STATE OF NEW MEXICO ENERGY AND MIMERALS DEPARTMENT

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

ADMINI	ST	'RAT'I	VE	ORDER
NFL		136		

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

Operator_	MAPROB ENERG	GY CORPORATION		_ Well Name	and No.	COLLIER STATE	WELL NO. 17	
Location:	UnitL	Sec22	Twp. 17 SOUTH	Rng. 28 EAST	Cty	EDDA		
11.								
THE CIVIS	POR FINDS:							
promulyat well to d find, pri- efficient drained b requireme	ed pursuant walify as a cor to the color to the color and a corp exist nus.	to the National new onshore commencement portion of the ing well with the commencement of the commence of the	aral Gas Police production we of drilling, the reservoir thin that unit	y Act of 197 ell under Se that the wel covered by t , and must g	78 provide ection 10: 11 is nece the prorat grant a wa	es that, in of said Action unit what it is existed as a contract with a contract with a contract with a contract and action unit which action are a contract as a contract and action are a contract as a contract as a contract and action are a contract as a contract and action are a contract as a contract and action are a contract as a contract and a contract are a contract as a contract and action are a contract as a contract and a contract are a contract as a contract and a contract are a contract as a contract and a contract are a contract and a contract and a contract are a contract and	ich cannot be so sting well-spacing	ust g
procedure	whereby th	ne Division (dated June 7, Director and t l well is nece	he Division	ivision e Examiner	stablished a s are empowe	n administrative red to act for th	ıe
			inding is soud				D LAKE QUEEN GRAYBURG	
(4) That			e proration un				4Ua	cres.
	22 . Tw						COLLIER STATE WELL N	8 . Ov
			located in Uni	-	_			
(5) That previously	this prora y approved	tion unit is by Order No.	(X) standard	1 () nonst	andard; i	f nonstandar	d, said unit was	
(6) That well(s) or	said prora n the unit.	tion unit is	not being ef	fectively an	d efficie	ently drained	l by the existing	
the produc	the drilli tion of an be recover	additional	etion of the v 16,312	well for whi MCF of gas	ch a find from the	ling is sough proration u	nt should result : unit which would :	in not
for which	a finding	is sought is	necessary to	effectively	and effi	ciently drai	d that the well n a portion of th sting well within	ne n
							on unit; the subject of the subject	
1T 15 THE	PEFORE ORDE	RED:	•					
infill well for infill and is nec	ll on the e L drilling cessary to	xisting pror granted by t permit the d	ation unit des	scribed in S an exception portion of t	Section II to appli the reserv	(4) above. cable well sooir covered	ection I above as The authorization spacing requirement by said proration thereon.	n nts
	jurisdicti may deem ne		cause is retain	ned for the	entry of	such further	orders as the	
DOME at S	inta Fe, Ne	w Mexico, or	this 20th	day of	JUNE .	o la	19_86	
				Mi	full	Slague.	>	
				DIVISION		EXVVIII	IER /	•

OLE CONSERVATION DIVISION P. OL BOX 2088 SANTA PE, NEW MEXICO 87501

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT ADMINISTRATIVE ORDER

INFILE DRILLING FINDINGS AND WELL-SPACING WAIVER
MADE PURSUANT TO SECTION 271.305(b) OF THE
PEDERAL 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. Collier State Well No. 17
Location: Unit L Sec. 22 Twp. 17 South Rng. 28 East Cty. Eddy
II. 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 am infill well is necessary.
(3) That the well for which a finding is sought is to be completed in the Ned Lake Guera Grayburg San Andres Pool, and the standard spacing unit in said pool is 40 acres (4) That a 40 -acre provation unit comprising the Nully Sully
of Sec. 12 . Twp. 17 South, Rng. 28 East, is currently dedicated to the Collier State Well. No. 8 Tocated in Unit & of said section.
(5) That this proration unit is () 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 /6.3/2 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
DIVISION DIRECTOR EXAMINER



OIL CONSERVATION COMMISSION

STATE OF NEW MEXICO P. O. BOX 2088 - SANTA FE

87501

GOVERNOR BRUCE KING CHAIRMAN

LAND COMMISSIONER
ALEX J. ARMIJO
MEMBER

STATE GEOLOGIST A. L. PORTER, JR. SECRETARY – DIRECTOR

STATE OF NEW MEMICO EMERGY AND MINERALS DEPARTMENT

I.

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

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NFL	136	

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_	Marbo	b Ene	ergy Corp.			Well Name	and No.	Colli	er State	Well No) . 17
	Location:	Unit	L	Sec. 22	_{Twp} .17	So.	Rng. 28 Ea	st Cty	Eddy			
	II. THE DIVISI	ION FIN	IDS:			· ·					, .	
	well to que find, price efficient	ed pursualify or to	uant as a he co n a p	to the Nat new onshor mmencement ortion of	ural Gas e production of dril the rese	Policition voir	Energy Regul cy Act of 19 well under 9 that the we covered by t, and must	978 provi Section lell is no the prov	ides that, 103 of sai ecessary t cation uni	in order d Act, th o effecti t which o	for anse bivising the biving the biving the biving the best for the be	infill ion must l so
	procedure	whereh	by the		Director	and	1979, the the Divisio essary.			npowered (to act fo	or the
							ught is to h			·	Lake Que	een
Gra	(4) That	a 4	es 10	Pool, and_ acr_	the sta	indard ion ui	spacing un	it in sai ing the	ld pool is NW/4 SW	40		acres
	of Sec.	22	, Twp	. 1/ 50.	Rng. 2	8 Eas	t, is curre	ently dec	licated to	the CO	llier Si	tate Wel
	(5) That previously	this p appro	rorat ved b	ion unit i y Order No	s (X) s	tandaı n/a	rd () nons	standard;	if nonst	andard, s	aid unit	: was
	(6) That well(s) or			ion unit i	s not be	ing e	ffectively a	and effic	ciently dr	ained by	the exis	sting
	(7) That the produc otherwise	ction o	f an	additional	letion o	f the	well for when MCF of ga	nich a fi as from t	inding is the prorat	sought sh ion unit	ould res	ult in ould not
٠	for which	a find	ing i	s sought i	s necess	ary to	R-6013 have o effectivel ch cannot be	y and ef	ficiently	drain a	portion	of the
	(9) That application pool.	in ord on shou	ler to	permit ef approved	fective as an ex	and exception	fficient dra on to the s	ainage of tandard v	f said pro vell spaci	ration un ng requir	it, the ements f	subject for the
•	IT IS THEF	REFORE	ORDER	ED:					-			
	infill well for infill and is neo	ll on t drill cessarv	he ex ing g	isting pro ranted by ermit the	ration u this ord drainage	nit de ler is e of a	to drill the scribed in an exception portion of ntly drained	Section on to app the rese	II(4) abo olicable w ervoir cov	ve. The vell spaci vered by s	authoriz ng requi aid pror	zation irements
	(2) That Division m				ca use is	reta	ined for the	e entry o	of such fu			:he
	DONE at Sa	nnta Fe	, New	Mexico, o	n this_	20th	day of	J	une.	, 19_	<u>86</u> .	
			•				•					•
										•		

DIVISION DIRECTOR

EXAMINER

STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT.

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

ADMINIS	ORDER	
NFL	136	

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

"""我们就是我们的,我们就是一个人的,我们就是我们的,我们就是一个人的,我们就是一个人的,我们就没有一个人的。""我们是这个人的,我们就是这个人的,我们就是这
Operator MARBOB ENERGY CORPORATION Well Name and No. COLLIER STATE WELL NO. 17
Location: Unit L Sec. 22 Twp. 17 SOUTH Rng. 28 EAST Cty. EDDY
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 well for which a finding is sought is to be completed in the RED LAKE QUEEN GRAYBURG
SAN ANDERS Pool, and the standard spacing unit in said pool is 40 acres
(4) That a 40 -acre proration unit comprising the NW/4 SW /4 of Sec. 22 , Twp. 17 SOUTH , Rng. 28 EAST , is currently dedicated to the COLLIER STATE WELL NO. 8 located in Unit L 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 16,312 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 20th day of JUNE , 19 86 .

DIVISION DIRECTOR

REQUEST FOR INFILL FINDING ON COLLIER STATE #17 in accordance with Administrative Procedures amended February 8, 1980

PPROVED BY		Inspector		DA	Y	
(This space for S	Original :	Signed By Villiams		•	JA	N 11 1985
igned (Mal-	Justel	Tule	Production Clerk	Do	se	U/85
hereby certify that the information	above le vrue and	s complete to the best of a				
N ABOVE SPACE DESCRIBE PRO IVE JOHE, CIVE BLOWOUT PREVENTE	POSED PROGRA	MI IF PROPOSAL IS TO BEEL	PEN OR PLUS BACK, GIVE DATA	OR PRESENT PRODU	CLIAE SONE	AND PROPOSED NEW PROPUC
	٠.		•	UNLESS DRI		
				approval v Permit expi	ALID FOR	14- 85
·						10 A
				•		
	•			,	. •	
San Andres zone,	run 5‡" ca	sing, cement and	d put on producti	on.		
We propose to di	ill to 500'	, set 8 5/8" ca.	sing, drill on to	3500' to to	est the	
	•					
				1		
7 7/8"	5 1/2"	15.50#	3500'		t to cir	
SIZE OF HOLE 12 1/4"	8 5/8"	SING WEIGHT PER I	FOOT SETTING DEP			EST. TOP circulate
TOTE OF DOLE	SIZE OF OA		G AND CEMENT PROGRAM	···		50
23.						
3611.6' GR		A. Kind & Sictus Plug. Bo Statewide active			1	. Date Work will start 19/85
			3500'	San Andr		Rotary
			18. Proposed Depth	19A. Formation		20. fiolary or C.T.
	HHHH					titititinn
					12. County Eddy	
AND 330 PEET FROM	THE West	LINE OF SEC. 2	2 vwp. 175 .cc.	28B NMPM		
4. Location of Well	ca L	LOCATED 1980	FEET FROM THE SOU	thtire		
P.O. Drawer 217						se On Grbg SA
Marbob Energy Co	orporation		· · · · · · · · · · · · · · · · · · ·	·	17	nd Pool, or Wildcat
2. Name of Operator	J OTHER		SINGE X	2046	9. Well No.	er St.
b. Type of Well	- 1 ·	ocer en [_]		MOLTIPLE		.ease Nume
DRILL X	1	DEEPEN 🔲	ARTESIA, OFFICE	UG BACK	Unit Agr	remem trams
APPLICATION APPLIC	N FOR PERM	IT TO DRILL, DELI	PEN, OPPRINDBACK		7. Unu Acr	sement Name
DPERATOR	4		JAN 111985		Till	THITTHING THE
U.1.G.1,	1				5, State Of B-19	6 Gas Louse No.
SANTA FE		57.77	RECEIVED BY	e de	BYATE	
thisTRINUTION		· ·	OX 2088 W <u>MEXICO 87581</u>			015-25/59
ENERGY MINERALS DEP		OIL CONSERV	ATION DIVISIO	N	form C-10	
STATE OF NEW MEX	CO			(•
		and the second s				.

Form C-102 Supersedes C-128 Effective 1-1-65

N MEXICO OIL CONSERVATION COMMISS

All distances must be from the outer boundaries of the Section.

Ciperator			Lease				Well No.	
	ENERGY CORP.	12		COLLIER STATE .			. 17	
,⊕nit Letter	Section	Township	Range		County			
Actual Footage Loc	22	17 SOUTH		28 EAST	<u>E</u>	DDY		
•	0.	OUTH	220			urem		
1980 Ground Level Elev.		OUTH line and	330 Pool	tee	t from the	WEST	line	
3611.6	San And	_	1	ake Qn Gı	rha Cl		ated Acreage:	
							Actes	
2. If more the interest and a lf more the dated, by the life answer this form in No allowa	han one lease is nd royalty). an one lease of dommunitization, to the lease of dommunitization, to the lease of the lease	dedicated to the we dedicated to the we different ownership is unitization, force-pool nawer is "yes," type owners and tract des ded to the well until a or until a non-standa	dedicated ting. etc? of consolida	o the well, ition	have the in	n consolidated.	(Use reverse side of ization, unitization, oved by the Commis-	
	 		1	*		I hereby certify tained herein is best of my know	that the information con- true and complete to the ledge and belief.	
	+		i-			Carolyn Pu	rcella	
	‡ 1		; !			Production Company	Clerk	
ł	i . i		Í				rgy Corporation	
·	1		. !			Date 1/10/85		
086					.	shown on this planetes of actual under my supervi	1985 Ional Engineer	
0 330 660	90 1920 1680 196	0 2810 2640 2000	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1000 80		Certificate No. JOH	N W. WEST, 676 ALD J. EIDSON, 3239	

Rule 6:

Collier State #17

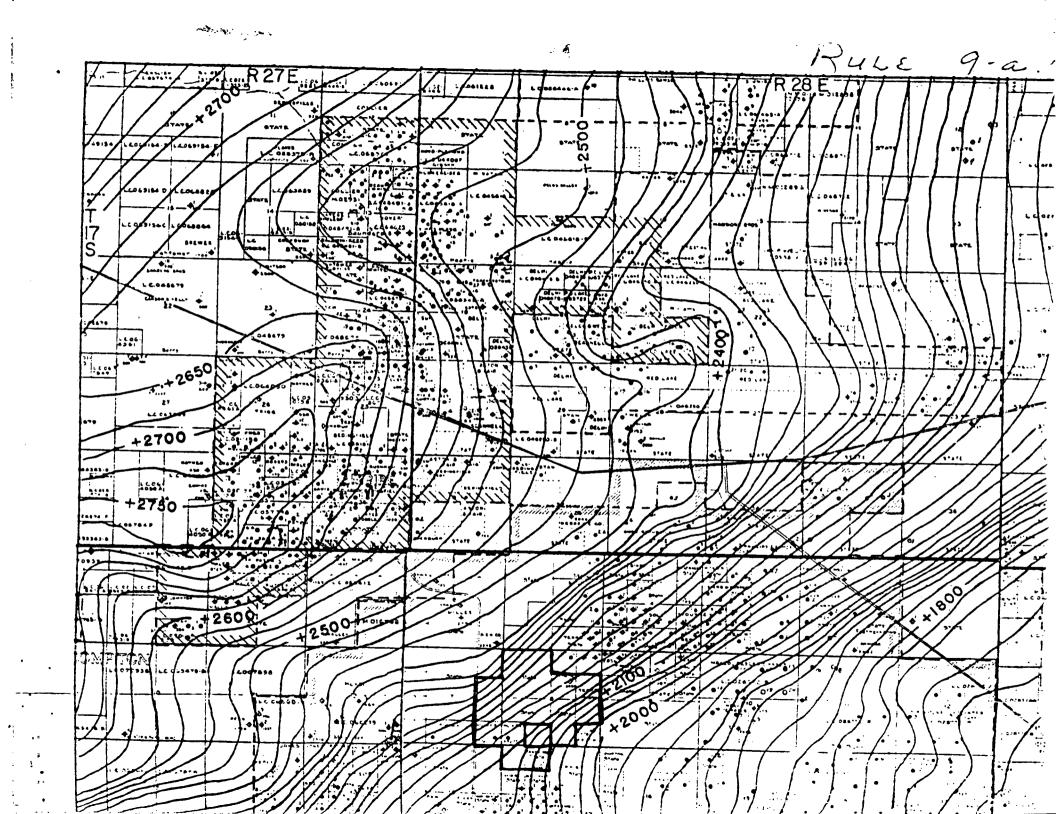
Pool: Red Lake Queen Grayburg San Andres
Standard spacing unit - 40 acres

Rule 7:

NA

Rule 8:

- a. Collier St. #17 1980 FSL 330 FWL Sec. 22-T17S-R28E Collier St. #4 - 2310 FSL 330 FWL Sec. 22-T17S-R28E Collier St. #8 - 1650 FSL 990 FWL Sec. 22-T17S-R28E
 - b. #17 1/21/85 # 4- 3/28/35 # 8 - 1/16/37
 - c. #17 3/7/85 # 4 - 5/27/35 # 8 - 3/1/37
 - d. None
 - e. #17 24 bbl oil, 75 mcf gas/day #4 - None #8 - None
 - f. NA
 - g. Collier St. #4 & 8 were both TD'd above the highest perforation in #17. Both #4 & 8 are no longer commercial and have or will be plugged & abandoned soon. The #17 experienced new reservoir type conditions and we feel the additional drilling was justified.



Paul G. (White Engineering

OIL AND NATURAL GAS

May 1, 1985

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

Pertinent Engineering Data Collier St. Well No. 17 Red Lake Q-GR-SA Eddy County, New Mexico

Gentlemen:

The subject well, located 1980' FSL and 330' FWL, Section 22-T17S-R28E, Eddy County, New Mexico was completed March 8, 1985.

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 19,484 barrels of oil and 16,312 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 lease 20 acre spacing.

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

> Signed etroleum Engineer May 1, 1985 Date

Rule 11:

Notice of this infill request has been sent to American Petrofina Co. of Texas, P.O. Box 2990, Midland, Texas 79702; Kersey & Co., 808 W.Grand St., Artesia, N.M. 88210; and Van Welch, P.O. Box 742341, Houston, Texas 77274-2341.

REQUEST FOR INFILL FINDING ON COLLIER STATE #17 in accordance with Administrative Procedures amended February 8, 1980

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STATE OF NEW MEX	ico ((
ENERGY MINERALS DEP		CONSERVAT	ION DIVISION	-		
		P. O. BOX 2			form C-10 Revision L	
DISTRIBUTION						815-25159
SANTA I'C	3	ANTA FE, NEW M	TOTILED BY	g to	SA. Indica	
FILE		l R	ECEIVED BY	1	****	
U.S.G.S.		ţ		1	1	1 & Gus Loune No.
LANU OFFICE			JAN 111985		B-1	969
OPERATOR			_	<u> </u>		
APPLICATION	ON FOR PERMIT TO	O DRILL, DEEPEN,	OIOPICIOBACK.			
in. Type of Work			ARTESIA, OFFICE	D	7. Unii Agi	eoment Name
DRILL X	η	DEEPEN _		BACK .	ļ	<u> </u>
b. Type of Well	 -		PLUG	BACK	8. Farm or	Lease Nume
	07868	•	BINGLE X MU	11046	Co111	er St.
2. Name of Operator			1046 (25)	1045	9. Well No.	
Marbob Energy C	orporation				17	
3. Address of Operator						nd Pool, or Wildcat
P.O. Drawer 217	. Artesia. N.M.	88210		1		ke Qn Grbg SA
2 4 4 4 4 4		3,000	Conth		777777	te an orda su
4. Location of Well Unit LETT	CA	DEATED 1980	PEET FROM THE SOUTH	LINE {		
		4 T				
AND 330 PEET FROM	THE West	NE OF SEC. 22	INP. 175 DEC. 20	BB pupu	7777777	mmini
					12. County	
					Eddy	
			8. Froposed Depth	SA. Formation		20. Notary er C.T.
			3500°	San Andr	es	Rotary
-1. Elevetions (Show whether Dr	KT. etc.) 21A. Kind	i & Status Plug. Band 2	1B. Drilling Contractor		22. Approx	. Date Work will start
3611.6' GR	State	wide active	Larue Drilling	CO.		/19/85
23.		 				
•	,	PROPOSED CASING AND	CEMENT PROGRAM	•		
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	- CCTT144C 0C0T14			
12 1/4"	8 5/8" .					EST. TQP
7 7/8"	5 1/2"	24#	5001			L
7 7/8"	3 1/2	13.30#	3500'	Attemp	t to cir	сшате
		· ,	· ·	j		
•		•	I	•	ì	
	•					•
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We propose to dr					est the	
San Andres zone,	run 5%" casing	, cement and pu	t on production.			
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	•		•			
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				•		
		•		•	•	
	•					
		· ·				
			APi	PROVAL V	ALID FOR	PAYS DAYS
			PF	RMIT EXPI	PES 7-	14- 85
	• .			NLESS DRI		
			O	. TELOU DRI	FEIING OI	ADPIVARUIT
						•
ABOVE SPACE DESCRIBE PACE 10HC, CIVE SLOWOUT PREVENCES	PPOSED PROGRAMI IF F B PROGRAM, IF ANY,	ROPOSAL 18 TO DELPEN OR	PLUS BACR, GIVE DATA ON	PRESENT PRODU	CTIVE BONE	LND PROPOSED MEW PROPUL
seeby continues the information			r			
	above lawns and some	lete to the home of my box	minden and halle!			
	above le grue and comp	lete to the best of my kap	wiedge and belief.	·		
Ser. I	above leyrue and comp	•	eviedge and belief.	Pn .	. 1/10	0/85

JAN 11 1985

Original Signed By
Mike Williams
PROVED BY
HOITIONS OF APPROVAL, IF ANY

Form C-102 Supersedge C-128 Effective 1-1-55

N MEXICO OIL CONSERVATION COMMISS WELL LOCATION AND ACREAGE DEDICATION PLAT All distances must be from the outer boundaries of the Section.

Ciperator			Lease		Well No.
MARBOB EN	ERGY CORP.		COLLIER ST	ATE	1.7
L'nit Letter Se	1	Township	Roznge	County	
L.	22	17 SOUTH	28 EAST	EDDY	
Actual Footage Location					
1980 te	et from the SOL	***************************************		eet from the WEST	line
Ground Level Elev.	Producing Form		Pool		Dedicated Acreage:
3611.6	San Andı	es	Red Lake Qn	Grbg SA	40 Acres
2. If more than interest and r 3. If more than charter by common Yes If answer is this form if ne No allowable	one lease is covalty). one lease of differentiation, un No If and 'no,' list the or cessary.)	ferent ownership is a itization, force-pooling wer is "yes," type owners and tract description to the well until all	dedicated to the welling. etc? f consolidation riptions which have a	actually been consoli	the plat below. thereof (both as to working of all owners been consolidated. (Use reverse side of mmunitization, unitization, en approved by the Commis-
sion.				Name Carol Position Produ Company	CERTIFICATION If certify that the information con- mercin is true and complete to the my knowledge and belief. If yn Purcella Iction Clerk The Energy Corporation
086 				1/10/ I hernby shown of notes of under my is true knowled Date Surve JANUAL Registered and/or Lan	r certify that the well location in this plat was plotted from field actual surveys made by me or respervision, and that the same and correct to the best of my ge and belief. Yed RY 3, 1985 Professional Engineer in Surveyor
0 330 660 90	1920 1000 1000	2310 2840 2000	1800 1000 8	BOQ O	No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239

Rule 6:

Collier State #17

Pool: Red Lake Queen Grayburg San Andres

Standard spacing unit - 40 acres

Rule 7:

NA

Rule 8:

- a. Collier St. #17 1980 FSL 330 FWL Sec. 22-T17S-R28E Collier St. #4 - 2310 FSL 330 FWL Sec. 22-T17S-R28E Collier St. #8 - 1650 FSL 990 FWL Sec. 22-T17S-R28E
- b. #17 1/21/85 # 4- 3/28/35 # 8 - 1/16/37
- c. #17 3/7/85 # 4 - 5/27/35 # 8 - 3/1/37
- d. None
- e. #17 24 bbl oil, 75 mcf gas/day #4 - None #8 - None
- f. NA
- g. Collier St. #4 & 8 were both TD'd above the highest perforation in #17. Both #4 & 8 are no longer commercial and have or will be plugged & abandoned soon. The #17 experienced new reservoir type conditions and we feel the additional drilling was justified.

Paul G. White Engineering

OIL AND NATURAL GAS

May 1, 1985

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

Re: Pertinent Engineering Data Collier St. Well No. 17 Red Lake Q-GR-SA Eddy County, New Mexico

Gentlemen:

The subject well, located 1980' FSL and 330' FWL, Section 22-T17S-R28E, Eddy County, New Mexico was completed March 8, 1985.

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 19,484 barrels of oil and 16,312 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 lease 20 acre spacing.

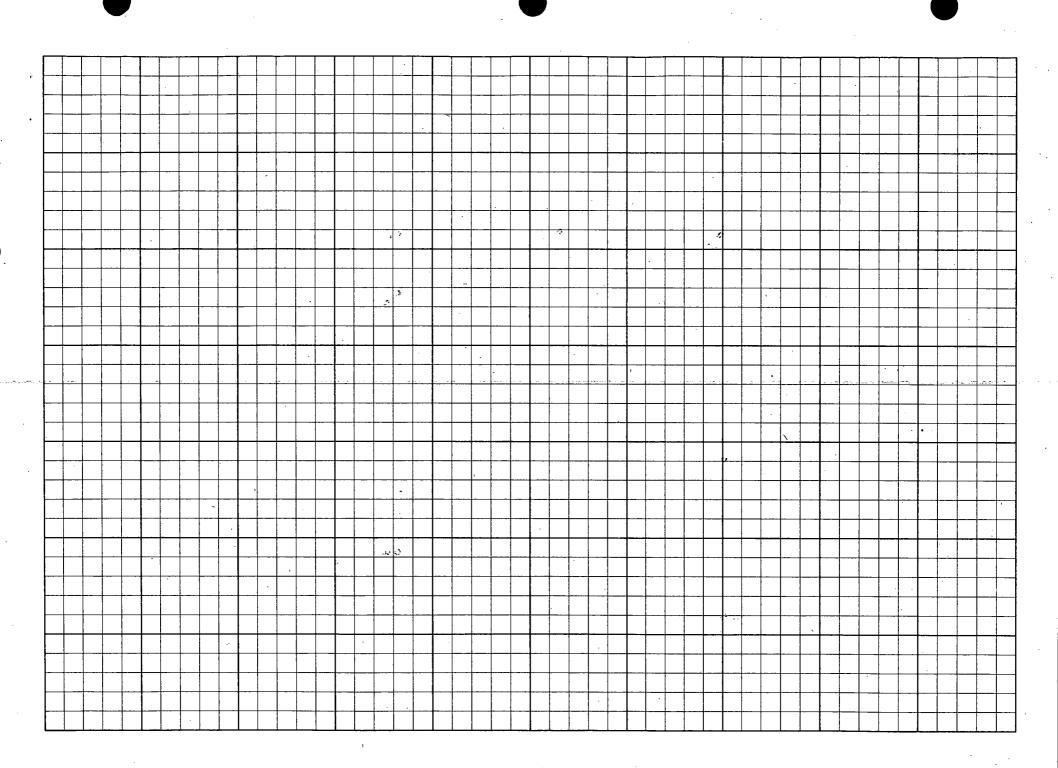
From my study the in-fill wells will characteristically exhibit new reservoir conditions.

Signed Petroleum Engineer

Date May 1, 1985

Rule 11:

Notice of this infill request has been sent to American Petrofina Co. of Texas, P.O. Box 2990, Midland, Texas 79702; Kersey & Co., 808 W.Grand St., Artesia, N.M. 88210; and Van Welch, P.O. Box 742341, Houston, Texas 77274-2341.



Warren Hanson dba / Hanson Energy

Zait Well No. 1

1650 FSL- 330' FWL

Spud: 8/9/19

East Empire Vates Seven Rivers Completion

2) Warren Hanson dba / Hanson Energy

Zait Well No. 3

1665 FSZ - 792 FWL

Spud: 10/19/19

East Empire Vates Seven Rivers Completion

3) Warren Hanson dba / Hanson Energy

Zoit Well No. 2

2310 FSL - 990 FWL

Sped : 9/17/78

East Empire Vales Seven Rivers Completion

Warren Hanson dba / Hanson Energy

Zait Well No. 4

2310 FSL - 450 FWL

Soud: 11/28/79

East Empire Vates Seven Rivers Completion

5) Markob Energy Corporation

Collies State Well No. 4

2310 FSL - 330 FAIL

Spud: 3/28/35

Red Lake Queen Grayburg San Andres Pool Completion

P+A'cd: 6/24/85

Cummilative Production :

Gas - D MIF

Dil - 6600 BO

Well was converted to a water injection well - 1963

(1) Marbob Energy Corporation

(2) - 11704 ALF

(2) - 330 'FWL

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6) Marbob Energy Corposation
(6) 1111 Stote Well Ab. 8

Sport: 1/16/37

Converted to a water injection well - Sept. 1966 (Wex Mo. 337)

Converted to a water injection well - Sept. 1966 (Wex Mo. 337)

Converted to a water injection well - Sept. 1966 (Wex Mo. 337)