STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

### OIL CONSERVATION DIVISION P. O. Box 2088 SANTA FE, NEW MEXICO 87501

ADMINISTRATIVE ORDER NFL 105

### INFILL DRILLING FINDINGS AND WELL-SPACING WAIVER MADE PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013

,			
Operator	Marbob Energy Corporation	Well Name and No.	M. Dodd "A" Well No. 35
Location:	Unit_ <u>M_Sec14_Twp17S_</u>		
II.			

### THE DIVISION FINDS:

т

(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) That by Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3) That the well for	r which a finding is sought is to be completed in the <u>Grayburg Jack</u>	<u>50n</u>
(SR-Q-G6/5A)	Pool, and the standard spacing unit in said pool is 40	acres.
(4) That a 40	-acre proration unit comprising the SW/4	
of Sec. 14 , Twp.	. 17South, Rng. 29East , is currently dedicated to the M. Doss "A	, <b>n</b>
Well No. 18	located in Unit M of said section.	

(5) That this proration unit is (X) standard ( ) nonstandard; if nonstandard, said unit was previously approved by Order No. NA .

(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional 23,680 MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013 have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

### IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That 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	this	.28	day	of	November	, <u>19_84</u> .
						•**					an. DA	oln_
										1	Michael ?	Alogner
									DIVI	S10	N DIRECTOR	EXAMINER X

Received 11/8/84 Refune 11/28/84

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION P. O. Box 2088 SANTA FE, NEW MEXICO 87501

ADMINISTRATIVE ORDER

INFILL DRILLING FINDINGS AND WELL-SPACING WAIVER MADE PURSUANT TO SECTION 271.305(b) OF THE FEDERAL ENERGY REGULATORY COMMISSION REGULATIONS, NATURAL GAS POLICY ACT OF 1978 AND OIL CONSERVATION DIVISION ORDER NO. R-6013

Operator Marbob Energy Corporation Well Name and No. M. Dodd "A" Well No. 35 Location: Unit <u>M</u> Sec. <u>14</u> Twp. <u>17 South</u> Rng. <u>29 East</u> Cty. <u>Elly</u>

II.

I.

### THE DIVISION FINDS:

(1) That Section 271.305(b) of the Federal Energy Regulatory Commission Interim Regulations promulgated pursuant to the Natural Gas Policy Act of 1978 provides that, in order for an infill well to qualify as a new onshore production well under Section 103 of said Act, the Division must find, prior to the commencement of drilling, that the well is necessary to effectively and efficiently drain a portion of the reservoir covered by the proration unit which cannot be so drained by any existing well within that unit, and must grant a waiver of existing well-spacing requirements.

(2) That by Order No. R-6013, dated June 7, 1979, the Division established an administrative procedure whereby the Division Director and the Division Examiners are empowered to act for the Division and find that an infill well is necessary.

(3)	That the w	ell for whi	ch a finding i	s sought is t	to be comple	eted in the _	Groyburg Joc	kson
	<u>(5R-Q-6b/</u>	<u>54)</u> Pool	, and the stan	dard spacing	unit in sai	d pool is	40	acres.
			acre proratio					
of	Sec. 14	, Twp. 17	mile, Rng. 29	Ent, is cu	irrently ded	licated to th	ie M. Dodd	"10 4
	Woll No.	18 .	located is	n Unit M	of said sec	tion.		

(5) That this proration unit is ( V standard ( ) nonstandard; if nonstandard, said unit was previously approved by Order No.

(6) That said proration unit is not being effectively and efficiently drained by the existing well(s) on the unit.

(7) That the drilling and completion of the well for which a finding is sought should result in the production of an additional <u>23,680</u> MCF of gas from the proration unit which would not otherwise be recovered.

(8) That all the requirements of Order No. R-6013 have been complied with, and that the well for which a finding is sought is necessary to effectively and efficiently drain a portion of the reservoir covered by said proration unit which cannot be so drained by any existing well within the unit.

(9) That in order to permit effective and efficient drainage of said proration unit, the subject application should be approved as an exception to the standard well spacing requirements for the pool.

#### IT IS THEREFORE ORDERED:

(1) That the applicant is hereby authorized to drill the well described in Section I above as an infill well on the existing proration unit described in Section II(4) above. The authorization for infill drilling granted by this order is an exception to applicable well spacing requirements and is necessary to permit the drainage of a portion of the reservoir covered by said proration unit which cannot be effectively and efficiently drained by any existing well thereon.

(2) That 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 this day of

CI-OCD-Arteria USBLM - Roswell NAID+GEL-Hollon Well Fil - S.F

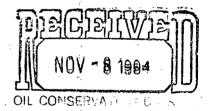
DIVISION

### Request for Infill Finding on

M. Dodd "A" #35

in accordance with Administrative

Procedures amended February 8, 1980



SAPIA FE

M. Dodd . "A". #35

Pool: Grayburg Jackson Seven Rivers Queen@Grayburg San Andres Standard spacing unit: 40 acres

Rule 7:

NA

`Rule 8:

- a. M. Dodd "A" #35 330 FSL 330 FWL Sec. 14-T17S-R29E M. Dodd "A" #18 - 330 FSL 990 FWL Sec. 14-T17S+R29E
- b. #35- 9/1/84 #18 - 5/21/56
- c. #35- 10/5/84 #18 - 7/26/56
- d. None
- e. #35 23 bbl oil, 63 mcf gas/day #18 - 10 bbl oil, 1 mcf gas/day
- f. None
- g. The M. Dodd "A" #35 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #35 and #18 experienced new reservoir type conditions we feel the additional drilling was justified.

	DEPARTMEN GEOL	TED STATES	(Other the reven	TRIPLICATE truetlous on a side)	30 - 0/5 Porm appr Bedget Bur 5. LEARE DESIGNATH LC-028731 ( 6. 19 ERDIAN, ALLOT	oved, teau No. 43-B1 DH AND SERIAL I A)
8. TIPE OF WORK	n for permit		EPEN, OR PLUG PLUG B		Y. CHIT AGREENEDY	-
Marbob Ener	gy Corporation			784.9 []	6. 5483 08 4445 1 N. Dodd ". 6. 7255 10.	
At surface	217, Artesia, Inpert location clearly and PSL 330 FWL		ny filiais regularmenta?)		35 It suite any suite Grayburg Jan It any suite and any it any suite any suite it any suite any	
A. DISTANCE IN MILES 20 air mile: DISTANCE FROM PEOP LOCATION TO FRANK FOOPENT ON LANK	Same And Difference From Ma S east of Artes Date Ann. Fr.	ARASS SOURS CO. POST 63 18, N.M. 882.	10 . BO ACHES IN LAASE		Sec. 14-717 18. count of pain Eddy 7 Actus Activity 19. Vela	S-R298 14. etato N.M.
(Also to Respect dri DISTANCE FROM FROM TO FRANCE FOR WELL, D CE AFFLED FOR, ON TH	g. unit line, if any) NAED LOCATION® BILLING, COMPLETED,		600 . PROPORED DEPUT		NY GR CARLS YOGLS Rotary 23. APPROX. DATE 9	40
3623.5		PBOPOSED CASING	AND CENENTING PROG	BAN	8/1/84	
SIES OF HOLS	SILE OF CASING	WEIGHT PED POOT	AUTTING DEFTU		QUANTITY OF CEM	5¥7
<u>12 1/4"</u> 7 7/8"	<u>8 5/8"</u> 5 1/2"	<u>24#</u> 15.50#	<u>350'</u> 3450'		cient to circ ax, to base o	
Pay zone wil optimum prod Attached are	luction.		& stimulated as dication plat	needed	for	

が対応

•

Contraction of the second

Ì

IN ABOVE SPACE DESCRIBE PROPOSED PROCHAM : If proposal is to deepen of plug back, give data on present productive some and proposed new productive some. 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 ony.

preventer program, if any.	
24. SEGHED Aralyn Pris TITLS 1	Production Clerk 7/18/84
(This space for Federal or State office use)	
ARE	A MANAGER ALSEAD REJOURON ANEA
APPROVED TITLE JULY CONDITIONS OF APPROVAL, IF ANY :	APPROVAL SUBJECT TO GENERAL REQUIREMENTS AND
· · ·	SPECIAL STIPULATIONS

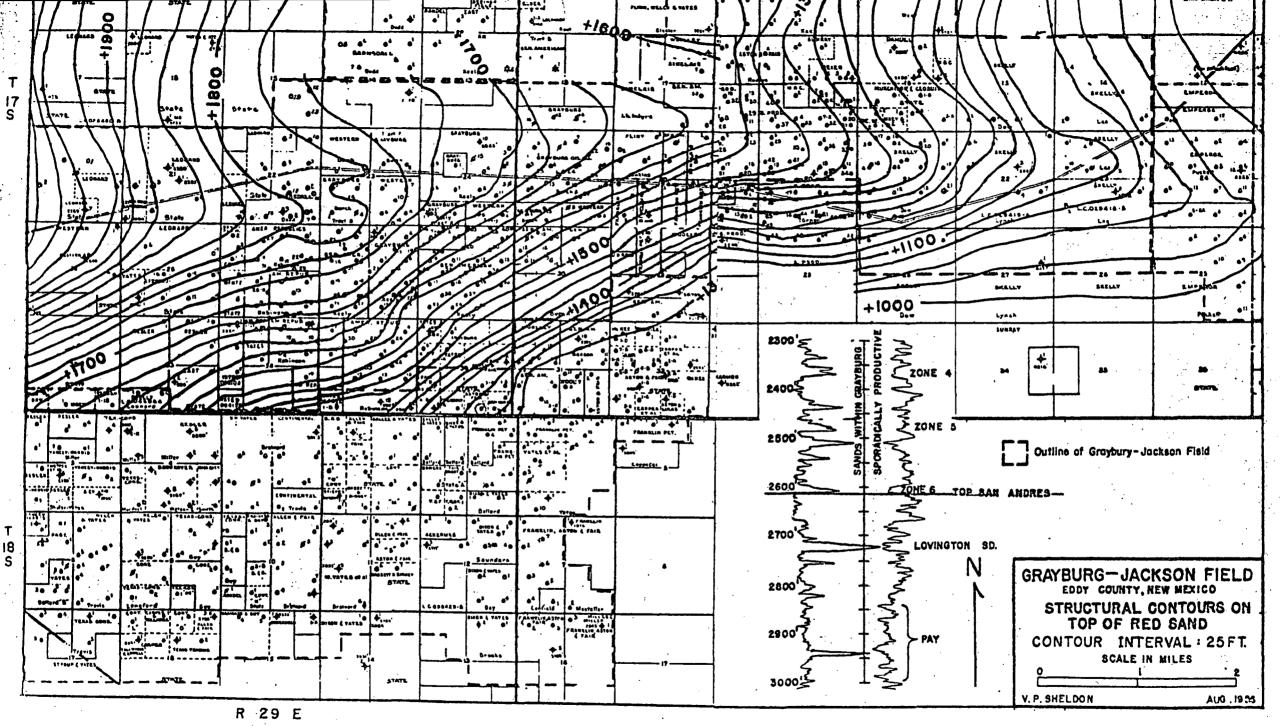
"See Instructions On Reverse Side

ATTACHED

2 June 1

All distances mus	t be	from	Ø10	ONLOT	boundersee	of	the	Section.
-------------------	------	------	-----	-------	------------	----	-----	----------

24140	A01	WELL LOCATIO		AGE DEDIC	TIONPLA	Τ	Form C Superse Effectiv	des C-J
erator		All distances mu	et be from die oute Lease	r bounderses of	the Section.	<u> </u>	Well Nic.	
Marb A Letter	ob Energy Co	rporation Township	·····	odd A	· · · · ·	· · ·	35	
M	14	17 South	Range 29	East	County Eddy	County		
ual Footage Loc 33()	ation of Well;	South		330		West		
und Level Elev.	Producing F		e and Pool	100	I from the		line Dedicated Acreage:	
3623		ndres ated to the subje		rg Jackso			40	Acre
dated by c Yes If answer in this form if	ommunitization,	different ownershi unitization, force- answer is "yes," ty owners and tract ned to the well unt	pooling.etc? ype of consolid descriptions wi	ation	have the int	consolidat	ed. (Use reverse e	oide (
sion.		) or until a non-sta - MARBOB VER - REBOA ANDRES	·		Comple svec	TED. I hereby cer tained herei best of my k	pproved by the Lo CERTIFICATION wify that the information is true and complete snowledge and belief.	on con to th
	· +					Carolyn	~ ·	
				<u> </u>		Producti Company		tion



وحراق

# Paul G. White Engineering

OIL AND NATURAL GAS

November 5, 1984

Marbob Energy Corporation P.O. Drawer 217 Artesia, New Mexico 88210

Re: Pertinent Engineering Data M. Dodd A No. 35 Grayburg Jackson Eddy County, New Mexico

Gentlemen:

The subject well, located 330' FSL and 330' FWL, Section 14-T17S-R29E, Eddy County, New Mexico was completed on October 6, 1984.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analagous well studies I have estimated that the well will recover 18,140 barrels of oil and 23,680 MCF of gas.

A study of nearby producing well rates and initial potentials reveals that wells will have to be drilled on a 20 acre spacing to properly and adequately recover the oil and gas reserves in this field.

Therefore, it is my recommendation that in-fill wells be drilled and the well density be increased to at least 20 acre spacing.

From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Petroleum Engineer Signed

Date 11 - 5 - 84

PGW/sf

Rule 11:

Notice of this infill request has been sent to Phillips Oil Co., 4001 Penbrook, Odessa, Texas 79762, as the offset operator.

## **Marbob Energy Corporation**

P. O. DRAWER 217 ARTESIA, NEW MEXICO 88210

November 6, 1984

- OFFICE PHONE -(505) 748-3303 (505) 746-2422

- NIGHT PHONES -(505) 746-6197 (505) 746-6500

Dear Sirs:

Notice is hereby given to you as an offset operator to the request of Marbob Energy Corporation to the New Mexico Oil Conservation Division for an infill finding on the following well:

> M. Dodd "A" #35 330 FSL 330 FWL Sec. 14-T175-R29E Eddy County, N.M.

This notice is given pursuant to the Special Rules and Regulations Natural Gas Policy Act Infill Finding Administrative Procedure (amended February 8, 1980). These special rules and regulations shall apply to effective and efficient drainage findings for completed infill wells pursuant to Section 271.305 of the final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978.

If there are any questions please contact me.

Very truly yours,

Re: Notice to Offset Operators

uncella Carolyn **Purce**lla

Land Department

RPM/co

## Request for Infill Finding on

## M. Dodd "A" #35

8.0

in accordance with Administrative Procedures amended February 8, 1980

### Rule 6:

## M. Dodd "A" #35

Pool: Grayburg Jackson Seven Rivers Queen Grayburg San Andres Standard spacing unit: 40 acres

·**7**:

NA

Rule 8:

а.	M. Dodd "A" #35 - 330 FSL 330 FWL Sec. 14-T17S-R29E M. Dodd "A" #18 - 330 FSL 990 FWL Sec. 14-T17S-R29E	•
Ъ.	#35- 9/1/84 #18 - 5/21/56	2 7.7 000017
	#35- 10/5/84 #18 - 7/26/56	
đ.	None	4 8 9 1 1
е.	#35 - 23 bbl oil, 63 mcf gas/day #18 - 10 bbl oil, 1 mcf gas/day	1997 - 1944 1997 - 1994 1997 - 1994
f.	None	

g. The M. Dodd "A" #35 was drilled because the low permeability and low quality solution gas recovery mechanism require reduced spacing to efficiently drain the reservoir. Since both the #35 and #18 experienced new reservoir type conditions we feel the additional drilling was justified.

POTTO	UN DEPARTME GEOL	OR'S COPY	S INTEF Ey	NOR	r lastrari everue ald	•)		(A)
APPLICATIO	N FOR PERMIT	TO DRILL,	DEEM	N, OR PL	UG B/	ACK		
	ALT. 🕅	DEEPEN		PLUC	g Bac		V. DEST AGENERAT	IT RANS
WELL X			61 60		NUL/2004			ALL AND A SALES
2. HARD OF OFFICE	gy Corporation						H. Dodd	•
8. ADORIES OF COMASS	gy corporation						39	
P.O. Drawer	217, Artesia,	N.M. 88210		• ·				
At prepared greek, co	Sam	• · · · · · · · · · · · · · · · · · · ·	·		•		Grayburg Jo LL C. L. L. L. S. C. L. C. L. L. S. Soc. 14-71	
14. DIFFARCE IN BILLES 20 air mile	and distents mon a s east of Arte.		8210				li count on sur Eddu	N.N.
10. DEPTAILO FOM FOR LOCATION TO FRANK PROFESTY OF LEASE (Also to Degreet def	90080 <sup>6</sup>	330*	16. no. 60				P ACTURA ADDRESS	40
18. DISTANCE FROM FROM	BILLING, COMPLETED,	660'		3450'			at on cases some Rotary	
21. ELEVATIONS (Show with 3623.5							21. APPROX. DATE 8/1/84	ACTE AITT 81
23.		PBOPOSED CASIS	G AND	CROCENTIESO P	BOGBAM	•	0/1/04	
GISB OF BOLD	BIED OF CASING	TELOST PER PO	107	SUTTING DEPT		· · ·		
12 1/4"	8 5/8"	24#		350'		Suff	cient to cir	culate
7 7/8"	5 1/2"	15.50#		3450'			ax, to base	
Pay zone wii optimum prod	] 1 be selective	 ely perforate	ed & s	stimulated	as ne	eded	for	

Attached are: *i*. Location & acreage dedication plat

2. Supplemental drilling data

3. Surface use plan

IN ABOVE SPACE DESCRIPTS PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive some and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subserface locations and measured and true vertical depths. Give blower preventer program. If any.

Production Clerk 7/18/84 na TITL DATE 810 1920

(This space for Federal or State office use)

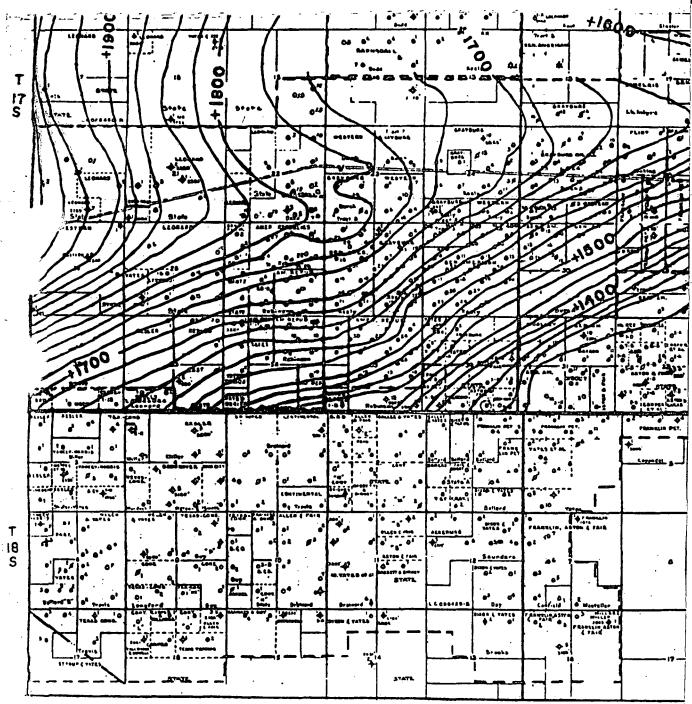
PESMIT FO	ATTROVAL DATE	
		7-26-81
CONDITIONS OF AFFEOVAL, IF ANY :		APPROVAL SUBJECT TU GENERAL REQUIREMENTS AND SPECIAL STIPULATIONS
"See Instructio	ns On Revene Side	ATTACHED

ないの理由のない

Sec. Sec.

-

2414 12		WELL LOO					1	iupersede Ettective
Lerator		All distan	cee must be from t	die auter boundaries	of the Section		Well tic	- <u></u>
Marb mit Letter	ob Energy ( Isecuon	Corporation		M Dodd A	10	· .	35	·
M	14	17 Sou	ith	29 East	County Eddy	County	!	
ctual Footage Loc 33()	ation of Well:	South	line and	330	feet from the	West	••••	
round Løvel Elev. 3623	Producing	Formation	Peo		سندوحه بمناك التهيم واستادا		Dedicated Acre	age:
		Andres		rayburg Jacks Wy colored peaci			<u>40</u>	
	·· *		e extrat	C Userrate	· · ·		•	• •
2. If more th	an one lesse ad royalty).	is dedicated	to the well, ou	tline each and i	identify the o	wnership th	creof (both a	s to wa
		· · · · · · ·	360* 760*	Que Coe			· · ·	
				cated to the wel	ll, bave the in	terests of	all owners b	een con
dated by C	ommuniti <b>zatio</b> i	n, unitization, 1	ince-pooling.	F LC :	<i></i>			
🔲 Yes		f answer is "y	es;" type of co	neolidation				
if answer	is "no!" list t	he owners and	tract descripti	ions which have	actually been	consolida	ted. (Lise rev	eren a:
this form i	f necessary.)_							
No allowat	le will be ass	igned to the we	ll until all inte	erests have been	o consolidate	d (by comm	nunitization,	unitiza
torced-pool	ling, or otherwi	(ne) or until A n	on-standard un	it. eliminating a	uch interests.	, has been a	approved by t	he Con
sion.	B. or other wi							
sion.			·					<u></u> .
sion.			·				CERTIFICATIO	)N
sion.			·				CERTIFICATIO	
sion.			·	ATAR - 7/3 DIN GRA 9.		1 hereby ce tained pere	artify that the in ain is true and c	formation ompleted
sion.			·			1 hereby ce tained pere	artify that the in	formation ompleted
sion.			·			I hereby ce tained bere byst of my	artify that the in ain is true and c	formation ompleted
sion.			·			I hereby ce tained bere bast of my Name	artify that the in an is true and control to the second by	formation omplete
sion.			·		56 Con 24 948486	I hereby ce toined here best of my Name Carolyn Fosition	ortify that the in oin is true and co knowledge and b Crris	formation ompleted
sion.			·		56 Can 24 94 84 86	I hereby ce tained here bai of my Name Carolyn Fosition Producti	artify that the in an is true and control to the second by	formation omplete 1
sion.			·		56 Can 24 94 84 86	I hereby ce tained here by t of my Name Carolyn Fosition Producti Company	ortify that the in oin is true and co knowledge and b Crris	formation omplete velief.
sion.			·		56 Con 200 48486	I hereby ce toined here basi of my Name Carolyn Fosition Productio Company Marbob E Date	ortify that the in bin is true and control knowledge and b Use of the Orris ion Clerk	formation omplete velief.
sion.			·		56 Con 200 48486	I hereby ce toinedhere byst of my Name Carolyn Fosition Producti Company Marbob E	ortify that the in bin is true and control knowledge and b Use of the Orris ion Clerk	formation omplete velief.
sion.			·		56 Con 200 48486	I hereby ce toined here basi of my Name Carolyn Fosition Productio Company Marbob E Date	ortify that the in bin is true and control knowledge and b Use of the Orris ion Clerk	formation omplete t velief.
sion.			·		56 Con 200 48486	I hereby ce toined here byst of my Name Carolyn Fosition Producti Company Marbob E Date 5/31/84	ortify that the in bin is true and control knowledge and b Use of the Orris ion Clerk	formation omplete velief. porat.
sion.			·		56 Con 200 48486	I hereby ca toined here byst of my Name Carolyn Fosition Producti Company Marbob E 5/31/84	ortify that the in oin is true and control throwledge and b Orris ion Clerk Energy Cor, ertify that the ois plat was plat	formation omplete selief porat, well loc ted from
sion.			·		56 Con 200 48486	I hereby ce tained bere bast of my Name Carolyn Fosition Productio Company Marbob E Date 5/31/84	ertify that the in bin is true and control to the second s	formation omplete telief. porat: well loca ted from side by m
sion.			·		56 Con 200 48486	I hereby ce toined here byst of my Name Carolyn Fosition Production Company Marbob E Date 5/31/84	ortify that the in oin is true and control throwledge and b Orris ion Clerk Energy Cor, ertify that the ois plat was plat	formation omplete telief. porat: well loca red from ode by w
sion.			·		56 Con 200 48486	I hereby ce toined here byst of my Name Carolyn Fosition Production Company Marbob E Date 5/31/84	ortify that the in bin is true and co knowledge and k	formation omplete telief. porat: well loca red from ode by w
sion.			·	ATTAR - 7/3 2 IN GRA 7.	56 Con 200 48486	I hereby ce toined here bysi of my Name Carolyn Fosition Producti Company Marbob E Date 5/31/84	ortify that the in bin is true and co knowledge and k	formation omplete telief. porat: well loca red from ode by w
sion.			·	ATTAR - 7/3 2 IN GRA 7.		I heraby ce toined here byst of my Name Carolyn Fosition Producti Company Marbob E Date 5/31/84 I heraby ce shown on th notes of ac under my su is true and knowledge a	ertify that the in bin is true and co knowledge and k Orris ion Clerk Energy Cor, ertify that the bis plat was plat trual surveys man parvision, and the and belief.	formation omplete telief. porat: well loca red from ode by w
sion.			·	ATTAR - 7/3 2 IN GRA 7.	56 Con 20 48486	I hereby ce toined here bysi of my Name Carolyn Fosition Producti Company Marbob E Date 5/31/84	ertify that the in bin is true and control of the indication of the indication Orris ion Clerk Energy Cor, ertify that the bis plat was plat trual surveys man pervision, and the end belief.	formation omplete telief. porat: well loca red from ode by w
sion.			·	ATTAR - 7/3 2 IN GRA 7.	56 Con 20 948486	I hereby ca toined here byst of my Name Carolyn Fosition Producti Company Marbob E 5/31/84 I hereby ca shown on the notes of oc under my su is true and knowledge a	ortify that the in oin is true and control of the indication of the indication Orris ion Clerk Energy Cor, entify that the ois plat was plat trual surveys may pervision, and the ord belief. 1984	formation amplete selief porat; well lock red from ade by m that the p



R 29 E

r,

Paul G. White Engineering OIL AND NATURAL GAS

November 5, 1984

Marbob Energy Corporation P.O. Drawer 217 Artesia, New Mexico 88210

Re: Pertinent Engineering Data M. Dodd A No. 35 Grayburg Jackson Eddy County, New Mexico

Gentlemen:

The subject well, located 330' FSL and 330' FWL, Section 14-T17S-R29E, Eddy County, New Mexico was completed on October 6, 1984.

I have estimated the oil and gas reserves for the subject well based on a 20 acre well density. From the electrical log and analagous well studies I have estimated that the well will recover 18,140 barrels of oil and 23,680 MCF of gas.

A study of nearby producing well rates and initial potentials reveals that wells will have to be drilled on a 20 acre spacing to properly and adequately recover the oil and gas reserves in this field.

Therefore, it is my recommendation that in-fill wells be drilled and the well density be increased to at least 20 acre spacing.

From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed Petroleum Engineer

Date 11 - 5 - 94

PGW/sf

Rule 11:

Notice of this infill request has been sent to Phillips Oil Co., 4001 Penbrook, Odessa, Texas 79762, as the offset operator.

# **Marbob Energy Corporation**

P. O. DRAWER 217 ARTESIA, NEW MEXICO 88210

November 6, 1984

- OFFICE PHONE -(505) 748-3303 (505) 746-2422

NIGHT PHONES --(505) 748-6197 (505) 748-6500

Dear Sirs:

Notice is hereby given to you as an offset operator to the request of Marbob Energy Corporation to the New Mexico Oil Conservation Division for an infill finding on the following well:

> M. Dodd "A" #35 330 FSL 330 FWL Sec. 14-T17S-R29E Eddy County, N.M.

This notice is given pursuant to the Special Rules and Regulations Natural Gas Policy Act Infill Finding Administrative Procedure (amended February 8, 1980). These special rules and regulations shall apply to effective and efficient drainage findings for completed infill wells pursuant to Section 271.305 of the final Rules and Regulations of the Federal Energy Regulatory Commission relating to Section 103 of the Natural Gas Policy Act of 1978.

If there are any questions please contact me.

Very truly yours,

Notice to Offset Operators

uralla Carolyn Purcella

Land Department

RPM/co