

Capital Oil and Gas Corporation CONSERVATION DIVINI SANTA FE

214 - 983 -2081

February 9, 1983

... 214 - 983-2082

FFB 14 1983

Mr. Joe Ramey Energy and Minerals Department Oil Conservation Commission P. O. Box 2088 Santa Fe, New Mexico 87501

Commission Order R-4875 Re:

Dear Mr. Ramey:

Enclosed is information needed for request of administrative approval for a nonstandard location for our SFPRR N ϕ . 81./ The information enclosed is in compliance with the Operating Rules for the Waterflood Project, Miguel Creek Field, Gallup Pool, in McKinley County, New Mexico, Case No. 5321. As requested in Paragraph 6 of the Commission Order No. R-4875, we seek approval for a nonstandard location for SFPRR No. 81.

- A plat marked "Exhibit A" is enclosed, showing new location and the particle of acreage dedicated to this well.
- Enclosure marked "Exhibit B" is an aerial map of the location and offset wells. At the present time, there are no offset producers except for Capital Oil and Gas Corporation in the area.
- "Exhibit C" is a downhole schematic of the well.
- A nonstandard location is needed to monitor water breakthrough inna pilot waterflood area.
- To our knowledge, there are no water, oil and gas strata zones of the Gallup Hospah pay zone in this area.

This information should be satisfactory with the rules set forth in the Commission Order R-4875. If you need further information, please do not hesitate to contact me.

Yours very truly,

CAPITAL OIL AND GAS CORPORATION

By Blanks, Vice President

GB:jh

* STATE OF NEW MEXICO ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION DIVISIONI DI CITALITA DI PROPIRIONI DI PROPIRIO DI PROPIR

Capital oil and Gas Corporation Section Section Foregoing Foregoing County Settle Foregoing Foreg			All diaten	ces must be	XHIBIT	A ler bounderl	es of the Specific	FEB 141	<u> মুধুর </u>	
Just Letter Section Sect	Operator						كاك		Well No	
Record Postage Location of Will. 1.340 trans the South has and 1.340 trait from the Mest have accessed and included Level Circ. 1.340 trans the most promotion of Mills and 1.340 trait from the Mest have accessed and included Level Circ. 1. Outline the accessed addicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc? 1. Yes No If answer is "yes," type of consolidation. 1. If answer is "in," list the owners and tract descriptions which have netually been consolidated. (Use reverse side of this form if necessary.) 1. No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. 1. Name Capt Diamics 1. Name Capt Diamics 1. Name Capt Diamics 1. Name Capt Diamics 2. Certification 1. Area, and the information contained the interest of the contained therefore the best of my house of the contained the interest of color and state. 2. If more than one lease is dedicated to the well incention and the interest of color and state. 2. If more than one lease is dedicated to the well, have the interests of all owners been consolidated. (Use reverse side of this form in the interest of color and the interest of			1							L
1.340 for trem the South Interest South Live Product Product Product Product	1		I		Rang	_			1-t 	
Pool Mospah-Gallup Miguel Creek Gallup 40 Acres 40 Acres 1. Outline the acreage dedicated to the subject well by colored pentil or hachure marks on the plat below.	Actual Footage Locat	ion of Well:				· · · · · · · · · · · · · · · · · · ·		·		
Pool	1340	feet from the So	outh	line and	1340		feet from the	West	line	
1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No II answer is "yes" type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the information contained by the consolidated (by complete to the best of my howefacing and balls). Wice President Vice President Freather Position Capital Cil and Gas Corpora Company 1/15/83 Date I hereby certify that the well location shown on this plat was platted from field notes of ectual surveys made by me or under my supervision, and that the some is two order my supervision, and that the some is two order my supervision, and that the some is two order or the best of my howeface and balls and the supervision of the plattered Professional Englancer And 1/2/18/2 Date Surveyed Fred D. Marman Registered Professional Englancer on Jord Lond Durveyor 2031	Ground Level Elev.									oge:
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royally). 3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, lerce-pooling, etc? Yes No If answer is "yes," type of consolidation If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form in necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the information contained thereby is true and complete to the best of my knowledge and belief. When Caff Blanks Vice President Position Capital Oil and Sas Corpora Compeny 1/15/83 Date I hereby certify that the well location shown on this plot was plasted from field notes of extra surveys made by me on its plot was plasted from field notes of extra surveys made by me on its little and carries of my knowledge and belief. SEPRR NO. B1 SEPRR NO. B1 SEPRR NO. B1 A)12/82 Date Surveyse Pred D. Marman Regulatered Professorical Engineer on Mor Land Surveys.	6394'	Hospah-	-Gallup		Migu	el Cree	k Gallup		40	Acres
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc? Yes No If answer is "yes," type of consolidation. If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division. CERTIFICATION I hereby certify that the information contained herein is two and complete to the best of my knowledge and belief. When Gally Blanks Vice Pressident Position Capital Oil and Gas Corpora Company 1/15/83 Date I hereby certify that the well location shown on this plat was platted from field nates of carries to we well accorded to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Marman Registered Protessional Engineer and/or Land European Registered Protessional Engineer and/or Land European 2031	2. If more than	one lease is		·	-	•	٠.	•	•	s to working
No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Winne Galf Blanks Vice President Position Capital Oil and Gas Corpora Company 1/15/83 Date I hereby certify that the well location shown on this plot was plotted from field notes of actual surveys mode by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Maxman Registered Proleasional Engineer on Nor Land Surveyor 2031	3. If more than dated by con Yes If answer is	one lease of domunitization, u No If ar "no," list the	nitization, nswer is "y	force-pooli	ng. etc? I consoli	dation				
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Capital Oil and Gas Corpora Company 1/15/83	No allowable	will be assigned	ed to the wo	ell until all on-standard	interests I unit, el	s have be iminating	en consolida such interes	ted (by comi	approved by t	he Division.
I hereby certify that the well location shown on this plat was platted from filed notes of actual surveys made by me or under my supervision, and that the same is true and carrect to the best of my knowledge and belief. SFPRR NO. 81 I hereby certify that the well location shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and carrect to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Marman Registered Professional Engineer and/or Land Surveyor 2031		1			. !	!			CERTIFICATIO	ON
I hereby certify that the well location shown on this plat was plated from field notes of actual surveys made by making surveys making surveys making and surveys making surveys survey		i			į		1			
best of my knowledge and belief. Blanks Wice President Position Capital Oil and Gas Corpors Compeny 1/15/83 Date I hereby certify that the well lacation shown on this plat was platted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Marman Registered Protessional Engineer and/or Land Curveyor 2031	1	i				ŀ	1	i		
Vice President Position Capital Oil and Gas Corpora Company 1/15/83 Date 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 supervision, and that the same Is true and correct to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Marman Registered Professional Engineer and/or Land Eurreyor 2031	- .	 			l			best of my	knowledge and b	
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 supervision, and that the same is true and correct to the best of my knowledge and belief. 3/12/82 Date Surveyed Fred D. Marman Registered Professional Engineer and/or Land Surveyor 2031		- + 			 			Position Capital Compuny 1/15/83		as Corpora
Date Surveyed Fred D. Marman Registered Professional Engineer and/or Land Surveyor 2031		SFPRR N	o. 81		; ; ; ; ;			I hereby of shown on t notes of a under my s Is true an	his plat was plat ctual surveys mo upervision, and i d correct to the	ted from field ade by me or that the same
ant/or Land Surveyor 2031		- 			-		. ,	Date Surveye	1	ni.
		1			1 1 1			Registered Prand/or Land	rolessional Engir	nger
Cettificate No.								Certificate No	· · · · · · · · · · · · · · · · · · ·	

	l and Gas Corporation	STFTP.R.R.		
PERATOR			16N	CTT
81 ~	1340' FSL & 1340' FWL FOOTAGE LOCATION	SECTION	TOWNSHIP	6W RANGE
EEE Nu.	FUITAGE EDUCATION	3207134		
		EXHIBIT C		ŕ
<u>Sch</u>	nematic		Tabular Data	
	moo	Surface Casing		
	TOC Surf	Size 8-5/8	" Cemented with	
		TOCSurf	feet determined by	visual
	12-1/4 Hole	Hole size 12	2-1/4	
		Intermediate Casi	<u>nq</u>	
4	Bt of 8-5/8" 81'	Size	Cemented with	sx
	7-7/8" hole	TOC	feet determined by	
	370' TOC 4-1/2" csg	Hole size		
(1 2,2 009	Long string		
	2-3/8" tubing	Size4-1/2	" Cemented with	85 sx
	3/4" rods		feet determined by	
			7-7/8"	
	1-1/2" D H Pump	Total depth	826'	
	S.N.	Injection interva		
	Bot 760'	796 f (perforated or op	eet to 801 4 JSPF en-hole, indicate which	feet
	mp 0061			
Tubing si	TD 826'	d with π_55	not lined	set in a
	ze <u>2-3/8"</u> line			300 2.11 4
	No packer brand and model)	pac	ker at	feet
	ibe any other casing-tubin	q seal).		
Other Data	· ·			•
	producing of the MAYESERSON formation	HognahCa	llun	
2. Name	of Field or Pool (if appli	cable)Miguel C	reek Gallup	
3. Is th	is a new well drilled for	injection? 💋 Ye	es <u>/X</u> 7 No	
If no	, for what purpose was the	well originally dr	cilled? Production w	ell
			,	
	he well ever been perforat	ed in any other zon	ne(s)? List all such pe	rforated interva
4. Has t	jive plugging detail (sacks			
4. Has tand g	ive plugging detail (sacks No	•		•
4. Has t	give plugging detail (sacks	•		
and g	give plugging detail (sacks			

