD 1826	21. PLUG, BACK T.D., MD & TVD 1804	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY Rotary	ROTARY TOOLS	CABLE TOOLS		
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1641-1655				25. WAS DIRECTIONAL SURVEY MADE yes			
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-Ind-Density				27. WAS WELL CORED no			
28. CASING RECORD (Report all strings set in well)							
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD		AMOUNT PULLED	
5-1/2	14	40	8-3/4	10 165 SX			
2-7/8	6.5	1804	4-5/8	165 10 SX		none	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)			
30. TUBING RECORD							
SIZE	DEPTH SET (MD)	PACKER SET (MD)					
	none						
31. PERFORATION RECORD (Interval, size and number) 1641-1655 2 p/ft				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 1641-55 AMOUNT AND KIND OF MATERIAL USED Frac w/15,000 lbs sd 1500 gals foam 100 wt			
33.* PRODUCTION							
DATE FIRST PRODUCTION May 15, 1979		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing			WELL STATUS (Producing or shut-in) shut-in - awaiting pip		
DATE OF TEST 5-15-79	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →	
FLOW. TUBING PRESS. 34 psi	CASING PRESSURE 7-day 191 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. 0	GAS—MCF. 547	WATER—BBL. 0	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented				TEST WITNESSED BY H. E. McAnally			
35. LIST OF ATTACHMENTS log							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Ralph Abbott		TITLE Operator		DATE May 16, 1979			

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.) forms, tion and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form; see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Pictured Cliffs	1638	1660	Gas Sand

38.

GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Fruitland	1232	1232
Pictured Cliffs	1638	1638
Lewis	1792	1792

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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

NOTICE OF GAS CONNECTION

DATE August 1, 1979

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

GAS FROM Ralph Abbott

Operator

Federal 11 #3

Well Name

90-624-01

Meter Code

17282

Site Code

I

Well Unit

11-28-13

S-T-R

West Kutz Pictured Cliffs

Pool

El Paso Natural Gas Company

Name of Purchaser

WAS MADE ON July 25, 1979,
DateFIRST DELIVERY July 25, 1979
DateAOF 581CHOKE 547El Paso Natural Gas Company

Purchaser

Representative

Chief Dispatcher

Title

cc: Operator
Oil Conservation Commission - 2
Proration - El Paso

File

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 5-15-79	
Company Ralph Abbott				Connection El Paso Natural Gas Company			
Pool West Kutz				Formation Pictured Cliffs		Unit Federal II	
Completion Date 5-8-69		Total Depth 1826		Plug Back TD 1804		Elevation 5896' GL	
Csg. Size 2.875		Wt. 6.4#		Set At 2.441		Perforations: From 1641 To 1655	
Tbg. Size		Wt.		Set At		Perforations: From To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single						Packor Set At	
Producing Thru Casing		Reservoir Temp. °F 8		Mean Annual Temp. °F		Baro. Press. - P _a 12	
L 1641		H		Cg 0.650		% CO ₂ 0	
				% N ₂ 0		% H ₂ S 0	
				Prover		Meter Run	
						Taps	
FLOW DATA				TUBING DATA		CASING DATA	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Duration of Flow
1.	2"		0.750			63	3 Hours
2.							
3.							
4.							
5.							
RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1.	12.365		46	0.9971	0.9608	1.004	547
2.							
3.							
4.							
5.							
NO.	P _t	Temp. °R	T _t	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.		
1.					A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.		
2.					Specific Gravity Separator Gas _____ X X X X X X X X		
3.					Specific Gravity Flowing Fluid _____ X X X X X		
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.		
5.					Critical Temperature _____ °R _____ °R		
P _c 203 P _c ² 41209					$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.0732$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0618$		
NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	$AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 581$		
1.		53	2809				
2.							
3.							
4.							
5.							
Absolute Open Flow 581					Mcf @ 15.025		Slope, n 0.85
Remarks:							
Approved By Commission		Conducted By Ralph Abbott		Calculated By H. E. McAnally		Checked By	

9-331
1963)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

NM 0338690

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fast Federal

9. WELL NO.

3-11

10. FIELD AND POOL, OR WILDCAT

West Kutz Pictured Cliffs

11. SEC. T. R., M., OR BLK. AND
SURVEY OR AREA

Sec. 11 T-28N, R-13W, NMF

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

1.

OIL ☐ GAS ☒
WELL WELL OTHER

2. NAME OF OPERATOR

Fast Enterprises

3. ADDRESS OF OPERATOR

501 Airport dr. Suite 110, Farmington, New Mexico 87401

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

See also space 17 below.)

At surface

1465 fsl, 1184, fel L Sec. 11, T-28N, R-13W, NMPM

14. PERMIT NO.

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

5896 GL.

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

Set & Cement Surface pipe

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

December 30, 1978

Drilled 8 3/4" hole to 40'

Ran 34' of 5 1/2" 15.50# casing

Cemented with 10 sacks of cement.

January 4, 1979

Drilled out of surface with 4 3/4" hole

JAN 11 1979

CONSERVATION DIST. 3
Santa Fe

JAN 5 1979
JUL 31 1979
DIST. 3

18. I hereby certify that the foregoing is true and correct.

SIGNED

TITLE

Owner

DATE

Jan, 5 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

JAN 5 1979

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☒MULTIPLE
ZONE ☐

2. NAME OF OPERATOR

Fast Enterprises

3. ADDRESS OF OPERATOR

501 Airport dr. Suite 110, Farmington, New Mexico 87401

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

At surface

1465' fsl. 1184' fel Sec. 11 T-28N, R-13W,

At proposed prod. zone

Same

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

5 miles south of Farmington, New Mexico 87401

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1184

16. NO. OF ACRES IN LEASE

275.36

17. NO. OF ACRES ASSIGNED
TO THIS WELL

137.78

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

1062'

19. PROPOSED DEPTH

1610'

20. ROTARY OR CABLE TOOLS

Rotary

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

5896' G.L.

22. APPROX. DATE WORK WILL START*

Dec. 11, 1978

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
6 3/4"	5 1/2"		90'	20 Sks.
4 1/4"	2 7/8"		1610'	75 Sks.

Set Surface & cement wait 24 hours.

Drill out of surface with 4 1/4" hole with water to 1610'.

The well be drilled and completed with a Schaefer double ram blowout
preventer in operation out from under surface at 90'.

FORMATION TOPS

Depth

Thickness

Fluids

Nacimiento

Surface

390

Ojo Alamo

390

110

Kirtland

500

585

Fruitland

1085

283

Pictured Cliffs

1368

225

Water

Gas & Water

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, 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.

SIGNED

Ralph Abbott

TITLE

AGENT

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ok End

a

Write New

30-045-23291

5. LEASE DESIGNATION AND SERIAL NO.

0338690

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Fast Federal 11

9. WELL NO.

10. FIELD AND POOL, OR WILDCAT

West Kutz Pictured Cliffs

11. SEC., T., R., M., OR BLK.
AND SURVEY OR AREA

Sec. 11 T-28N, R-13W, NMPL

12. COUNTY OR PARISH

13. STATE

San Juan

New Mexico

RECEIVED
NOV 30 1978

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.

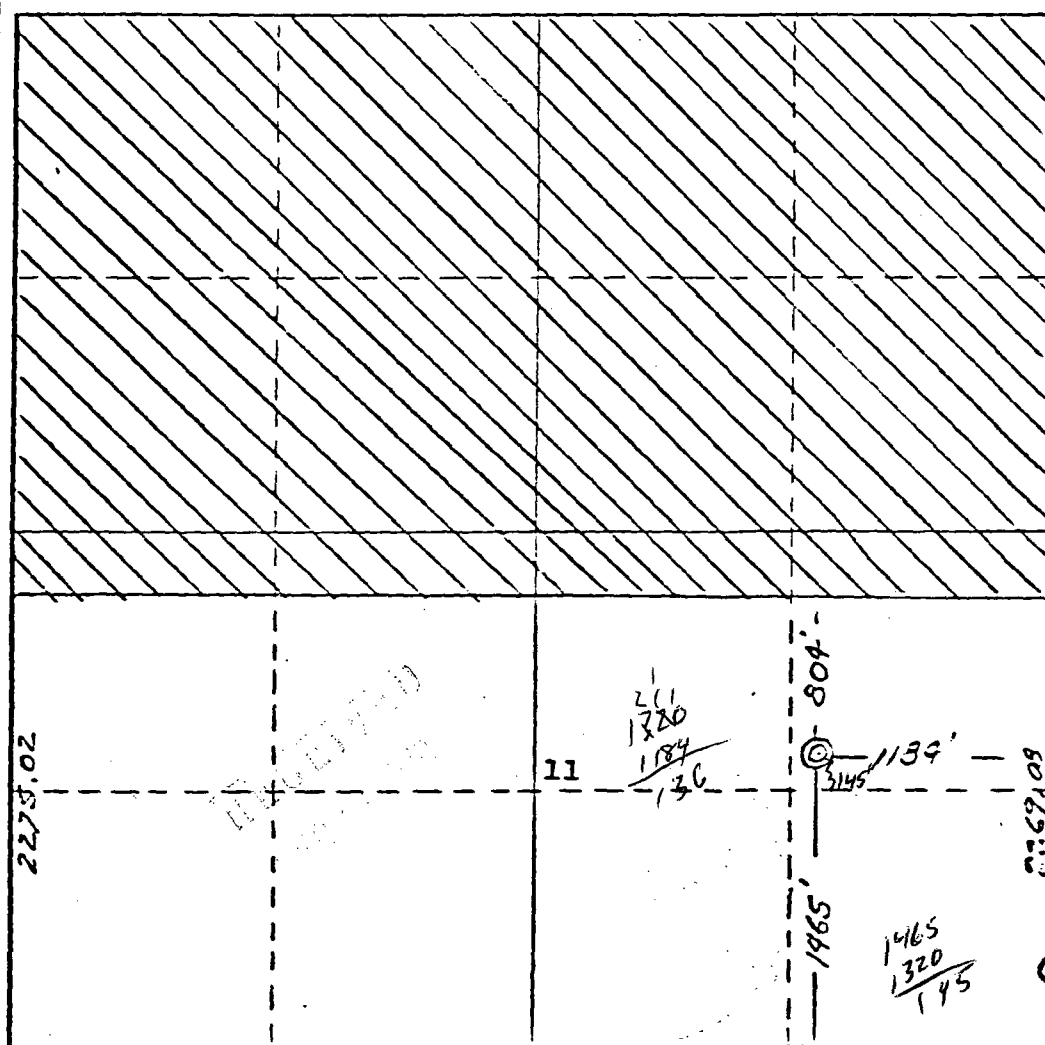
Operator FAST ENTERPRIZES, INC.		Lease FAST FEDERAL 11		Well No. 34
Unit Letter I	Section 11	Township 28 NORTH	Range 13 WEST	County SAN JUAN
Actual Footage Location of Well: 1465 feet from the SOUTH line and 1184 feet from the EAST line				
Ground Level Elev. 5896	Producing Formation Pictured Cliff	Pool WEST KUTZ	Dedicated Acreage: 137.78 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.

Robert Abbott
Name

Operator

Position

Company

Fast Enterprizes, Inc.

Date

11-28-78

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

20 November 1978

Registered Professional Engineer and Land Surveyor

James P. Lease
James P. Lease

Certificate No.

1463

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/20/96 07:27:55
OGOMES -EMFG
PAGE NO: 2

Sec : 11 Twp : 28N Rng : 13W Section Type : NORMAL

4 28.76 Federal owned U	3 28.82 Federal owned U	2 28.86 Federal owned U	1 28.92 Federal owned U A
M 40.00 Federal owned U	N 40.00 Federal owned U A	O 40.00 Federal owned U	P 40.00 Federal owned U

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06
PF07 BKWD PF08 FWD PF09 PRINT PF10 SDIV PF11 PF12

68.76

68.82
68.76
137.58

68.86
68.92
137.78
137.58
275.36

68.92

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

11/20/96 07:28:36
OGOMES -EMFG

API Well No : 30 45 23291 Eff Date : 12-01-1995 WC Status : A
Pool Idn : 79680 KUTZ PICTURED CLIFFS, WEST (GAS)
OGRID Idn : 37581 THOMPSON ENGR & PROD CORP
Prop Idn : 18115 FEDERAL 11

Well No : 003
GL Elevation: 99999

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
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B.H. Locn	: 1	11	28N	13W	FTG 999 F S	FTG 999 F E	P
Lot Identifier:							
Dedicated Acre: 160.00							
Lease Type : F							
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

NSL - thom

NSP-1678

NSL-AMOL.1