

OIL CONSERVE ON DIVISION RECEIVED

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September 1, 1993

William LeMay, Director Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87504-2088

Attention: Mr. Mike Stogner

## RE: Unorthodox Well Location

Dear Mr. Stogner:

Marbob Energy Corporation respectfully requests an administrative approval without notice and hearing of three unorthodox well locations pursuant to Rule 104, Section F (1) of the New Mexico Oil Conservation Division. The well locations legal descriptions are as follows:

Burch-Keely Unit No. 215

1295 feet from the South line, 1345 feet from the West line Section 13, Township 17 South, Range 29 East, Eddy County, New Mexico

Burch-Keely Unit No. 216

1980 feet from the South line, 2615 feet from the East line, Section 23, Township 17 South, Range 29 East, Eddy County, New Mexico

Burch-Keely Unit No. 217 Kerly C #63

1345 feet from the South line, 2615 feet from the East line, Section 13, Township 17 South, Range 29 East, Eddy County, New Mexico

The wells will be completed in the Grayburg San Andres formation in the Grayburg Jackson Seven Rivers Queen Grayburg San Andres Pool.

Attached to the application are the following Exhibits:

- A. Well location and Acreage Dedication Plat (form C-102) filed with the Carlsbad office of the Bureau of Land Management. (Exhibit A)
- B. A plat showing the proposed unorthodox location, the respective proration unit, and the offsetting proration units including their ownership. (Exhibit B)

Please note that Marbob Energy Corporation is the operator of all offsetting proration units in the Grayburg San Andres formation of the Grayburg Jackson Seven Rivers Queen Grayburg San Andres Pool and therefore, no other operators are required to be notified. The geological support for this application is the same as was presented in the case which resulted in Order No. R-7808 which is the offsetting acreage to this unit.

Thank you for your help in this matter. Should you have any further questions or be in need of any additional information, please contact me.

Sincerely,

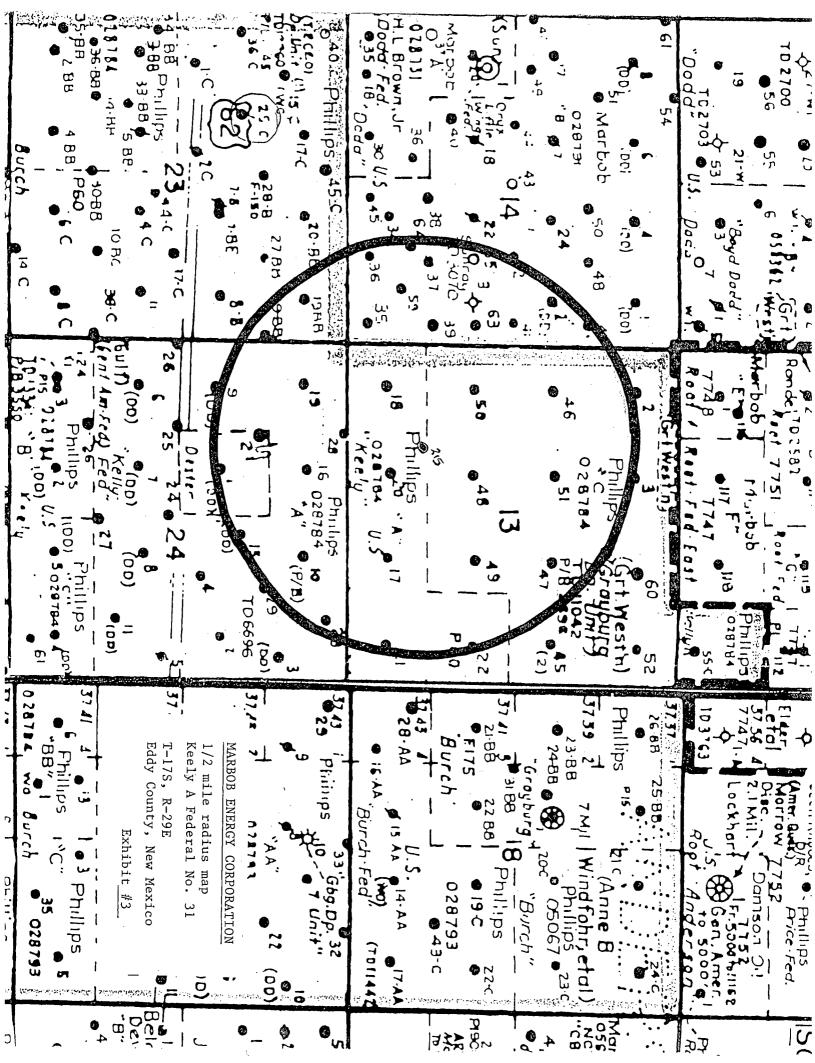
Raye Miller

Raye Miller Land Department

RM/mm Enclosures

Tajir v

State of New Mexico Submit to Appropriate Form C-102 **District Office** Energy, Minerals and Natural Resources Department Revised 1-1-89 State Lease - 4 copies Fee Lease - 3 copies OIL CONSERVATION DIVISION DISTRICT I P.O. Box 2088 P.O. Box 1960, Hobbs, NM 88240 Santa Fe, New Mexico 87504-2088 DISTRICT II P.O. Drawer DD, Artesia, NM 88210 WELL LOCATION AND ACREAGE DEDICATION PLAT DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410 All Distances must be from the outer boundaries of the section B Lease Well No. Operator MARBOB ENERGY CORPORATION 31 Keely A Federal Unit Letter Section Township Range County 17 SOUTH EDDY 13 29 EAST NMPM Actual Footage Location of Well: 1345 SOUTH WEST 1295 feet from the line and feet from the line Pool **Producing Formation** Dedicated Acreage: Ground Level Elev. 3614.5' 40 Gravburg San Andres Grbg Jacskon SR O Grbg SA Acres 1. Outline the accreage dedicated to the subject well by colored pencil or bachure marks on the plat below. 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 interest of all owners been consolidated by communitization, unitization, force-pooling, etc.? If answer is "yes" type of consolidation Yes No No If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary. No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division. OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the est of my knowledge and belief. Signature m Printed Name <u>Rhonda Nelson</u> Position <u>Production Clerk</u> Company <u>Marbob Energy Corporation</u> Date June 9, 1993 SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge an belief. Date Surveyed 3617.7'\_ 3615.8 FEBRUARY 9, 1993 Signature & Seal of 345 **Professional Surveyor** 3613.7 3613.2' M 7977 676 Certifi JOF ιta, đ. 32.39 ONAL ŝÔ 797 sġo 660 กลุ่ย 1320 1650 1980 2310 2640 2000 1500 1000 500 ¢.



form 3160-5 June 1990)		F THE INTERIOR	FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993
	BUREAU OF LAN	D MANAGEMENT	5. Lease Designation and Serial No.
Do not use this form	m for proposals to drill or	D REPORTS ON WELLS to deepen or reentry to a different reser RMIT—'' for such proposals	6. If Indian, Allottee or Tribe Name VOIT.
<u> </u>	SUBMIT IN	TRIPLICATE	7. If Unit or CA, Agreement Designation
1. Type of Well Oil Well Well	Other		NMNM88525X 8. Well Name and No.
2. Name of Operator Marbob Energy	Corneration		Burch Keely Unit #215 9. API Well No.
3. Address and Telephone No.	-		30-015-27573
		8210 505-748-3303	10. Field and Pool, or Exploratory Area
4. Location of Well (Footage,	Sec., T., R., M., or Survey Descript	tion)	Grbg Jackson SR Q Grbg
1295 FSL 134	5 FWL, Sec. 13-T175	5-r29E, Unit N	Eddy County, NM
12. CHECK A	PPROPRIATE BOX(s) T	O INDICATE NATURE OF NOTICE, R	
TYPE OF S	UBMISSION	TYPE OF AC	TION
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Subsequen	it Report	Plugging Back	Non-Routine Fracturing
		Casing Repair	Water Shut-Off
Einal Aba	ndonment Notice		
Final Aba	ndonment Notice	XX Other change from leas	e to Dispose Water
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Marbob E	nergy Corpo	ration	5	05-748-330	3	9. WELL NO.		
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 Subject to

 Like Approval

 By State

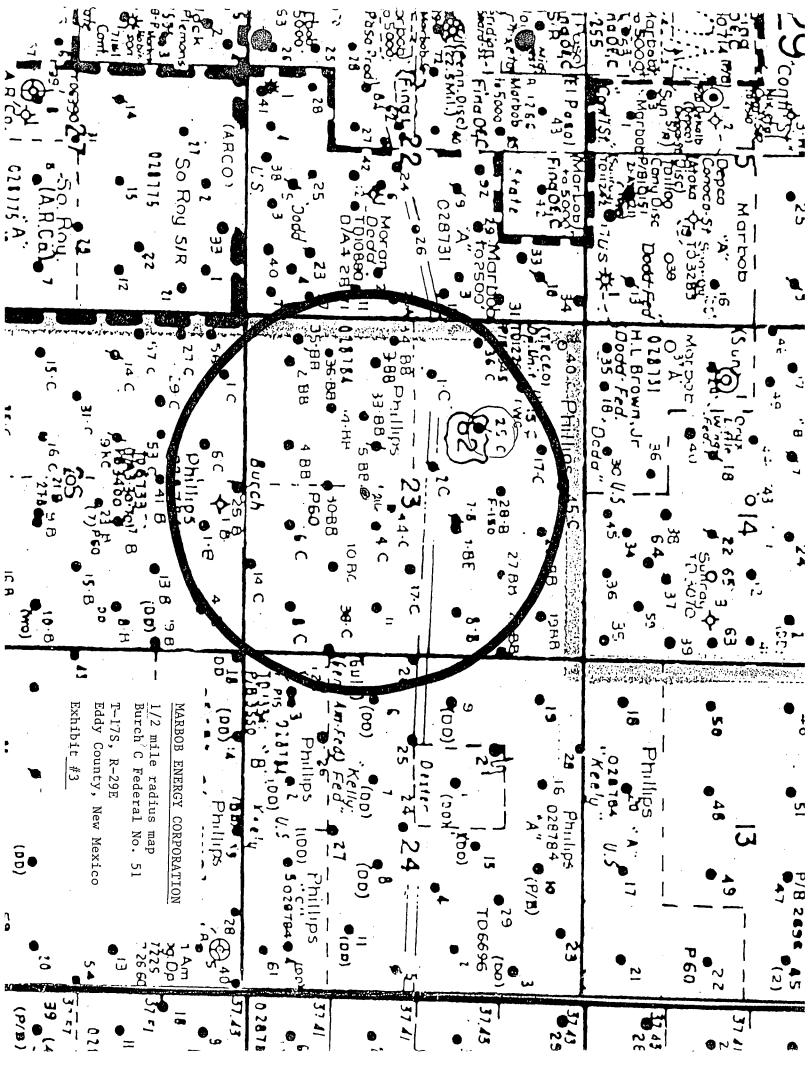
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		LAND MANAG			5. L	Expires: March 31, 1993 case Designation and Serial No.
	SUNDRY NOTICES	AND REPORT	S ON WELLS			C.T. 11
Do not use this for	m for proposals to d e "APPLICATION FC	rill or to deepen	or reentry to a o			f Indian, Allottee or Tribe Name
	SUBMI	T IN TRIPLICA	TE		7. 1	f Unit or CA, Agreement Designation
. Type of Well Oil Gas Well Well	Other	:				MNM88525X /ell Name and No.
2. Name of Operator					B	Burch Keely Unit #216
Marbob Energy 3. Address and Telephone No	-					PI Well No. 80-015-27574
	217, Artesia, NN		505-	748-3303	10. 1	Field and Pool, or Exploratory Area
	, Sec., T., R., M., or Survey ;	- 				<u>Grbg Jackson SR Q Grb</u> County or Parish, State
1980 FSL 261	5 FEL, Sec. 23-	T1/S-R29E, U	Jnit J		Ed	dy County, NM
2. CHECK A	PPROPRIATE BOX	(s) TO INDICA	TE NATURE O	F NOTICE, REI	PORT, C	DR OTHER DATA
TYPE OF S	UBMISSION			TYPE OF ACTI	ON	
Notice of	Intent		Abandonment			Change of Plans
			Recompletion			New Construction
	nt Report	ۆر •	Plugging Back			Non-Routine Fracturing
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Form 3160-3 (July 1989) Momerly 9-331C			D STATES	5	(	OONTACT REC OFFICE FOR OF COPIES RE Other instruct reverse sid	QUIRED	BLM Roswel Modified P NMD60-3160	'orm No. ⊢2	
		IREAU OF LA			`		ξ.	5. LEASE DESIGN		SERIAL NO.
					00			LC-02878		TRIBE NAME
	TION FOR I	PERMITIO	DRILL, L	JEEPEN,	<u>Ok</u>	PLUG BA	ACK	· · · · · · · · · · · · · · · · · · ·		
<ul><li>1a. TYPE OF WORK</li><li>b. TYPE OF WELL</li></ul>	DRILL		DEEPEN [		F	LUG BAC	к 🗆	7. UNIT AGREEM	ENT NAME	····
OIL WELL	GAS	OTHER		SINGLE Zone		MULTIPL ZONE		S. FARM OR LEA	SE NAME	
2. NAME OF OPERA		OTHER			34.	Aren Code 6 1	Phone No.	Keelv C	Federa	1
Marbob E	nergy Corpoi	ation			505	-748-330	3	9. WELL NO.		
3. ADDRESS OF OPE		······································						63		
P. O. Dr.	awer 217, An	tesia, NM	88210					10. FIELD AND I	POOL, OR P	ILDCAT
4. LOCATION OF W At surface	ELL (Report locatio	on clearly and in	accordance wit	th any State	require	ements.•)		Grbg Jac	kson S	SR Q Grbg
1345 FSI	L 2615 FEL							11. SEC., T., R., I AND SURVEY	M., OR BLK. OR AREA	•
At proposed pr	od. zone									
Same										
	MILES AND DIRECTI							12. COUNTY OR	PARISH 1	3. BTATE
East of	Artesia on	Hwy 82 app	roximatel					Eddy 🗠		<u>IM</u>
LOCATION TO	NEAREST			16. NO. OF	ACRES	IN LEASE		OF ACRES ASSIGNE	D	
(Also to near	LEASE LINE, FT. est drig. unit line,		451		440			40		
TO NEAREST V	M PROPOSED LOCAT WELL, DRILLING, CO	IPLETED.		19. PROPOS		ти	20. ROTA	RY OR CABLE TOUL	18	
	, ON THIS LEASE, FT.	-	398 <b>'</b>	4600			<u> </u>	rotary		
	how whether DF, R	r, GR, etc.)						22. APPROX. D	ATE WORK	WILL START*
3622.0'								Septembe	<u>r 1, 1</u>	993
23.		PR	OPOSED CAS	ING AND CE	MENT	ING PROGRAM	NOV	NATER BAS	in	
HOLE SIZE	CASING SIZE	WE IGHT/FOO	т	GRADE		THREAD T	YPE	SETTING DEPTH	QUANTI	TT OF CEMENT
12 1/4"	8 5/8"	24#		J-55		: LTC		350'	CHACL	ILATE
7 7/8"	5 1/2"	17#		J-55		LTC		4600'	1CARC	MATE :
		•		,						
1			•	2	I				ł	

Pay zone will be selectively perforated and stimulated as needed for optimum production.

Attached are:

1. Location & Acreage Dedication Plat

Supplemental Drilling Data
 Surface Use Plan

15 Location BUBJECT TO LIKE APPROVAL BY STATE

APPROVAL SUBJECT TO	
GENERAL REQUIREMENTS	AND
SPECIAL STIPULATIONS	
ATTACHED	



IN ADOVE SPACE DESCRIDE PROPOSED FROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. 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 any.

24. SIGNED Chorda Nelson	TITLE Production Clerk	DATE7/7/93
(This space for Federal or State office use)	APPROVAL DAT'S	
APPROVED BY CONDITIONS OF APPROVAL, IF ANY :	TITLE AREA MANAGER	DATE 8/24/73

#### \*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department, or agency, of the

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State of New Mexico Energy Minerals and Natural Resources Department

Form C-102 Revised 1-1-89

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OIL CONSERVATION DIVISION

<u>DISTRICT I</u> P.O. Box 1980, Hobbs, NM 88240

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

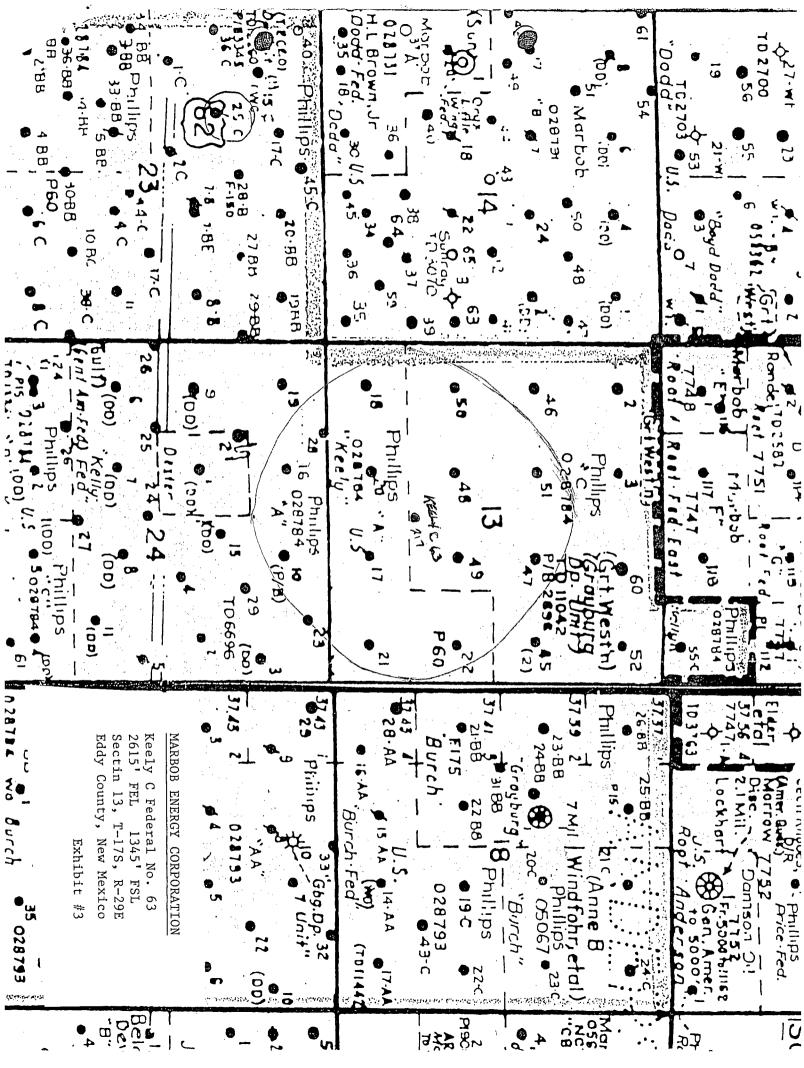
DISTRICT II P.O. Drawer DD, Artesia, NM 88210

## WELL LOCATION AND ACREAGE DEDICATION PLAT

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

All Distances must be from the outer boundaries of the section

perator			Lease	<u></u>	<u> </u>		Well No.
	MARBOB ENER			<u>C Federal</u>	<u> </u>		63
nit Letter	Section	Township	Range			County	
J	13	17 SOUTH	2	9 EAST	NMPM	ļ	EDDY
ctual Footage Loc		ידייר	0615				r i
1345 fee Fround Level Elev		OUTH line and	2615		feet from	the EAS	line Dedicated Acreage:
3622.0'				ashaan ST	) 0 Cmh	~ 51	40
		ayburg San Andres		ackson SF			40 Acres
1. Outline the a	creage dedicated t	o the subject well by colored	pencil or nachure i	narks on the ]	plat below.		
2. If more than	one lease is dedi	cated to the well, outline eac	h and identify the	ownership the	reof (both	as to workin	g interest and royalty).
unitization, f	force-pooling, etc			e interest of	all owners	been consol	idated by communitization,
Yes	No	If answer is "yes" type	of consolidation	<u></u>			
		and tract descriptions which	have actually been	consolidated.	(Use reve	rse side of	
this form necess No allowable w		to the well unit all intere	sts have been con	solidated (by	commun	itization, u	nitization, forced-pooling,
		lard unit, eliminating such					6,
						OPERAT	FOR CERTIFICATION
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	1		ł				eoy certify the the information ein is true and complete to the
							www.edge and belief.
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						Signature	1 mill
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	1					Position	
	1		1			Product: Company	ion Clerk
			1				
			[			<u>Mardod</u> Date	Energy Corporation
						July 7,	1993
						July /,	
	н. — — — — — — — — — — — — — — — — — — —					SURVEY	OR CERTIFICATION
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1	1		ľ				ify that the well location shown
	1		Å,			-	was plotted from field notes of ys made by me or under my
			Į.			supervison,	and that the same is true and
							the best of my knowledge and
			Į.			belief.	
	]	3621.2'3624	. A'			Date Surve	•
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L		<u> </u>		<u>515'</u>	╾═╾╴	Signature Profession	& Seal of al Surveyor
	· · ·					11016351011	ur Surveyor
1		3620.4' 3621	יס. ו				ARY L. JONES
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	l					Certificate	WD. JOHN W WEST. 676
	1	I¥					RONALO SERSON, 3239
	41					100 p	GOTT JONES, 7977



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orm 3160-5 une 1990)	DEPARTMENT C	STATES F THE INTERIOR D MANAGEMENT		FORM APPROVED Budget Bureau No. 1004-0135 Expires: March 31, 1993 5. Lease Designation and Serial No.
Do not use this for	m for proposals to drill o	<b>D REPORTS ON WELLS</b> r to deepen or reentry to a diff ERMIT—" for such proposals	erent reservoir.	6. If Indian, Allottee or Tribe Name
	SUBMIT IN	TRIPLICATE		7. If Unit or CA, Agreement Designation
i. Type of Well Oil Gas Well Well	Other			NMNM88525X 8. Well Name and No.
<ol> <li>Name of Operator</li> <li>Marbob Energy</li> <li>Address and Telephone No.</li> </ol>	-			Burch Keely Unit #217 9. API Well No.
P. O. Drawer		8210 505-748	3–3303	10. Field and Pool, or Exploratory Area Grbg Jackson SR Q Grbg
1345 FSL 261	5 FEL, Sec. 13-T178	S-R29E, Unit J		Eddy County, NM
12. CHECK A	APPROPRIATE BOX(s)	O INDICATE NATURE OF N	NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF S	UBMISSION	· · · · · · · · · · · · · · · · · · ·	TYPE OF ACTION	•
Notice of	. •	Abandonment Recompletion Plugging Back Casing Repair		Change of Plans Change of Plans New Construction Non-Routine Fracturing Water Shut-Off
	andonment Notice	Altering Casing	unit	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	xx Other <u>change</u> f	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
13. Describe Proposed or Con give subsurface locat	npleted Operations (Clearly state all per ions and measured and true vertical de	tinent details, and give pertinent dates, including epths for all markers and zones pertinent to the	rom lease to unit g estimated date of starting is work.)*	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
<ul> <li>13. Describe Proposed or Congive subsurface location</li> <li>14. Thereby certify that the group of the subsurface location of the subsurface locat</li></ul>	npleted Operations (Clearly state all per tions and measured and true vertical do Change from: foregoing is true and correct	tinent details, and give pertinent dates, including ppths for all markers and zones pertinent to the Keely C Federal #63	rom lease to unit g estimated date of starting is work.)*	Dispose Water (Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.) g any proposed work. If well is directionally drilled

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# STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION DIVISION FOR THE PURPOSE OF CONSIDERING:

> CASE NO. 8418 Order No. R-7900

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APPLICATION OF PHILLIPS OIL COMPANY FOR A WATERFLOOD PROJECT, EDDY COUNTY, NEW MEXICO

## ORDER OF THE DIVISION

#### BY THE DIVISION:

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This cause came on for hearing at 8 a.m. on November 28, 1984, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this <u>25th</u> day of April, 1985, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

#### FINDS THAT:

(1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) The applicant, Phillips Oil Company, seeks authority to institute a cooperative waterflood project in the Grayburg-Jackson Pool by the injection of water into the Grayburg and San Andres formations through selected perforated intervals from approximately 2300 feet to 3500 feet in 23 existing wells, as described in Exhibit "A" attached hereto and made a part hereof, all located on the applicant's Keely "A" Federal, Keely "B" Federal, Keely "C" Federal, Burch "BB" Federal, Burch "C" Federal, and Dexter Federal Leases in Sections 23, 24, 25, and 26, Township 17 South, Range 29 East, NMPM, and Sections 19 and 30, Township 17 South, Range 30 East, NMPM, in Eddy County, New Mexico.

(3) The wells in the project area are in an advanced state of depletion and should properly be classified as "stripper" wells. -2-Case No. 8418 Order No. R-7900

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(4) The proposed cooperative waterflood project should result in the recovery of otherwise unrecoverable oil, thereby preventing waste.

(5) The operator should take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface from injection, production, or plugged and abandoned wells.

(6) There are two temporarily abandoned wells within the area of the proposed waterflood project that may require remedial work prior to the commencement of injection operations in a portion of the project area, those wells being the Phillips Petroleum Company Grayburg Deep Unit Wells Nos. 4 and 6 located 1946 feet from the South line and 662 feet from the West line (Unit L) and 330 feet from the North line and 1980 feet from the West line (Unit C), respectively, both in Section 30, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico.

(7) The injection wells or injection pressurization system should be so equipped as to limit injection pressure at the wellhead to no more than 0.2 psi, per foot of depth to the top of the uppermost perforation, but the Division Director should have authority to increase said pressure limitation, should circumstances warrant.

(8) The subject application should be approved and the cooperative project should be governed by the provisions of Rules 702 through 708 of the Division Rules and Regulations.

#### IT IS THEREFORE ORDERED THAT:

(1) The applicant, Phillips Oil Company, is hereby authorized to institute a cooperative waterflood project on its Keely "A" Federal, Keely "B" Federal, Keely "C" Federal, Burch "B" Federal, Burch "BB" Federal, Burch "C" Federal and Dexter Federal Leases, Grayburg-Jackson Pool, by the injection of water into the Grayburg and San Andres formations through 23 existing wells, as described in Exhibit "A" attached hereto and made a part hereof, in Eddy County, New Mexico.

(2) Injection into each of said wells shall be through internally coated tubing, set in a packer which shall be located as near as practicable to the uppermost perforation; the casing-tubing annulus of each injection well shall be loaded with an inert fluid and equipped with an approved pressure gauge or attention-attracting leak detection device. -3-Case No. 8418 Order No. R-7900

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(3) The operator shall immediately notify the supervisor of the Division's Artesia district office of the failure of the tubing or packer in any of said injection wells, the leakage of water or oil from or around any producing well, or the leakage of water or oil from any plugged and abandoned well within the project area and shall take such timely steps as may be necessary or required to correct such failure or leakage.

(4) The injection wells herein authorized and/or the injection pressurization system shall be so equipped as to limit injection pressure at the wellhead to no more than 0.2 psi per foot of depth to the uppermost perforation of each well, provided however, the Division Director may authorize a higher surface injection pressure upon application and satisfactory showing that such pressure will not result in fracturing of the confining strata.

(5) The subject cooperative waterflood project is hereby designated the Phillips Burch-Keely Cooperative Waterflood Project and shall be governed by the provisions of Rules 701 through 708 of the Division Rules and Regulations.

(6) Monthly progress reports of the cooperative waterflood project herein authorized shall be submitted to the Division in accordance with Rules 706 and 1115 of the Division Rules and Regulations.

(7) Injection into the following described three injection wells <u>shall not commence</u> until the Phillips Oil Company Grayburg Deep Unit Wells Nos. 4 and 6 located 1946 feet from the South line and 662 feet from the West line (Unit L) and 330 feet from the North line and 1980 feet from the the West line (Unit C), respectively, both in Section 30, Township 17 South, Range 30 East, NMPM, Eddy County, New Mexico, have been completed in such a manner as to ensure that they do not provide an avenue of escape for the injected fluids from the proposed zone of interest and that is satisfactory to the supervisor of the Division's district office at Artesia:

WELL NAME AND NO.	FOOTAGE LOCATION (UNIT)	SECTION-TOWNSHIP RANGE
Burch "BB" Fed. Well No. 6	660' FS & WL (M)	19-17S-30E
Keely "C" Fed. Well No. 20	1980' FSL -660'FEL (I)	25-17S-29E
Burch "BB" Fed. Well No. 10	660' FNL-1980'FWL (C)	30-17S-30E

-4- . Case No. 8418 Order No. Ŕ-7900

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(8) 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 DIVISION

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R. L. STAMETS, Director

SEAL

# EXHIBIT "A" ORDER NO. R-7900

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WELL NAME AND NO.	FOOTAGE LOCATION (UNIT)	SECTION TOWNSHIP, RANGE
Burch "BB" Fed. Well No. 6	660'FS & WL (M)	19-17S-30E
Burch "BB" Fed. Well No. 10	660' FNL-1980' FWL (C)	30-17S-30E
Burch "BB" Federal Well No. 19	660'FN & FEL (A)	23-17S-29E
Burch "C" Federal Well No. 17	660' FNL-1980'FWL (C)	23-17S-29E
Keely "A" Federal Well No. 5	2310'FSL-330'FEL (I)	24-17S-29E
Keely "A" Federal Well No. 7	1980'FS & WL (K)	24-17S-29E
Keely "A" Federal Well No. 9	1980'FNL -660'FWL (E)	24-17S-29E
Keely "A" Federal Well No. 15	1650'FNL -2310' FEL (G)	24-17S-29E
Keely "B" Federal Well No. 6	660'FNL - 1980' FWL (C)	25-17S-29E
Keely "B" Federal Well No, 7	1980' FN & FEL (G)	26-17S-29E
Keely "B" Federal Well No. 10	1980' FSL - 660'FEL (I)	26-17S-29E
Keely "B" Federal Well No. ll	660' FSL-1980' FEL (O)	26-17S-29E
Keely "B" Federal Well No. 24	660' FSL - 560' FWL (M)	24-17S-29E
Keely "C" Federal Well No. 5	660' FSL - 1980' FEL (O)	24-17S-29E

EXHIBIT "A" Case No. 8418 Order No. R-7900

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Keely "C" Federal Well No. 8	660' FN & FEL	(A)	25-175-29E
Keely "C" Federal Well No. 10	1980' FNL - 660'FWL	(E)	25-17S-29E
Keely "C" Federal Well No. 12	1980'FN & FEL (G)		25-17S-29E
Keely "C" Federal Well No. 16	1980'FS & FWL (K)	- 	26-17S-29E
Keely "C" Federal Well No. 18	1980'FS & FWL (K)		25-17S-29E
Keely "C" Federal Well No. 20	1980' FSL - 660' FEL	(I)	25-17S-29E
Keely "C" Federal Well No. 21	660'FS & FWL (M)		26-17S-29E
Keely "C" Federal Well No. 23	660'FS & FWL (M)		25-17S-29E
Keely "C" Federal Well No. 25	660' FSL - 1980' FEL	(0)	25-17S-29E