

AE Order Number Banner

Report Description

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App Number: pDD00000132002

DD - 13

MANANA GAS INC

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION



April 6, 1987

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

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

Attention: Ed Hartman

ADMINISTRATIVE ORDER DD-13

Gentlemen:

Under the provisions of Rule 111 (C) and (D), Manana Gas, Inc. made application to the New Mexico Oil Conservation Division on February 24, 1987, for permission to directionally drill and complete for Basin Dakota Pool production in the W/2 of Section 22, Townxship 29 North, Range 11 West, NMPM, San Juan County, New Mexico.

The Division Director Finds That:

- (1) The application has been duly filed under the provisions of Rule 111 of the Division General Rules and Regulations;
- (2) Satisfactory information has been provided that all offset operators have been duly notified;
- (3) The applicant, Manana Gas, Inc., proposes to directional drill their Cook Well No. 1-E, the surface location to be 235 feet from the North line and 368 feet from the West line of Section 22, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico.
- (4) The applicant seeks to directionally drill said well in such a manner as to penetrate at a standard gas well location for said pool in the NW/4 NW/4 of said Section 22.
- (5) The subject well is an infill well to the applicant's Cook Well No. 1 located in the SE/4 SW/4 of said Section 22.

- (6) The W/2 of Section 22 should therefore be dedicated to both wells.
- (7) The applicant should be required to determine the subsurface location of the bottom of the hole by means of a continuous multi-shot directional survey conducted subsequent to said directional drilling, if said well is to be completed as a producing well.
- (8) Approval of the subject application will prevent the drilling of unnecessary wells, avoid the augmentation of risk arising from the drilling of an excessive number of wells, and otherwise prevent waste and protect correlative rights.

IT IS THEREFORE ORDERED THAT:

(1) The applicant, Manana Gas, Inc., is hereby authorized to directionally drill its Cook Well No. 1-E from a surface location 235 feet from the North line and 368 feet from the West line of Section 22, Township 29 North, Range 11 West, NMPM, San Juan County, New Mexico, in such a manner as to penetrate at a standard gas well location for said pool in the NW/4 NW/4 of said Section 22.

PROVIDED HOWEVER, that prior to the above-described directional drilling, the applicant shall establish the location of the kick-off point by conducting a continuous multi-shot directional survey of the well.

PROVIDED FURTHER, that subsequent to the above-described directional drilling, should said well be a producer, a continuous multi-shot directional survey shall be made of the wellbore from total depth to the kick-off point with shot points not more than 100 feet apart; that the operator shall cause the surveying company to forward a copy of the survey report directly to the Santa Fe office of the Division, P. O. Box 2088, Santa Fe, New Mexico 87504, and the operator shall notify the Division's Aztec District Office of the date and time said survey is to be commenced.

- (2) Form C-105 shall be filed in accordance with Division Rule 1105 and the operator shall indicate thereon true vertical depth in addition to measured depths.
- (3) The W/2 of said Section 22 shall be dedicated to the subject well and to the applicant's Cook Well No. 1 located in the SE/4 SW/4 of said Section 22.
- (4) Jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION DIVENSION

WILLIAM J. LEMAY Director

S E A L

cc: OCD - Aztec

Manana Gas, Inc. P.O. BOX 36990 ALBUQUERQUE, NEW MEXICO 87176

ED HARTMAN, PRES.

TELE: (505) 884-4863 (505) 884-0814

February 23, 1987

Oil Conservation Division P.O. Box 2088
Santa Fe, New Mexico 87501



Re: Application to directionally drill the Manana Gas, Inc. - Cook #1-E Dakota Well with surface hole at 235' FNL and 368' FWL and bottom hole at standard location of 790' FNL and 790' FWL D-22-29N-11W, San Juan County, New Mexico

Gentlemen:

Application is hereby made for administrative approval to directionally drill our proposed Cook #1-E for completion in the Dakota formation. The proposed hole will be 235' FNL and 368' FWL of Section 22-29N-11W at the surface but by directional drilling methods will penetrate the Dakota formation at a standard location of 790' FNL and 790' FWL. Our contract with the drilling contractor will provide that the proposed producing intervals will be within the standard location window in the NW $\frac{1}{2}$ NW $\frac{1}{2}$ of this section.

Any standard location in the North half of the Northwest quarter section would be too close to residential housing and would violate the City of Bloomfield ordinance which requires that no well can be drilled within 300 feet of a residence. The City of Bloomfield has grown so much recently that only a narrow strip approximately 160 feet wide and 800 feet long could meet that requirement. The proposed surface location is within that narrow strip.

Copies of this application are being sent by certified mail to all offset operators of wells which are completed in the Dakota formation. The names and addresses of all these operators are shown on an attached sheet.

Also enclosed are well location plats showing the surface and the bottom hole locations, a copy of a new C-103 requesting this change in plans from the original application and an offset ownership plat.

If further information is needed, please contact us.

Yours very truly,

Ed Hartman

President, Manana Gas, Inc.

EMH/nh

Enclosures as stated

Manana Gas, Inc. P.O. BOX 36990 ALBUQUERQUE, NEW MEXICO 87176

ED HARTMAN, PRES.

TELE: (505) 884-4863 (505) 884-0814

February 23, 1987

Re: Proposed Directional Drilling Manana Gas, Inc.
Cook #1-E
D-22-29N-11W

Gentlemen:

Enclosed is an application for directional drilling for subject well. We propose to drill the surface at 235' FNL and 368' FWL but by directional drilling methods penetrate the Dakota formation within a standard location at least 790' FNL and 790' FWL of Section 22-29N-11W.

If you have no objection to this application please execute one copy of this waiver and send it to the New Mexico Oil Conservation Division.

Your cooperation in this matter would be appreciated.

Very truly yours,

Ed Hartman President, Manana Gas, Inc.

EMH/nh

Enclosure

Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

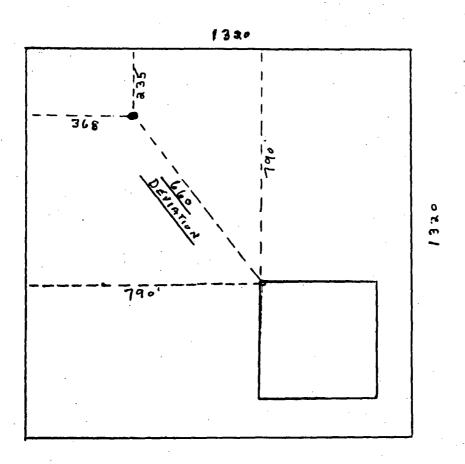
We, as an offset operator, do hereby waive objection to the above application.

Operator		
Ву	 ć	
Title	 <u></u>	
Date	 	

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17. Describe Proposed or Completed Or	perations (Clearly state all pertinent deta	ails, and give pertinent dates,	including estimated da	te of starting any proposed
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8. I hereby certify that the information	above is true and complete to the best of	of my knowledge and belief.	·	
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SIGNED		President	DATE	2/18/87
APPROVED BY			DATE	

CONDITIONS OF APPROVAL, IF ANY:

Deviation Needed to Drill to an Orthodox Location



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Manana Ga	s. Inc.					1-E	
Address of Operator	· · · · · · · · · · · · · · · · · · ·		omano N M	82126		10. Field ar	nd Pool, or Wildcat
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NEW MEXICO OIL CONSERVATION COMMISSION WELL DOCATION AND ACREAGE DEDICATION LAT

All and tances must be from the outer boundaries of the Section pergla Well No. MANANA GAS. INC. COOK 1-E all Letter Section Township County 22 29 NORTH 11 WEST SAN JUAN cival Festage Location of Wells 235 (a) foot from the NORTH WEST ound Level Elev. Producing Formettes Dedicated Acresque 5489 Dakota Rasin Dakota 321.29 Acres 1. Outline the acreage dedicated to the aubject well by colored pencil or hachure marks on the plat below. Bottom of hole will be at standard location of 790 FNL and 790 FWL. 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? X Yes Ŋ No If answer is "yes," type of consolidation _ Unitization Agreement 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 Commis-CERTIFICATION 1325.74 1325.94 I hereby certify that the information con-COOK# IE 235' F/NL 51m 40.2406 tained herein is true and complete to the best of my knowledge and belief. 368'F/WL 177 40,2408 sci 0, 13:29.98 Nome Ed Hartman Position President Company 40.3630 Manana Gas, DC. Date 12/8/86 1334.009 22 1334,009 589.39'W I hereby certify that the well location on this plat was platted from field of octual surveys made by OR WIND DE CEMBER 4, 99 Register 63.1 TO LAND SUR 2619.60 26 19.60 George R. Tompkins 5293,20 Certificate No. 7259 ... 1226 10 10 1000 2310 1 100 1010

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LOCATION MAP OF DAKOTA FORMATION WELLS

Dakota Well

Dakota-Chacra Dual Well

OPERATORS OF WELLS COMPLETED IN THE DAKOTA FORMATION

Amoco Production Company Western Division Amoco Building 1670 Broadway Denver, Colorado 80202

Kimbell Oil Company of Texas P.O. Box 1097 Farmington, New Mexico 87499

Union Texas Petroleum Corporation 375 U.S. Highway 64 Farmington, New Mexico 87401

Meridian Oil Inc. 3535 East 30th St., P.O. Box 4289 Farmington, New Mexico 87499 Attn: Van L. Goebel, Landman

Texaco USA
P.O. Box 2100
Denver, Colorado 80201
Attn: J.A. Schell
Attorney in Fact for Texaco, Inc.

Manana bas, Inc. Der. Ask.

y to RULE 111. DEVIATION TESTS AND DIRECTIONAL DRILLING

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(a) Any well which is drilled or deepened with rotary tools shall be tested at reasonably frequent intervals to determine the deviation from the vertical. Such tests shall be made at least once each 500 feet or at the first bit change succeeding 500 feet. A tabulation of all deviation tests run, sworn to and notarized, shall be filed with Form C-104, Request for Allowable and Authorization to Transport Oil and Natural Gas. When the deviation averages more than five degrees in any 500-foot interval, the operator shall include the calculations of the maximum possible horizontal displacement of the hole and the Division Director may require that a directional survey be run to establish the location of the producing interval(s).

2/20/8/

74.5.

The Division Director, at the request of an offset operator, may require any operator to make a directional survey of any well. Said directional survey and all associated costs shall be at the expense of the requesting party and shall be secured in advance by a \$5,000.00 indemnity bond posted with and approved by the Division. The requesting party may designate the well survey company, and said survey shall be witnessed by the Division.

- (b) Except as provided in Paragraph (c) below, no well shall be intentionally deviated without special permission from the Division. Permission to deviate toward the vertical to straighten a crooked hole, to deviate toward the vertical or in an indeterminate direction to sidetrack junk in the hole, or to drill a relief well to control a blow-out shall be obtained from the appropriate District Office of the Division on Division Form C-103 with copies of said Form C-103 being furnished to all offset operators. Upon receipt from the Division Director, any well which was deviated in an indeterminate direction or toward the vertical shall be directionally surveyed. In addition, a directional survey of the entire well bore must be made on any well which was deviated in a predetermined direction, except toward the vertical. The District Office of the Division shall be notified of the approximate time all directional surveys are to be conducted. All directional surveys run on any well which was intentionally deviated in any manner for any reason must be filed with the Division upon completion of the well. The Division will not assign an allowable to a well until the operator has submitted an affidavit that all such directional surveys have been filed.
- (c) The Division Director shall have the authority to grant administrative approval to intentionally deviate a well from vertical when: (1) the surface location is not a satisfactory drillsite due to topographic conditions or other surface obstructions, and, (2) the bottomhole location is orthodox or an unorthodox location previously approved.

(d) Applications for administrative approval shall be filed in triplicate and shall be accompanied by plats showing both the surface location and targeted bottomhole location. The application shall state the reason(s) for deviating the subject well and include a site map and/or topography map illustrating the surface obstruction. The bottomhole location obtained will be considered reasonable and satisfactory if the actual location at total depth is orthodox or is no more than 50 feet from the approved bottomhole location.

(e) All operators of proration or spacing units offsetting the unit for which the permit to deviate is sought shall be notified of the application by certified or registered mail, and the application shall state that such notification has been given. The Division Director may approve the application upon receipt of waivers from all offset operators or if no offset operator has entered an objection within 20 days after the Director has received the application.

(f) The Division Director may, at his discretion, set any application for administrative approval for directional drilling for public hearing.

(g) Permission to deviate a well in any manner or for any other reason not provided for in these rules will be granted only after notice and hearing.

RULE 112-A MULTIPLE COMPLETIONS

I. The multiple completion of any well may be permitted only as hereinafter provided. Multiple completion of any well without prior approval by the Division shall be solely at the operator's risk and shall in no way commit the Division to subsequent approval thereof.

II. District Approval

The Supervisor of the appropriate Division district may authorize the multiple completion (qualifying conventional, tubingless, or combination) whenever the zones to be completed are to be produced through tubing or through casing where such casing has an outside diameter of 2.875 inches or less. The supervisor may authorize one gas zone to be produced through a casing-tubing annulus if such zone produces no more than one barrel of liquids per day.

To obtain approval for multiple completion the operator shall file four copies of Division Form C-107 (Application for Multiple Completion) with the appropriate district office. Form C-107 shall be accompanied by a diagrammatic sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location of packers, side door chokes, and such other information as may be pertinent.

The district supervisor may forward any application to the Director of the Division for approval.

III. Administrative Approval (Division Director)

The Division Director may authorize the multiple completion (qualifying conventional, tubingless, or combination) not qualifying for District approval or referred to him by the District Supervisor.

When any gas zone of a proposed multiple completion is to be produced through a casing-tubing annulus and such zone produces more than one barrel per day of liquids, the applicant shall furnish proof that such liquids may be efficiently produced without undue use of reservoir energy for the expected producing life of the well.

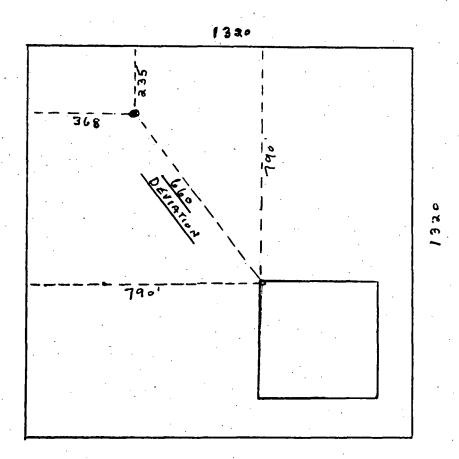
Application for administrative approval of a multiple completion shall be made in QUADRUPLICATE, with two copies of the application to be mailed to the Division's Santa Fe Office, and two copies to the District Office for the area in which the well is located. Application shall be made on the Division Form C-107 (Application for Multiple Completion) and shall be accompanied by the following:

- (a) Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location of packers, side door chokes, and such other information as may be pertinent.
- (b) Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed, it shall be submitted as hereinafter provided.)

NEW MEXICO OIL CONSERVATION COMMISSION Color	NEW MEXICO OIL CONSERVATION COMMISSION Control Construct Co	NEW MEXICO OIL CONSERVATION COMMISSION Control Cont	NO.72F COPIES RECEIVED			Form C-103
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			160 Sol Mergina		<u>President</u>	DATE2/18/87

CONDITIONS OF APPROVAL, IF ANY:

Deviation Needed to Drill to an Orthodox Location



6500 = 10.15 % DEVIATION

SAY 700 DEVIATION

Manana Gas, Inc. P. O. BOX 36990 ALBUQUERQUE, NEW MEXICO 87176

ED HARTMAN, PRES.

TELE: (505) 884-4863 (505) 884-0814

December 10, 1986

Re: Proposed Nonstandard Location
Manana Gas, Inc.
Cook #1-E
D-22-29N-11W

Gentlemen:

Enclosed is an application for nonstandard location for the subject well to be located 235 FNL and 368 FWL of Section 22,T-29N-R11W, San Juan County, New Mexico.

Please execute one copy of the waiver below and forward it to the New Mexico Oil Conservation Division if you have no objection to this application.

If you desire further information, please contact us.

Yours very truly,

Ed Horton

Ed Hartman President, Manana Gas, Inc.

EMH/nh

Enclosure

Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above application.

Operator						
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Title			·		`	
Date	4			<u>;. </u>		

Manana Gas, Inc. P.O. BOX 36990 ALBUQUERQUE, NEW MEXICO 87176

ED HARTMAN, PRES.

TELE: (505) 884-4863 (505) 884-0814

December 10, 1986

Oil Conservation Commission P.O. Box 2088 Santa Fe. New Mexico 87501

Re: Application for Nonstandard Location Manana Gas, Inc.

Cook #1-E, 235 FNL, 368 FWL D-22-29N-11W, San Juan County Basin Dakota

Gentlemen:

We hereby request a nonstandard location for a well to be drilled 235 feet from the North line and 368 feet from the West line of Section 22, T-29N-R11W, San Juan County, due to topographical conditions.

Any standard location in the North half of the Northwest quarter section would be too close to residential housing and would violate the City of Bloomfield ordinance which required that no well can be drilled within 300 feet of a residence. The City of Bloomfield has grown so much recently that only a narrow strip approximately 160 feet wide and 800 feet long could meet that requirement. The proposed location is within that narrow strip.

Copies of this application are being sent by certified mail to all offset operators of wells which are completed in the Dakota formation. The names and addresses of all these operators are shown on an attached sheet.

Also enclosed are the well location plat and an offset ownership plat.

If further information is needed, please contact us.

Yours very truly,

Ed Hartman

President, Manana Gas, Inc.

EMH/nh

Enclosures as stated

NO. OF COPIES RECEIVED					•
DISTRIBUTION	NEW	MEXICO OIL CONSEI	RVATION COMMISSION		
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Name of Operator				9. Well 1	
<u>Manana Gas</u>	s. Inc.			1-1	<u></u>
Address of Operator	26000 Albuqu	uerque, N.M.	82126	10. Field	and Pool, or Wildcat
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3.					
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	·	TITLE		DATE	

NEW MEXICO OIL CONSERVATION COMMISSION OCATION AND ACREAGE DEDICATION LAT

ioners must be from the outer boundaries of the Section pergig 1 ----MAÑANA GAS. INC. COOK 1-E nit Letter Section Township 29 NORTH 11 WEST SAN JUAN ctual Footage Location of Wells 235 (a) feet from the NORTH WEST line ound Level Cler. Producing Formation Dedicated Acreages 5489 321.29 Dakota Basin Dakota Acres 1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.

- 3) Bottom of hole will be at standard location of 790 FNL and 790 FWL.
- 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?

X Yes If answer is "yes;" type of consolidation ____ Unitization Agreement

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 Commis-

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CERTIFICATION

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

Name Ed Hartman Position President Company Manana Gas, Inc. 12/8/86

I hereby certify that the well location of actual surveys made by me or

Register DKAJ

Tompkins George R.

Certificate No. 7259

Amoco Prod. Co. McCarty No. B-1	Amoco Prod. Co. Texaco, Inc. Cooper No. 1E Mexico No. 1E	Amoco Prod. Co. Bruington No. 1E
Amoco Prod Co. Bergen No. 1 Co Southland Royalty Co. Sategna No. 2E Co eridian Oil, Inc.)	Proposed lanana Gas, Inc. Cook # 1-E Kimbell Oil Co. Cook No. 1 O Manana Gas, Inc. Hartman # 1-E Kimbell Oil Co. Hartman No. 1 O	Amoco Prod. Go. Hare No. 1E O 23 29 Amoco Prod. Go. Pearca No. 1
Amoco Prod Co. Masden GU No O		

LOCATION MAP OF DAKOTA FORMATION WELLS

O Dakota Well

Dakota-Chacra Dual Well

OPERATORS OF WELLS COMPLETED IN THE DAKOTA FORMATION

Amoco Production Company Western Division Amoco Building 1670 Broadway Denver, Colorado 80202

Kimbell Oil Company of Texas P.O. Box 1097 Farmington, N.M. 87499

Union Texas Petroleum Corporation 1122 Lincoln Tower Bldg. 37

Denver, Colorado 80295

Southland Royalty Co. 2200 Bloomfield Highway Farmington, N.M. 87401

Texaco, Inc. (Getty) P.O. Box 3360 Casper, Wyoming 82602 375 U.S. Highway 64 Farmington, New Mexico 87401

Meridian Oil Inc.
3535 East 30th St., P.O. Box 4289
Farmington, New Mexico 87499
Attn; Van L. Goebel, Landman
Texaco USA
P. O. Box 2100
Denver, Colorado 80201

Attn: J. A. Schell
Attorney in Fact for Texaco, Inc.

Manana Gas, Inc.

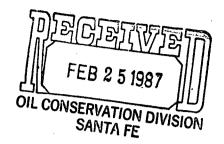
ED HARTMAN, PRES.

ALBUQUERQUE, NEW MEXICO 87176

TELE: (505) 884-4863 (505) 884-0814

February 23, 1987

Kimbell Oil Company of Texas P.O. Box 1097 Farmington, New Mexico 87499



Re:

Proposed Directional Drilling

Manana Gas, Inc.

Cook #1-E D-22-29N-11W

Gentlemen:

Enclosed is an application for directional drilling for subject well. We propose to drill the surface at 235' FNL and 368' FWL but by directional drilling methods penetrate the Dakota formation within a standard location at least 790' FNL and 790' FWL of Section 22-29N-11W.

If you have no objection to this application please execute one copy of this waiver and send it to the New Mexico Oil Conservation Division.

Your cooperation in this matter would be appreciated.

Very truly yours,

Ed Hartman

Ed Hartman

President, Manana Gas, Inc.

EMH/nh

Enclosure

Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above application.

Operator

By

Title

E. A. Clement, Prod. Supt.

Date

2/24/87

MERIDIAN OIL

New Mexico Oil Conservation Division Attention: Mr. Gilbert Quintana Post Office Box 2088 Santa Fe, New Mexico 87501 MAR 27 1987
OIL CONSENATION DIVISION

Re: Proposed Directional Drilling

Manana Gas, Inc.

Cook #1 E

D - Sec. 22, T-29-N, R-11-W San Juan County, New Mexico

Gentlemen:

Meridian Oil Inc., as an offset Operator, has received a request to review the proposed directional drilling for the referenced well.

Meridian Oil has no objections to this proposed location. An executed letter waiving any objections is attached.

Yours very truly,

David M. Poage

Senior Staff Landman

DMP:gm

Enclosure Document 0115L Manana Gas

cc: Manana Gas, Inc.

Attention: Mr. Ed. Hartman

President

Manana Cias, Inc. P. O. BOX 36990 ALBUQUERQUE, NEW MEXICO 87176

ED HARTMAN, PRES.

TELE: (505) 884-4863 (505) 884-0814

February 23, 1987

Meridian Oil Inc. 3535 East 30th St., P.O. Box 4289 Farmington, New Mexico 87499 Attn: Van L. Goebel, Landman

Re: Proposed Directional Drilling

Manana Gas, Inc. Cook #1-E D-22-29N-11W

Gentlemen:

Enclosed is an application for directional drilling for subject well. We propose to drill the surface at 235' FNL and 368' FWL but by directional drilling methods penetrate the Dakota formation within a standard location at least 790' FNL and 790' FWL of Section 22-29N-11W.

If you have no objection to this application please execute one copy of this waiver and send it to the New Mexico Oil Conservation Division.

Your cooperation in this matter would be appreciated.

Very truly yours,

Ed Hutman

Ed Hartman

President, Manana Gas, Inc.

EMH/nh

Enclosure

Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

We, as an offset operator, do hereby waive objection to the above application.

Operator

By

Title

Date

agional Operations Monage

STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION AZTEC DISTRICT OFFICE

1000 RIO BRAZOS ROAD

OIL CONSERVATION BOX 2088 SANTA FE, NEW MIDATE 2-26-	EXICO 8750 OIL CONSE	RVATION DIVISION ANTA FE	•	1000 RIO BRAZOS ROA AZTEC, NEW MEXICO 874 (505) 334-6178
RE: Proposed M Proposed Di Proposed N Proposed Si Proposed W Proposed P	HC / SL / Direc WD / FX	tional		
Gentlemen:			•	
I have examined	the application da	ited 5-24-87	? 	
for the Mana	wa Con the 1	Cook# LE	T.) - 2 Z - 29 N - //L Unit, S-T-R
	Operator	Lease and Well	No.	Unit, S-T-R
Approx	dations are as foll	ows:		
• /				
		·		
Yours truly,				

Texaco Inc

PO Box 2100 Denver CO 80201

March 5, 1987

Mr. William J. LeMay, DirectorATION DIVISION Oil Conservation Division SANTAFE

P. O. Box 2088 Santa Fe, NM 87501

SUBJECT:

Application to Directionally Drill Manana Gas, Inc. - Cook No. 1-E

Basin Dakota Pool

235' FNL and 368' FWL (Surface) 790' FNL and 790' FWL (Bottom Hole)

Section 22-T29N-R11W San Juan County, NM

Dear Mr. LeMay:

Texaco Inc., operator of the Mexico Federal "N" Dakota Gas Unit which directly offsets the proposed well, hereby waives objection to the subject application. However, if the required directional survey of the entire wellbore shows that the wellbore penetrates the Dakota producing formation at a location which is unorthodox or is more than 50 feet from the approved bottom hole location, then Texaco Inc. reserves the right to protest the unorthodox bottomhole location.

Very truly yours,

J.A. Selll

J. A. SCHELL

Attorney-in-Fact for Texaco Inc.

FSH/bw

cc: Mr. Ed Hartman, Manana Gas, Inc., P. O. Box 36990, Albuquerque, NM 87176

Mr. Kenneth Bateman, Esq., P. O. Box 787, Santa Fe, NM 87504