STATE OF NEW MEXICO



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**DIL CONSERVATION DIVISION** 

GARREY CARRUTHERS

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

August 30, 1990

Meridian Oil, Inc. 21 Desta Drive Midland, TX 79705

Attention: Robert L. Bradshaw

RE: Unorthodox gas well location, Farnsworth "4" Well No. 11, 480' FNL - 990' FWL (Unit D) 4-T26S-R37E, Rhodes Yates Seven Rivers Gas Pool, Lea County, New Mexico.

Dear Mr. Bradshaw:

In reviewing the subject application, it was found that Meridian intends to also complete the Farnsworth "4" Well No. 12 located 1650' FNL - 890' FWL (Unit E) of said Section 4 (see copy of C-103 and C-102 attached). Before I may proceed with processing your application, please inform me as to Meridian's intent with the Rhodes Pool in the NW/4 of this section at this time. I have also enclosed copies of Division Memorandums dated July 27, 1988 and August 3, 1990 which address the subject of having two wells dedicated to a single gas spacing unit in unprorated gas pools.

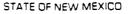
Should you have any questions, please contact me. Thank you.

Sincerely

Michael E. Stogner Chief Hearing Officer/Engineer

MES/ag

cc: Oil Conservation Division - Hobbs US Bureau of Land Management - Carlsbad



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

GARREY CARRUTHERS GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

#### MEMORANDUM

TO:	ALL	OPERATORS

WILLIAM J. LEMAY, DIRECTOR FROM:

RULE 104 C II OF THE GENERAL RULES AND SUBJECT: REGULATIONS

AUGUST 3, 1990 DATE:

On July 27, 1988, we sent a memorandum to all operators to explain the Division's procedures for ensuring compliance with the above rule in handling applications for additional wells on existing proration units. The procedures are primarily applicable in unprorated gas pools.

The final paragraph of the July 27 memo reads as follows:

"Applications for additional wells on existing proration units will be approved only on the understanding that upon completion of the well the operator shall elect which well will be produced and which will be abandoned. Application to produce both wells will be approved only after notice and hearing and upon compelling evidence that the applicant's correlative rights will be impaired unless both wells are produced."

Additional explanation of the intent of the above paragraph is set out below:

Application to produce both wells continuously and concurrently will be approved only after notice and hearing and upon compelling evidence that the applicant's correlative rights will be impaired unless both wells are produced.

Requests to produce the wells alternately (one well shut-in while the other produces) may be submitted for administrative handling. The request should set out the length of the producing and shut-in cycles for each well (a one month minimum is suggested), the proposed method for ensuring compliance with the proposed producing and shut-in schedules, and the reasons for the request. Notice should be provided to offset operators in the usual manner, allowing a 20-day waiting period. The application should be sent to Santa Fe with a copy to the appropriate District office.



ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

**OIL CONSERVATION DIVISION** 

GARREY CARRUTHERS GOVERNOR

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87504 (505) 827-5800

MEMORANDUM

ALL OPERATORS TO:

WILLIAM J. LEMAY, DIRECTOR FROM:

SUBJECT: RULE 104 C II OF THE GENERAL RULES AND REGULATIONS

DATE: JULY 27, 1988

There has been some confusion about interpretation of the subject rule. In each paragraph of sections (a), (b) and (c) the rule states:

"Unless otherwise provided in special pool rules, each development well for a defined gas pool shall be located on a tract..."

My interpretation of this sentence is that each well is to be located on its own individual specified unit and an additional well is not authorized simply by meeting the set back requirements of the rule.

This interpretation is necessary to prevent waste from the drilling of unnecessary wells and to protect correlative rights of all parties in the pool. Since the prorated pools have special pool rules the subject rules have greater impact on Unprorated does not mean unregulated. unprorated gas. Allowables are not issued in unprorated pools and the only method available to protect correlative rights is the control of well density and locations. Added well density required because of special geological situations can be addressed by special pool rules after notice and hearing.

Applications for additional wells on existing proration units will be approved only on the understanding that upon completion of the well the operator shall elect which well will be produced and which will be abandoned. Application to produce both wells will be approved only after notice and hearing and upon compelling evidence that the applicant's correlative rights will be impaired unless both wells are produced.

dr/

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State Lease - 6 copies	10	03			Form C-101 Revised 1-1-89				
P.O. Box 1980, Hobbs, NM	FEB 12 FOILE	30-02	API NO. (assigned by OCD on New Wells) 3D - 025 - 11938						
<u>DISTRICT II</u> P.O. Drawer DD, Artesia, I		Santa Fe, New Mexico		5. Indicate Type of L	STATE FEE X				
DISTRICT III 1000 Rio Brazos Rd., Azte	xc, NIM 87410			6. State Oil & Gas Lease No. LC-054668					
APPLICAT	TION FOR PERMIT	TO DRILL, DEEPEN, O	R PLUG BACK	\//////////////////////////////////////					
1a. Type of Work:				7. Lease Name or Un	it Agreement Name				
DRILL b. Type of Well: OE GAS WELL WELL 1		Farnsworth 4							
2. Name of Operator				8. Well No.					
Meridian Oil Inc.					12				
3. Address of Operator				9. Pool name or Wild	9. Pool name or Wildcat				
21 Desta Dr., N	Aidland, TX 79705			Rhodes (Yates Seven Rivers)					
4. Well Location Unit Letter E									
Section	4 Town	<sub>ahip</sub> 26 South <sub>Ran</sub>	<sub>ge</sub> 37 East	NMPM Lea	County				
		10. Proposed Depth		<u>Cornation</u>	12. Rotary or C.T.				
		Yates	•						
13. Elevations (Show wheth	er DF, RT, GR, etc.)	14. Kind & Status Plug. Bond	15. Drilling Contractor	16. Apor	16. Approx. Date Work will start				
2987' GR., 2993		22 February 1990							
17. PROPOSED CASING AND CEMENT PROGRAM									
SIZE OF HOLE	SIZE OF CASING	SACKS OF CEMENT EST. TOP							
12 1/4"	8 5/8"	24#	335'	300 sx Surface					
7 7/8"	5 1/2"	300 sx	1600'						
				<u> </u>	_ <u>_</u>				

The present productive zone is the Queen (perforated from 3222'-3229' w/28 shots). It was originally completed in 1961.

PROPOSAL: Set CIBP @ 2990' and dump bail 30' of cmt on top by wireline. Planned Yates perforations are 2800'-2910'; top of Yates is 2619' and top of Seven Rivers is 2845' by electric logs. Planned stimulation is by using 40,000 gal. CO2 foam w/55,000# sand pumped through 2 7/8" tubing w/a treating packer set @ 2700'.

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

I hereby certify that the information above is true and complete to the best of my knowled	Sr. Staff Env./Reg. Spec.	2/02/90		
TYPE OR PRINT NAME Robert L. Bradshaw		TELEPHONE NO. 915/686-5678		
(This space for State Life)	DISTRICT 1 SUPERVISOR	FEB 0 8 1990		
CONDITIONS OF AFFROVAL, FANY				

Submit to Appropriate District Office State Lease - 4 copies Fee Lease - 3 copies

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DISTRICT I P.O. Box 1980, Hobbs, NM 88240

DISTRICT II P.O. Drawer DD, Artesia, NM 88210

DISTRICT III 1000 Rio Brazos Rd., Aziec, NM 87410

#### State of New Mexico Energy, Minerals and Natural Resources Department

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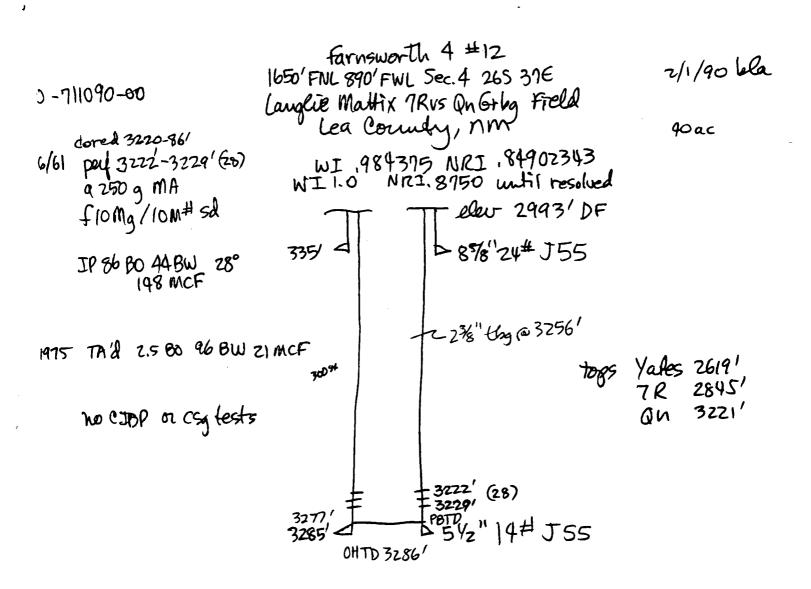
### OIL CONSERVATION DIVISION P.O. Box 2088

Santa Fe, New Mexico 87504-2088

#### WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator							Lease						Well No.
Merid	ian (	)il	Inc.					Farn	sworth	4			12
Unit Letter	Secti			Towns	hip		Range					County	_ L
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Actual Footage Lo	cation o	f Well	:			·	-						
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Ground level Elev	•		Producing		ion		Pool	D1 - J					Dedicated Acreage: 160
2987'			Yạt	:es				Rhod	es				Acres
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Lane Wells Lugged Yates porosity by 2619' 2800-2824' 24' 18' 20' 62' 2868'-2886' 28901-79101

## MERIDIAN OIL

OIL CONSERVE FON DIVISION RECEIVED

'90 SEP 10 AM 9 17

September 4, 1990

Mr. Michael E. Stogner Chief Hearing Officer/Engineer Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

RE: Unorthodox Gas Well Location Farnsworth "4" Well No. 11) 480' FNL & 990' FWL Sec. 4, T26S, R37E Rhodes (Yates, 7 Rivers) Lea County, NM

Dear Mr. Stogner:

I have received your August 30, 1990, letter regarding the above referenced application. Our current plans are to recomplete Well No. 11 and, if successful, plug and abandon (P & A) Well No. 12. All data indicates Well No. 11 will be successful; therefore, I request you continue processing the referenced application, noting our intent to P & A Well No. 12.

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If you need other information, please contact me at (915) 686-5678.

Sincerely,

Bradehaw

Robert L. Bradshaw Sr. Staff Env./Reg. Specialist

RLB/bn

xc: Well File B.L. Adams D.D. McBee



September 17, 1990

OIL CONSERVE FON DIVISION RECEIVED

'90 SEP 20 (AM 8 41

SR

Mr. Mike Stogner Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088

Re: Unorthodox Location <u>Farnsworth "4" NO.\_11</u> Unit D, Sec. 4, T26S, R37E Lea County, NM nsl-2886

Dear Mr. Stogner:

By letter dated August 24, 1990, I requested authorization to recomplete the referenced well in what will be an unorthodox location. The only offset operator is <u>Chevron</u>, U.S.A., Inc. Attached is a waiver of objection statement signed by Chevron.

If you need anything else to complete this request, please contact me at (915) 686-5678.

Sincerely,

E. Brodal hert

Robert L. Bradshaw Senior Staff Env/Reg Specialist

RLB/bn

attachments

xc: Well File D.D. McBee OCD - Hobbs



August 24, 1990

Mr. A.W. Bohling Chevron, U.S.A., INC. P.O. Box 1150 Midland, TX 79702

Re: Unorthodox Location <u>Farnsworth</u> "4"-NO.-1-1 Unit D, Sec. 4, T26S, R37E Lea County, NM

Dear Mr. Bohling:

Meridian Oil Inc. proposes to recomplete the referenced well from the Langlie Mattix (7R, Q, GB) to the Rhodes (Yates, 7R). When this is accomplished, the location which is 480' FNL and 990' FWL will become an unorthodox location. We are requesting the Oil Conservation Division to administratively approve this unorthodox location. As the only off-set operator to this proration unit, I am requesting you to sign three (3) copies of the waiver and return them to me in the attached self-addressed/stamped envelope.

If you have any question, please contact me at (915) 686-5678.

Sincerely, Folet L. Kra

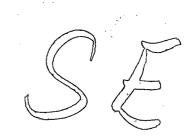
Robert L. Bradshaw Sr. Staff Env./Reg. Specialist

RLB/bn

enclosure attachment (3)

xc: Well File OCD - Santa Fe D.D. McBee OIL CONSER . ON DIVISION RECEVED

'90 SEP 19 AM 8 38



Meridian Oil Inc., 21 Desta Drive, Midland, Texas 79705, Telephone 915-686-5600

August 24, 1990

Mr., Mike Stogner Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088

Re: Unorthodox Location Farnsworth "4" No. 11 Unit D, Sec. 4, T26S, R37E Lea County, NM

Dear Mr. Stogner:

Chevron, U.S.A., Inc. has been notified by Meridian Oil Inc. that their plans to recomplete the referenced well form the Langlie Mattix (7R, Q, GB) to the Rhodes (Yates, 7R) will result in an unorthodox location. As an off-set operator, we waive objections to the Oil Conservation Division administratively approving the unorthodox location as requested.

Sincerely,

Chevron, U.S.A., Inc.

Alan W Bohling - Procation Engmeer September 17, 1990 by: date:

## MERIDIAN OIL

OIL CONSERVICION DIVISION RECEIVED

# '90 AUG 28 AM 9 35

August 24, 1990

Mr. Mike Stogner Oil Conservation Division P.O. Box 2088 Santa Fe, NM 87504-2088

Re: Unorthodox Location Farnsworth "4" NO. 11 Unit D, Sec. 4, T26S, R37E Lea County, NM

Dear Mr. Stogner:

The referenced well is currently completed in the Langlie Mattix (7R, Q, GB) in an orthodox location. We propose to recomplete the well in the Rhodes (Yates, 7R). Rule 104.C.II(a) requires a gas well to be located "...not closer than 660 feet to any outer boundary...". This well is 480' from the north line of Sec. 4 and is, therefore, unorthodox.

There are no other wells in the NW/4 of Sec. 4 that are completed in the Rhodes (Yates, 7R). We are our own off-set in all but one area - the SE/4 of Sec. 32 to the northwest of this proration unit. That operator will be notified of this application by certified mail (copy attached). I am also attaching a well bore diagram and brief history of the well. An application to plug back and recomplete the well has been sent to the Bureau of Land Management in Carlsbad, New Mexico.

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If other information is needed, please contact me at (915) 686-5678.

Sincerely,

Brook

Robert L. Bradshaw Senior Staff Env/Reg Specialist

RLB/bn

attachments

xc: Well File D.D. McBee

Meridian Oil Inc., 21 Desta Drive, Midland, Texas 79705, Telephone 915-686-5600

## MERIDIAN OIL

August 24, 1990

Mr. A.W. Bohling Chevron, U.S.A., INC. P.O. Box 1150 Midland, TX 79702

Re: Unorthodox Location Farnsworth "4" NO. 11 Unit D, Sec. 4, T26S, R37E Lea County, NM

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Sincerely,

Robert L. Bradshaw Sr. Staff Env./Reg. Specialist

RLB/bn

enclosure attachment (3)

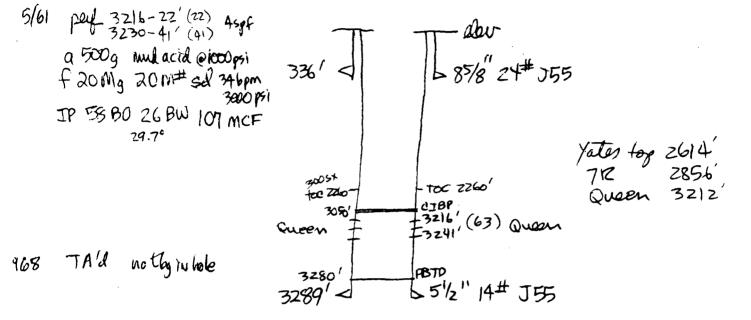
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tesPet Longhorn Partners	Tom Line bery (S)	U.S. Maberly " Tom Lines bruches of Burleson & Huff	Mober/, Mober/,	Tom & Evelyn Lueberry Fdn. (S)	U.S. Hindery Fan(s) SM/I	032B10 Tom timbe
(Conoco, etal) 300 330167 "A" Bruno M. Lyates 1933 5:195 McCal- 1933 5:195 McCal- 1933 5:195 McCal- 1933 5:195 McCal- 1933 5:195 McCal-	Conoco (Elk Ener.)	(0.C.Dale)	Meridian Meridian Oil 4779 1 1 4000 Tex 5 Grenory 265 3353 71 500 490		N OIL INC. VORTH "4" #11	Columb H 03
25 00 25 Conoco,etai	10 3474-1 30 P85	Wolfson (Nippon ) Cash Certh Fed Dic Cashand Dic Cashand Dic Cashand to 3400 2 F	(wo) **	Tex. Pacific Wir Po (Union SEC 4	& 990' FWL [26S, R37E	
Longhorn Partners Bruno' Bruno' Bruno' Bruno' Frank Anthony (\$)	Conoco I Cit Servi, Eaves BI U/2 S/R / U.S.	D 34 00 032604	(Nippon Cent %), Texaco,etal		INTY, NM	U.
A.G. Hill (Exxon)	10764 Conoco,etal RBD- 12 10,030168 6 Shelby 12 10,030168 6 Shelby	Tom & velyn Linebery Fdn. (S)	(Marathan) Sea 6 Sand Sand Olice	Morris	Pie-wi (Rock Island O&R) Morether	Tom Lin Yates Pet.,etal
Hand Frank Anthony (S)			BOOK JUDOL JJ (Mercury Expl) F (S)	2501078 "Wills" 2: mar oth some from the some some some some some some some som	2 57 A THOMA 3 DIAN TO BIL 7	Tom 2
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Farnsworth 4 # 11 480' FNL 990' FWL Sec. 4 T265 37E Langlie Mattix 7RVS On Gily Field Lea County, MM WI.984375 NRI .84902343

2/1/90 bla

40 ac



3/83 set pkr 3210' PI 2bpm 200psi csg holes 3114'-3177'

0-711091-00

- 3/83 pkr @ 2924' csg above tstd to 500psi
- 8/83 102 jt ibg SN 3242 PGBO 120 BW OMCF Satiz FL 1509' From surface punying FL 343' above SN
- 9/83 St CIBP@ 3050' 15tok tota with

Yates top 2613' Yates porosity 2804-2848' 4z' 2880'-2894' 141 2960'-2920' 20' אר