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W. Thomas Kellahin
Karen Aubrey

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Santa Fe, New Mexico 87504-2265

Telephone 982-4285
Area Code 505

October 30, 1985

Mr. Richard L. Stamets
Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

RECEIVED
OCT 31 1985
OIL CONSERVATION DIVISION

"Hand Delivered"

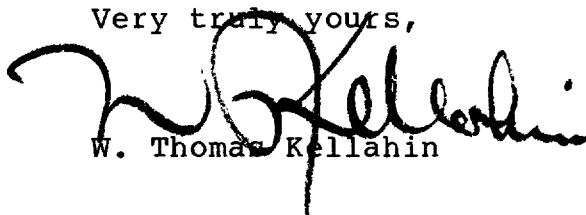
Re: Bradley H. & Margaret N. Keyes, Trustee
Ransom #1 and Ransom #1-M Wells
Downhole and Surface Commingling

Case 8776

Dear Mr. Stamets:

On behalf of the Bradeley H. and Margaret N. Keyes, Trustee, please set the enclosed application for hearing at the next available examiner hearing now set for November 21, 1985.

Very truly yours,



W. Thomas Kellahin

WTK:ca
Enc.

cc: A. R. Kendrick
Box 516
Aztec, New Mexico 87410

Mr. Ed Hartman
Box 36990
Albuquerque, New Mexico 87176

A. R. "AL" KENDRICK

Box 516 • Aztec, New Mexico 87410 • (505) 334-2555

November 4, 1985

Oil Conservation Division
Box 2088
Santa fe, New Mexico 87504-2088

Case 8776

Re: Application for an Unorthodox Location
Bradley H. and Margaret N. Keyes, Trustees
Ransom #1M, 1240' FSL 2435' FEL
O-13-T29N-R11W, San Juan County
Bloomfield Farmington Oil Pool

Gentlemen:

On behalf of Bradley H. and Margaret N. Keyes, Trustees, we hereby request an unorthodox location for their Ransom #1M well drilled 1240 feet from the south line and 2435 feet from the east line of section 13, T29N, R11W, San Juan County, due to topographical conditions.

The well has been completed in the Fruitland and Farmington formations.

The location of the Fruitland completion was approved by Administrative Order NSL-1299 due to topographical conditions.

The same topographical conditions exist for the Farmington formation completion.

The operator of the only offset well has been notified of this application by certified mail.

If further information is needed, please contact me.

Yours very truly,

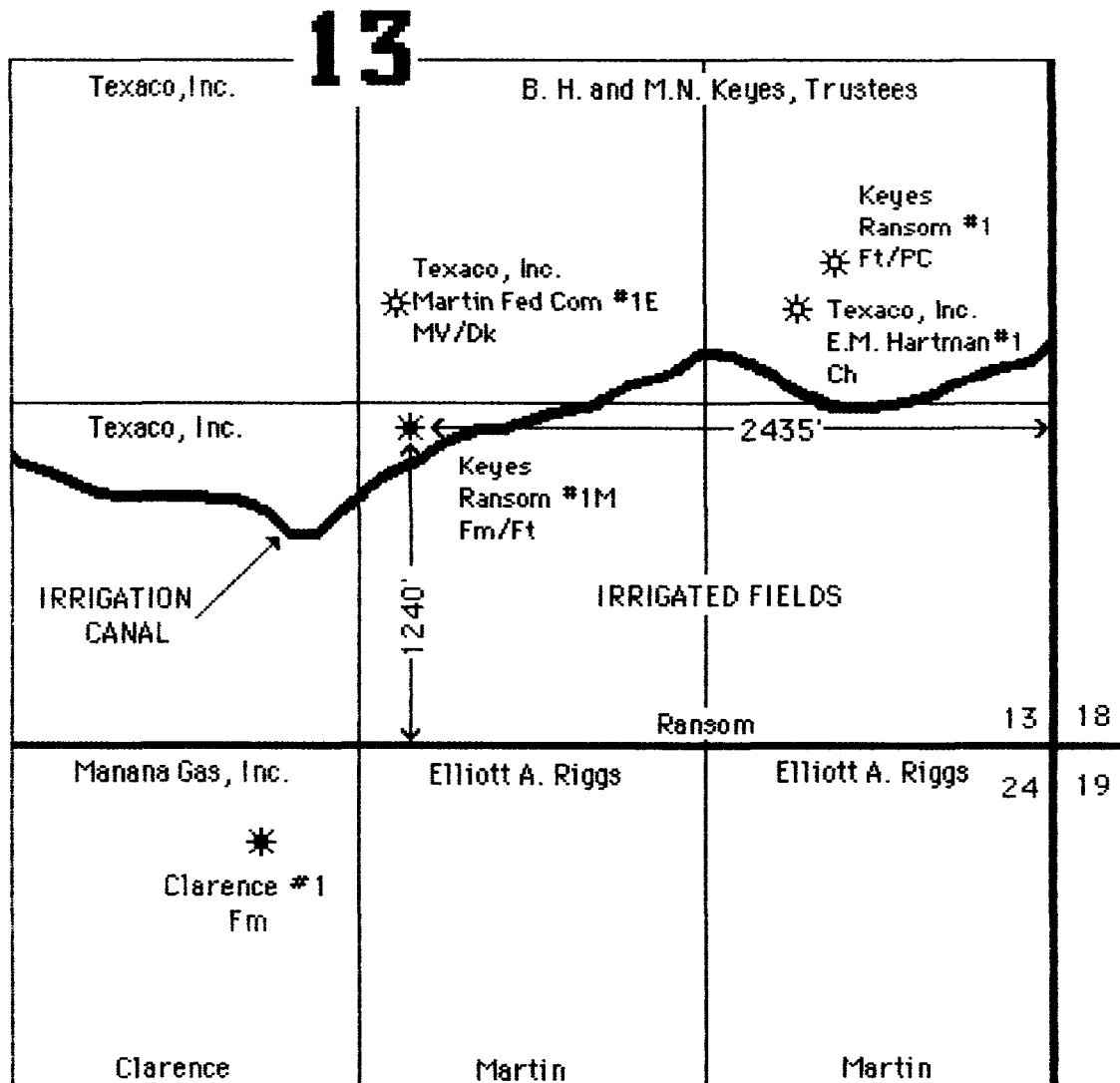


A. R. Kendrick

Enclosure

xc: Manana Gas, Inc., Box 36990, Albuquerque, NM 87167 — by CERTIFIED MAIL
Bradley H. and Margaret N. Keyes, Trustees, 103 N. Main, Aztec, NM 87410
Oil Conservation Division, 1000 Rio Brazos Road, Aztec, NM 87410

**OWNERSHIP & TOPOGRAPHIC PLAT
SURROUNDING SW/4SE/4 13-T29N-R11W**



LEGEND:

- Fm = Farmington Completion
- Ft = Fruitland Completion
- PC = Pictured Cliffs Completion
- Ch = Chacra Completion
- MV = Mesaverde Completion
- Dk = Dakota Completion

DATA SHEET

Operator: Bradley H. and Margaret N. Keyes, Trustees
Well: Ransom #1M
Location: 1240' FSL 2435' FEL 13-T29N-R11W
Pools: (Shallow) Bloomfield Farmington Oil Pool
(Deep) Aztec Fruitland Gas Pool
County: San Juan

Perfs: Farmington 896 to 906 (20 holes) & 1128 to 1141 (26 holes)
Fruitland 1615 to 1627 (24 holes)
TOTAL 70 holes

Tops: Kirtland 508'
Fruitland 1510'
Pictured Cliffs 1890'

I.P. Test Date = 9/20/85
SICP = 368 psig /8 days
SITP = 368 psig /8 days
Choke = 0.75"
Q = 263 Mcfpd
ADF = 288 Mcfpd

Proposed production split:

Farmington: $46 \div 70 = .6571$ use 65%
Fruitland: $24 \div 70 = .3429$ use 35%



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
OIL CONSERVATION DIVISION

December 16, 1980

BRUCE KING
GOVERNOR
LARRY KEHOE
SECRETARY

POST OFFICE BOX 2088
STATE LAND OFFICE BUILDING
SANTA FE, NEW MEXICO 87501
(505) 827-2434

Manana Gas, Inc.
P. O. Box 145
Farmington, New Mexico 87401

Attention: Mr. A. R. Kendrick

Administrative Order NSL-1299

Gentlemen:

Reference is made to your application for a non-standard location for your Ransom Well No. 1-M to be located 1240 feet from the South line and 2435 feet from the East line of Section 13, Township 29 North, Range 11 West, NMPM, Aztec Fruitland and Aztec Pictured Cliffs Pools, San Juan County, New Mexico.

By authority granted me under the provisions of Rule 104 F of the Division Rules and Regulations, the above-described unorthodox location is hereby approved.

Sincerely,

JOE D. RAMEY,
Director

JDR/RLS/dr

cc: Oil Conservation Division - Aztec
Oil & Gas Engineering Committee - Hobbs




Schlumberger

COMPENSATED NEUTRON
FORMATION DENSITY

COUNTY <u>SAN JUAN, N.M.</u>		COMPANY <u>MANANA GAS, INC.</u>	
FIELD <u>AZTEC PICTURE CLIFFS</u>		WELL <u>RANSOM #1M</u>	
LOCATION <u>RAISON #1M</u>		FIELD <u>AZTEC PICTURE CLIFFS</u>	
WELL <u>RAISON #1M</u>		COUNTY <u>SAN JUAN STATE</u> <u>NEW MEXICO</u>	
COMPANY <u>MANANA GAS, INC.</u>		LOCATION <u>1240' FSL & 2435' FEL, SCUSE</u>	
API SERIAL NO <u>13</u>		Other Services <u>I-SFL</u>	
TWP <u>29-N</u>		RANGE <u>11-W</u>	
Permanent Datum: G.L. <u>5581</u>		Elev.: K.B. <u>5586</u>	
Log Measured From G.L. <u>5585</u>		D.F. <u>5585</u>	
Drilling Measured From G.L. <u>5581</u>		G.L. <u>5581</u>	
Date	<u>12-8-80</u>		
Run No.	<u>ONE</u>		
Depth-Driller	<u>1940</u>		
Depth-Logger	<u>1931</u>		
Shv. Log Interval	<u>1928</u>		
Top Log Interval	<u>122</u>		
Casing-Driller	<u>7.5/BQ 120</u>	@	@
Casing-Logger	<u>122</u>		
Bit Size	<u>5 1/2</u>		
Type Fluid in Hole	<u>FRESH WATER</u>		
Done			
Visc.			
Fluid Loss			
Source of Sample	<u>FLOW LINE</u>		
Rm @ Meas. Temp.	<u>40.4 @ 50 F</u>	@	@
Rmf @ Meas. Temp.	<u>@ F</u>	@	@
Rmc @ Meas. Temp.	<u>@ F</u>	@	@
Source: Rmf	<u>Rmc</u>		
Rm @ BHT	<u>22.4 @ 90 F</u>	@	@
Circulation Stopped	<u>0400</u>		
Logger on Bottom	<u>0500</u>		
Meas. Rec. Temp.	<u>90</u>	F	F
Equip. Location	<u>8206 FARM</u>		
Recorded By	<u>JOHNSON</u>		
Witnessed By	<u>KENDRICK</u>		

The well name, location and borehole reference data were furnished by the customer.

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Petroleum Information. RECEIVED JAN 21 1981
Midland, Texas 79701

REFERENCE K 7545Y 
12 COMPLETION RECORD

SPUD DATE	
COMP DATE	
DST RECORD	
API NO.	<u>20-065-26650</u>

Schlumberger

COUNTY: SAN JUAN, N.M. FIELD: AZTEC PICTURE CLIFFS LOCATION: RANSOM 91M WELL: RANSOM 91M COMPANY: MAMANA GAS, INC.	COMPANY MAMANA GAS, INC.	
	WELL RANSOM 91M	
	FIELD AZTEC PICTURE CLIFFS	
	COUNTY SAN JUAN STATE NEW MEXICO	
LOCATION 1250' PSL E 2435' FEL. 30-045-24650 SWSE		Other Services: CNL/FDC
API SERIAL NO. 11	DEC 28-N	RANGE 11-W
Permanent Datum: G.L. ; Elev.: 5581		Elev.: K.B. 5585
Log Measured From: G.L. Ft. Above Perm. Datum		D.F. 5585
Drilling Measured From: G.L.		G.L. 5581
Date	12-8-80	
Run No.	ONE	
Depth-Driller	1948	
Depth-Logger (Sch.)	1938	
Sh. Log Interval	1936	
Top Log Interval	122	
Casing-Driller	7 5/8 @ 120	@ @ @
Casing-Logger	122	
Bit Size	5 1/2	
Type Fluid in Hole	FRESH WATER	
Dens. Visc.		
pH	Fluid Loss	ml ml ml ml
Source of Sample	FLOWLINE	
Run @ Meas. Temp.	404 @ 50 °F	@ °F @ °F @ °F
Rec @ Meas. Temp.	@ °F	@ °F @ °F @ °F
Source: Run Rec		
Run @ Bit	225 @ 90 °F	@ °F @ °F @ °F
Circulation Stopped	0500	
Logger on Bottom	0700	
Max. Rec. Temp.	96	°F °F °F °F
Equip. Location	8286 FARM	
Recorded By	JOHNSON	

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 Petroleum Information.
 HOUSTON, TEXAS 77001

RECEIVED JAN 21 1981

REFERENCE K 7545X



9 COMPLETION RECORD

SPUD DATE

COMP DATE

DST RECORD

API NO. 30-045-24650

CASING RECORD

A. R. "AL" KENDRICK

BOX 516 • AZTEC, NEW MEXICO 87410 • (505) 334-0255

December 6, 1985

Oil Conservation Division
Box 2088
Santa Fe, New Mexico 87504-2088

Attention: Mr. David Catanach
Examiner


Re: Case No. 8776 — December 4, 1985

Dear Mr. Catanach:

Enclosed as requested are copies of the Induction Spherically Focused and Compensated Neutron Density Logs with the perforated intervals marked for the Ransom #1M well. All perforations are two shots per foot.

If further information is needed, please contact me.

Yours very truly,


A. R. Kendrick

Enclosures

xc: Mr. Thomas Kellahin
P. O. Box 2265
Santa Fe, New Mexico 87504-2265

Mr. Frank Chavez
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410



STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT
 OIL CONSERVATION DIVISION

TONEY ANAYA
 GOVERNOR

January 17, 1986

POST OFFICE BOX 2088
 STATE LAND OFFICE BUILDING
 SANTA FE, NEW MEXICO 87501
 (505) 827-5800

Mr. Thomas Kellahin
 Kellahin & Kellahin
 Attorneys at Law
 Post Office Box 2265
 Santa Fe, New Mexico

Re: CASE NO. 8776
 ORDER NO. R-8134

Applicant:

Bradley H. and Margaret N. Keyes,
Trustees

Dear Sir:

Enclosed herewith are two copies of the above-referenced Division order recently entered in the subject case.

Sincerely,

R. L. STAMETS
 Director

RLS/fd

Copy of order also sent to:

Hobbs OCD x
 Artesia OCD x
 Aztec OCD x

Other _____



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

TONEY ANAYA
 GOVERNOR

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

February 3, 1986

Case 8776

Mr. A.R. Kendrick
 P.O. Box 516
 Aztec, NM 87410

Re: B.H. and M.N. Keys
 Ransom #1M O-13-29N-11W

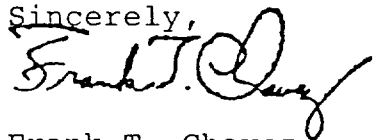


Dear Al:

Your recommended allocation of commingled production to the referenced well is hereby approved as follows:

	<u>Gas</u>
Farmington	63%
Fruitland	37%

If the well makes any hydrocarbon liquids, an allocation will be required.

Sincerely,


Frank T. Chavez
 District Supervisor

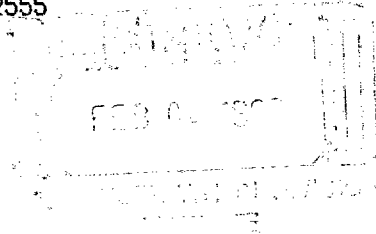
FTC/dj

xc: Santa Fe
 Well File
 Operator File

A. R. KENDRICK

BOX 516 • AZTEC, NEW MEXICO • (505) 334-2555

January 31, 1986



Catanach

Mr. Frank Chavez
Oil Conservation Division
1000 Rio Brazos Road
Aztec, New Mexico 87410

Case 8776

Re: Order R-8134, Downhole Commingling
B. H. and M. N. Keyes, Trustees
Ransom #1M
O-13-T29N-R11W

Dear Mr. Chavez:

Rule 3 of the subject order requires that a new approach to the production allocation percentages be established.

After reviewing the production history of the nearest offset wells in the Farmington and Fruitland formations to the subject well, please revise our request for production percentages from 65% for the Farmington formation and 35% for the Fruitland formation to the following:

Farmington formation	63%
Fruitland formation	37%

These percentages will be for gas production. The well does not produce any oil or condensate.

If further information is needed, please contact me.

Yours very truly,

A. R. Kendrick

xc: B. H. and M. N. Keyes, Trustees
103 North Main
Aztec, New Mexico 87410

Oil Conservation Division
Box 2088
Santa Fe, New Mexico 87504-2088

Manana Gas, Inc.
Box 36990
Albuquerque, New Mexico 87176