OIL CONSTRUATION DIVISION P. O. Box 2088 Santa Fe, New Mexico 87501

Adopted 3-2-84 Side 1

Case 8615

APPLICATION FOR CLASSIFICATION AS HARDSHIP GAS WELL

Operator Corinne Grace	Contact Party Billy Miller			
Address P. C. Eox 1418, Carlsbad, NM 8				
Lease Poco Loco Well No. 1 UT	K Sec. 8 TWP 15S RGE 30E			
Pool Name Double "L" Queen	Minimum Rate Requested 90 MCFD			
Transporter Name Phillips Petroleum	Purchaser (if different)			
Are you seeking emergency "hardship" classifica	tion for this well? X yes no			
Applicant must provide the following information to support his contention that the subjected qualifies as a hardship gas well.				

- Provide a statement of the problem that leads the applicant to believe that "underground waste" will occur if the subject well is shut-in or is curtailed below its ability to produce. (The definition of underground waste is shown on the reverse side of this form)
- 2) Document that you as applicant have done all you reasonably and economically can receive eliminate or prevent the problem(s) leading to this application.
 - a) Well history. Explain fully all attempts made to rectify the problem. WAYO 1985 attempts have been made, explain reasons for failure to do so.
 - b) Mechanical condition of the well(provide wellbore sketch). Explain follownSERVATION DIVISION mechanical attempts to rectify the problem, including but not limited to:
 - i) the use of "smallbore" tubing; ii) other de-watering devices, such as plunger lift, rod pumping units, etc.
- 3) Present historical data which demonstrates conditions that can lead to waste. Such data should include:
 - a) Permanent loss of productivity after shut-in periods (i.e., formation damage).
 - b) Frequency of swabbing required after the well is shut-in or curtailed.
 - c) Length of time swabbing is required to return well to production after being shut-in.
 - d) Actual cost figures showing inability to continue operations without special relief
- 4) If failure to obtain a hardship gas well classification would result in premature abandonment, calculate the quantity of gas reserves which would be lost
- 5) Show the minimum sustainable producing rate of the subject well. This rate can be determined by:
 - a) Minimum flow or "log off" test; and/or
 - b) Documentation of well production history (producing rates and pressures, as well as gas/water ratio, both before and after shut-in periods due to the well dying, and other appropriate production data).
- 6) Attach a plat and/or map showing the proration unit dedicated to the well and the ownership of all offsetting acreage.
- 7) Submit any other appropriate data which will support the need for a hardship classification.
- 8) If the well is in a prorated pool, please show its current under- our over-produced status.
- 9) Attach a signed statement certifying that all information submitted with this application is true and correct to the best of your knowledge; that one copy of the application has been submitted to the appropriate Division district office (give the name) and that notice of the application has been given to the transporter/purchaser and all offset operators.

GENERAL INFORMATION APPLICABLE TO HARDSHIP GAS WELL CLASSIFICATION

1) Definition of Underground Waste.

"Underground Waste as those words are generally understood in the oil and gas business, and in any event to embrace the inefficient, excessive, or improper use or dissipation of the reservoir energy, including gas energy and water drive, of any pool, and the locating, spacing, drilling, equipping, operating, or producing, of any well or wells in a manner to reduce or tend to reduce the total quantity of crude petroleum oil or natural gas ultimately recovered from any pool, and the use of inefficient underground storage of natural gas."

- The only acceptable basis for obtaining a "hardship" classification is prevention of waste with the burden of proof solely on the applicant. The applicant must not only prove waste will occur without the "hardship" classification, but also that he has acted in a responsible and prudent manner to minimize or eliminate the problem prior to requesting this special consideration. If the subject well is classified as a "hardship" well, it will be permitted to produce at a specified minimum sustainable rate without being subject to shut-in by the purchaser due to low demand. The Division can rescind approval at any time without notice and require the operator to show cause why the classification should not be permanently rescinded if abuse of this special classification becomes apparent.
- The minimum rate will be the <u>minimum sustainable rate</u> at which the well will flow. If data from historical production is insufficient to support this rate (in the opinion of the Director), or if an offset operator or purchaser objects to the requested rate, a minimum flow ("log off") test may be required. The operator may, if he desires, conduct the minimum flow test, and submit this information with his application.
- 4) If a minimum flow test is to be run, either at the operator's option or at the request of the Division, the offset operators, any protesting party, the purchaser and OCD will be notified of the date of the test and given the opportunity to witness, if they so desire.
- 5) Any interested party may review the data submitted at either the Santa Fe office or the appropriate OCD District Office.
- 6) The Director can approve uncontested applications administratively if, in his opinion, sufficient justification is furnished. Notice shall be given of intent to approve by attaching such notice to the regular examiner's hearing docket. Within 20 days following the date of such hearing, the affected parties will be permitted to file an objection. If no objection has been filed, the application may be approved.
- 7) Should a protest be filed in writing, the applicant will be permitted to either withdraw the application, or request it to be set for hearing.
- 3) An emergency approval, on a temporary basis for a period not to exceed 90 days, may be granted by the District Supervisor, pending filing of formal application and final action of the OCD Director. This temporary approval may be granted only if the District Supervisor is convinced waste will occur without immediate relief. If granted, the District Supervisor will notify the purchaser.
- 9) After a well receives a "hardship" classification, it will be retained for a period of one year unless rescinded sooner by the Division. The applicant will be required to certify annually that conditions have not changed substantially in order to continue to retain this classification.
- 10) Nothing here withstanding, the Division may, on its own motion, require any and all operators to show cause why approval(s) should not be rescinced if abuse is suspected or market conditions substantially change in the State of New Mexico.
- 11) A well classified as a "hardship well" will continue to accumulate over and under production (prorated pools). Should allowables exceed the hardship allowable assigned, the well will be permitted to produce at the higher rate, if capable of doing so, and would be treated as any other non-hardship well. Any cumulative overproduction accrued either before or after being classified "hardship" must, however, be balanced before the well can be allowed to produce at the higher rate.

RESEIVED

MAY 1 1985

Corinne B. Grace POST OFFICE BOX 1418 CARLSBAD, NEW MEXICO 88220

(505) 887-5581

Case 8615

April 18, 1985

Mr. J. T. Sexton District Supervisor Oil Conservation Commission OIL CONSERVATION DIVISION

OIL CONSERVATION DIVISION

Re: Poco Loco #1, Operator

Corinne Grace Sec. 8, T.15S., R.30E., *

Chaves Co., New Mexico

Dear Sir:

We have received a notice from Phillips Petroleum Company (copy enclosed) stating they intend to shut-in the above captioned well. We respectfully apply for an exclusion pursuant to Rule 411, Emergency Gas Well Classification, Of The Oil & Gas Commission and hereby submit briefly our reasons for not wanting to shut this well in.

- 1. It took 8 months to get this well in production because of the difficult time we had in unloading the water. It finally became necessary to institute the use of a pump jack for the purpose of unloading the water since neither swabbing nor the use of coil tubing with nitrogen were effective.
- 2. Cost involved in getting the well back in production is prohibitive.
- 3. This well has a very weak bottom-hole pressure, an cirrently produces at a rate of 94 MCF per day.
 - Damage to formation by producted water.
- 5. This well has not been shut-in since it went on the line in Jan. 1984 and we do not know how much damage might be done to the well if it is shut-in.

Thank you for your consideration in this matter.

Yours Truly,

Biry Miller

Enclosure BM/1p



NATURAL RESOURCES GROUP Exploration and Production

April 15, 1985

Pipeline Proration - Loco Hills/ Square Lake Segment - Lee Plant Gathering System, Lea County, NM

All Operators Loco Hills/Square Lake Segment Lee Plant Gathering System (Addressee L st Attached)

Gentlemen:

Effective April 19, 1985, pipeline proration is being instituted on gas wells in the Loco Hil s/Square Lake segment of the gathering system serving Phillips Petroleum Company's Lee Plant. Gas well proration is necessary due to the mechanical failure of a compressor located at the Square Lake Booster. Phillips is currently making diligent efforts to alleviate this problem. The attached list identifies your wells and/or leases to be shut out during this period. We anticipate curtailment will continue for at least 90 days. You will be advised when production may be resumed. Curtailment will be effected in accordance with the New Mexico Department of Energy, Oil Conservation Division memo of February 18, 1983, - "Priorities of Gas Production and Purchases" (copy attached).

Minimum production requirements for lease-hold purposes will be considered on an individual basis. Contact T. H. McLemore of this office, telephone number (915) 367-1257, if such circumstances exist on your properties.

Your cooperation is appreciated.

Very truly yours,

E. E. Clark, Agent

EEC/THM/LS/k;w REG3.1/loco

Attachment

cc: New Mexico Department of Energy Oil Conservation Division - Santa Fe, NM New Mexico Department of Energy Oil Conservation Division - Artesia, NM U. S. Department of the Interior, MMS, Carlsbad, NM Land Commissioner, State of New Mexico - Sante Fe, NM

Phillips Petroleum Company Loco Hills/Square Lake Segment Lee Plant Gathering System

(Addressee List)

Amoco Production Company P. O. Box 68 Hobbs, New Mexico 88240

Anadarko Production Company P. O. Box 608 Eunice, New Mexico 88231

Dalport Corporation 3304 Trailing Heart Rd. Roswell, New Mexico 88201

Depco, Inc. 800 Central Odessa, TExas 79761

Grace, Corrine
P. O. Box 1418
Carlsbad, New Mexico 88220

Maralo, Inc. P. O. Box 832 Midland, Texas 79702

McClellan Oil Corporation P. O. Drawer 730 Roswell, New Mexico 88202

Moroilco, Inc. P. O. Drawer 1 Artesia, New Mexico 88210

Phillips Oil Company 4001 Penbrook St. Odessa, Texas 79762

Phillips Petroleum Company 4001 Penbrook St. Odessa, Texas 79762

Tipton, Dwight A.
P. O. Box 1597
Lovington, New Mexcio 88260

STATE OF NEW MEXICO



ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

POST OPPOZ BOX ZOM STATE LINO DIFFEE BUILDING IFE NEW MEXICO STOOM DE 127-MOD

MEMORANDUM

TO: ALL OPERATORS AND ALL GAS PURCHASERS

FROM: JOE D. RAMEY, DIVISION DIRECTOR

PRIORITIES OF GAS PRODUCTION AND PURCHASES SUBJECT:

During periods of low demand for New Mexico gas, the following curtailment schedule should be observed:

- Overproduced non-marginal and high capacity non-prorated gas wells
- Non-marginal gas wells 2.
- 3. Marginal and low capacity non-prorated gas wells
- 4. Exempt marginal gas wells
- 5. Casinghead gas
- Gas wells which will be damaged by being shut-in or will require 'swabbing to produce after being shut-in

Those operators with wells in category No. 6 must furnish the Division with substantial proof before they will qualify for this category.

Anyone wishing to comment on this curtailment schedule should submit written comments to this office by February 28, 1983.

Received

February 18, 1983 12/

FEB 2 2 1983

Grace, Corrine P. O. Box 1418 Carlsbad, N. M. 88220

FIELD/LEASE	COUNTY	U/L S-T-R	METER NO.
Double_L_Queen			
Poco Locc	Chaves	8-15-30	014235

NL , MEXICO OIL CONSERVATION COMMISS | 4 WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-192 Supersedes C-128 Effective 19-8

All distances must be from the outer boundaries of the Section

Keel Francisco Location at Well 1980 tere time the South 1980 tere time the South 1980 teres time. Poly Cuern Poly Cuern Queen Poly Mildcat 1. Outline the acreage dedicated to the subject well by colored pencil or backure 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 consolired dated 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 bren 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 Commission. CERTIFICATION I Associate the disconting that the wall lacentar them one this plane of the	Ceperator			Lease			Wes. 13	- 1			
K 8 15 South 30 East Chaves 1980	CORINNE	GRAC:	E			L.,	Poco Loco				1 '
1980 tree time it: 1980 t	Cast Letter	Section		Township		Ī					
1980 test from the mouth time and 1980 test from the producting formation of producting from the control of the		<u> </u>			15 South		30 East	C	haves		
1. Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plat below. 2. If more than one lease in dedicated to the well, outline each and identify the ownership therrof (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 compolindated 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 aids of this form if necessary.) No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, initization,	Actual Footage Loc	ation o	1 Well:								
Queen Wildcat 1. Outline the acreage dedicated to the subject well by colored pencil or hackure marks on the plat below. 2. If more than one lease is dedicated to the well, outline each and identify the ownership therrof (buth 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 consultated 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. (Cas reverse aide of this form if accessary.) No allowable will be sawigared 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 Commission. CERTIFICATION I hereby certify that the suff faction shown on the plate of the p		feet			line and	,		t tmm the	west	line	
1. Outline the acreage dedicated to the subject well by colored pencil or hashure 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	Ground Level Elev.		_			Poor					edge;
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 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 accessary). No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, uniti		1	Que	een		<u>l</u>	Wildcat			40	A tres
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 accessory.) 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 Commission. CERTIFICATION I hereby certify that the information contended begins in the plant was planted from field and the plant was planted from field and the plant was planted from field and so of the plant was planted from field and so of the plant was planted from field and so of the plant was planted from field and so of the plant was planted from field and so of the plant of my knowledge and belief. The property of the first was all forced from field and so of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the plant of my knowledge and belief. The property of the planted from field and planted from fi							•			•	į
Yes	interest ar	nd roy	alty).								·
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary.) 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 Commission. CERTIFICATION I hereby certify that the information contained have in its true and complete to the base of my knowledge and belief Agent One my Corinne Grace The April 9, 1973 I hereby certify that the well focation above the present of the best of my knowledge and belief April 9, 1973 I hereby certify that the well focation as true and consects to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and complete to the best of my knowledge and belief One my observation and that the same is true and complete to the best of my knowledge and belief One my observation and the my observation and the my observation and the my observation a								have the	interests of	all owners	been consoli-
If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if accessary.) 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 Commission. CERTIFICATION I hereby certify that the information contained have in its true and complete to the base of my knowledge and belief Agent One my Corinne Grace The April 9, 1973 I hereby certify that the well focation above the present of the best of my knowledge and belief April 9, 1973 I hereby certify that the well focation as true and consects to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation, and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and correct to the best of my knowledge and belief One my observation and that the same is true and complete to the best of my knowledge and belief One my observation and that the same is true and complete to the best of my knowledge and belief One my observation and the my observation and the my observation and the my observation a	Yes		No If ar	swer is '	'yes!' type o	of co	nsolidation		_		
No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Agent The man and complete to the best of my knowledge and belief April 9, 1973 I hereby certify that the well facution shown on this plan was plotted from field mates of actual surveys made by me or under my supervision, and that the same is from and contained the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from an actual surveys made by me or under my supervision, and that the same is from a constitution. Again actual surveys and belief. Date Surveys and Belief Again actual surveys and actual su					, ,,		 -			<u> </u>	
No allowable will be assigned to the well until all interests have been consolidated (by communitization, untilation, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Agent Tomp my Corrime Grace The April 9, 1973 I hereby certify that the well faction thous on this play was plotted from field mores of octual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief Only Mind Mexico Only Mind Mexico				owners an	id tract desc	ripti	ons which have ac	tually be	en consolid	ated. (Use re	verse side of
forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission. CERTIFICATION I hereby certify that the information contained hearen is true and complete to the best of my knowledge and belief Agent The state April 9, 1973 I hereby certify that the well location shown on this play was plotted from first motes of actual surveys made by me or under my supervision, and that the same stree and carect to the best of my knowledge and belief. Once Surveyes April 7, 1973 Pealstand Professional Engineer miles for the best of my knowledge and belief. Once Surveyes April 7, 1973 Pealstand Professional Engineer miles for the best of my knowledge and belief. Once Surveyes April 7, 1973 Pealstand Professional Engineer miles for the best of my knowledge and belief.	*	1		4.74					32 3 2	San San Jak 18	
CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Agent Thereby certify that the well location shown on this plan was plotted from field mates 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. 1980! Thereby certify that the well location shown on this plan was plotted from field mates 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. Date Surveyor April 7, 1973 Precisioned Professional Engineer minimal Surveyor About Wilson											
I hereby certify that the information contented herein is true and complete to the best of my knowledge and belief Agent Corinne Grace The April 9, 1973 I hereby certify that the well location shown on this plan was platted from first and and my properties 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. Date Surveyet April 7, 1973 Pentistered Professional Engineer and Surveyor April 7, 1973 Pentistered Professional Engineer and Surveyor Form W West		ling,	or otherwise)	or until a	non-standar	d un	it, eliminating suc	h interest	ts, has been	approved by	the Commis-
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Comment	sion.						·				EYD
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief Comment			1						,	CERTIFICAT	ION
I hereby certify that the well location shown on this plat was platted from field notes at a true and complete to the best of my knowledge and belief. Agent Only my Corinne Grace I hereby certify that the well location shown on this plat was platted from field notes at 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. Only Mexico Only Mexico April 7, 1973 Pegistated Professional Engineer minimusers		<i>(</i>	1	:	,		1	İ		CERTITION	TION .
I hereby certify that the well location shown on this plat was platted from field notes at a true and complete to the best of my knowledge and belief. Agent Only my Corinne Grace I hereby certify that the well location shown on this plat was platted from field notes at 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. Only Mexico Only Mexico April 7, 1973 Pegistated Professional Engineer minimusers	1		1				1				Ĕ,
best of my knowledge and belief. Company Agent			1		<u> </u>		1		I hereby	certify that the	information con-
1980! 1980! Agent Toma my Corinne Grace The April 9, 1973 I hereby certify that the well location shown on this plat was platted from field mates at actual surveys made by me are under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed April 7, 1973 Pegistured Professional Engineer and to the actual surveyor and the same is true and correct to the best of my knowledge and belief.			ł				1		tained he	rein is true and	complete to the
Agent Tomp my Corinne Grace The April 9, 1973 I hereby certify that the well location shown on this play 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. Date Surveys: April 7, 1973 Pregistered Professional Engineer minglished Professional Engin			1				1.1		best of m	y knowledge an	d belief.
Agent Tomp my Corinne Grace The April 9, 1973 I hereby certify that the well location shown on this play 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. Date Surveys: April 7, 1973 Pregistered Professional Engineer minglished Professional Engin			1		<u> </u>		1				
Agent Tomp my Corinne Grace The April 9, 1973 I hereby certify that the well location shown on this play 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. Date Surveys: April 7, 1973 Pregistered Professional Engineer minglished Professional Engin			1				I		lima V		$A \rightarrow -$
Tomp my Corinne Grace Take April 9, 1973 I hereby certify that the well location shown on this plat was plotted from field mates 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. Date Surveyer April 7, 1973 Pegistured Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer miles for the actual furreyer			+	. — — .					The state of the s	with L	- Jours
Tomp my Corinne Grace Take April 9, 1973 I hereby certify that the well location shown on this plat was plotted from field mates 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. Date Surveyer April 7, 1973 Pegistured Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer And Marine Professional Engineer mil of the actual furreyer miles for the actual furreyer			1				l .	1	Fleition	max L	
Corinne Grace File April 9, 1973 I hereby certify that the well lacation 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. Date Surveyed April 7, 1973 Peqistered Professional Engineer in the Colon W West of the	1						!			ent	
I hereby certify that the well location shown on this plat was plotted from field mates af 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. Date Surveyed April 7, 1973 Pequisitered Professional Engineer and Control of the c			1				1			no Grano	
April 9, 1973 I heraby certify that the well location shown on this plan was plotted from field nates 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. Date Surveyed April 7, 1973 Pegistered Professional Engineer minority and Surveyor Form W West Pediticate No. 676	1		1		1		İ			ne drace	
19801 I hernby 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. Date Surveyed April 7, 1973 Pecistered Professional Engineer miles and European Workshop			1				1	1	(11 9. 197	3
shown on this plat was plotted from field nates 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. Date Surveyed April 7, 1973 Registered Professional Engineer and order of the best of my Registered Professional Engineer and order of the best of my knowledge and Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Full Carlo			, ,				I		1101	- / , -/ 1.	
shown on this plat was plotted from field nates 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. Date Surveyed April 7, 1973 Registered Professional Engineer and order of the best of my Registered Professional Engineer and order of the best of my knowledge and Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Form W West Full Carlot Surveyor Full Carlo			7								
nates 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. Date Surveyed April 7, 1973 Pegistered Professional Engineer miles Comma Surveyor Form W West Pegisticate No. 676			•		1		i		I heraby	certify that th	e well location
under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed April 7, 1973 Pequistered Professional Engineer miles Lomd Surveyor Foliate No. 676			•		1	ليسمعن			shown on	this plat was p	lotted from field
under my supervision, and that the same is true and correct to the best of my knowledge and belief. Date Surveyed April 7, 1973 Pequistered Professional Engineer miles Lomd Surveyor Foliate No. 676	19801			1	1	S. G.	NECH & TOR	-	notes of	actual surveys	made by me or
knowledge and belief. Sate Surveyed April 7, 1973 Pequation of Professional Engineer Indicate the professional Engineer Pequation of the			1				ATE		,		
Date Surveyed April 7, 1973 Pequistered Professional Engineer and or Loand Surveyor Foliate No. 676			1		1/3/	/ 5	Con Joseph		is frue o	ind correct to	the best of my
Date Surveyed April 7, 1973 Pequistered Professional Engineer and or Loand Surveyor Foliate No. 676					1/2/		1	ļ	ſ		
Date Surveyed April 7, 1973 Registered Professional Engineer mi or Land Surveyor Folim W West equificate No. 676			<u></u>	-	- चिं		676				
Peqistered Professional Engineer and or Lord Surveyor Folia W West Feyilicate No. 676						. 1.	\$ 100				
Peqistered Professional Engineer and or Lord Surveyor Folia W West Feyilicate No. 676			1		1 1	1	W MEXIC/				
John W West Feytilicate No. 676			1 5	2		(O)	N W WES		Apr	11 7, 1973	3
John W West Profiticate No. 676			į 8	ž			W	İ			ngineer
eylificate No. 676			· · · · · · · · · · · · · · · · · · ·	7			į		mil A Com-	<i>^</i>	,
eylificate No. 676			1						Vo	Im W	West
0 330 660 '90 1320 1680 1880 2310 2840 2000 1800 1000 800 0 /	330 000								/edificate	No.	

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE
NM 0376785
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Poco Loco
9. WELL NO.
10. FIELD OR WILDCAT NAME
Vest Ranch Queen
11. SEC., T., R., M., OR BLK. AND SURVEY OR
AREA S.W.}, Sec 8, T.15S.,R.30E.
12. COUNTY OR PARISH 13. STATE
Chaves New Mexico
14. API NO.
15. ELEVATIONS (SHOW DF, KDB, AND WD)

GEOLOGICAL SURVEY SUNDRY NOTICES AND REPORTS ON WELLS (Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.) 1. oil gas well \mathbf{X} other 2. NAME OF OPERATOR Corinne Grace 3. ADDRESS OF OPERATOR P.O. Box 1418, Carlsbad, N. Mex.88220 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1980' FSL and 1980' FWL AT SURFACE: AT TOP PROD. INTERVAL: AT TOTAL DEPTH: 1980' FSL and 1980'FWL 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL (NOTE: Report results of multiple completion or zone PULL OR ALTER CASING change on Form 9-330.) MULTIPLE COMPLETE CHANGE ZONES ABANDON* (other) Right-of-way for Central Valley Electric Cooperative's Secondary line. 17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)* Central Valley Electric Cooperative's secondary line will not cross the lease boundary and will go down the lease road to the well pad. Request permission for the above listed Electric Company to immediately install their secondary line for power for pumping unit. 18. Thereby certify that the foregoing is true and correct DATE <u>August 11, 1983</u> <u> title Operator</u> (This space for Federal or State office use) APPROVED BY Compra

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY	5. LEASE NM 0376785 6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)	7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME
1. oil gas 🗓 other	Poco Loco
2. NAME OF OPERATOR Corinne Grace 3. ADDRESS OF OPERATOR	1 10. FIELD OR WILDCAT NAME Vest Ranch Queen
P. O. Box 1418, Carlsbad, NM 88220 4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.) 1980' FSL and 1980' FWL AT SURFACE:	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SW1, Sec. 8, T. 15S, R. 30E 12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL: AT TOTAL DEPTH: 16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE.	Chaves New Mexico 14. API NO.
REPORT, ()R OTHER DATA REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	15. ELEVATIONS (SHOW DF, KDB, AND WD)
TEST WATER SHUT-OFF	To got of multiple completion or zone (NOTE: Report results of multiple completion.)
PULL OR ALTER CASING	change on Form 9-330.) To the body of the control o
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertinent.)	irectionally drilled, give subsurface locations and
6-18-82 - Moved rig to location, rigged unload water. 6-19-82 thru 6-24-82 Swabbing well. 6-25-82 - Acidize with MOD 101 Acid 7½%,	는 사람들은 사람들이 되었다. 그 사람들이 되었다. - 사람들은 사람들이 가장 보고 있다. 그 사람들이 되었다. - 사람들은 사람들이 가장 보고 있다. 그 사람들이 되었다.
HAI-50, Morflo II 6-26-82 thru 6-29-82 Swabbing well. 7-1-82 - Nowsco rigged to wellhead pumpe	d nitrogen.
Subsurface Salaty Valve: Manuand Type DNA	Sat @ 5t

Subsurface Satesty Valve: Manu. and Type	DNA		Set @	Ft.
18. I hereby cortify that the foregoing is true	e and correct			
SIGNED SAME STATES	_ TITLE Field S	upervis om eJı	11y 2, 1982	
	This space for Federal or St	ate office use)		
APPROVED BY	TITLE	DATE	-	

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Э.	LEA2E		
	NM	0376785	

DEFACIMENT OF THE INTERIOR	
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
Do not use this form for proposals to drill or to deepen or plug back to a different eservoir. Use Form 9–331–C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas	Poco Loco
well well wother	9. WELL NO.
2. NAME OF OPERATOR	1
Corinne Grace	10. FIELD OR WILDCAT NAME
3. ADDRESS OF OPERATOR	Vest Ranch Queen
P. O. Rox 1418 Carlshad, NM 88220 4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
below.) 10001 For \$ 10001 First	SW ¹ ₄ Sec. 8, T.15S, R.30E
below.) 1980' FSL & 1980' FWL AT SURFACE:	12. COUNTY OR PARISH 13. STATE
AT TOP PROD. INTERVAL:	Chaves New Mexico
AT TOTAL DEPTH:	14. API NO.
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB. AND WD)
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	
FRACTURE TREAT SHOOT OR ACIDIZE	175 <u>4</u> - 1744
REPAIR WELL.	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
ABANDON*	
(other)	
17 DECORATE PROPOSED OF COURT STEP OFFICIAL (C)	
17. DESCRIBE PRCPOSED OR COMPLETED OPERATIONS (Clearly statincluding estimated date of starting any proposed work. If well is dimeasured and true vertical depths for all markers and zones pertinent.)	irectionally drilled, give subsurface locations and
-15-83 Moved rig to location. Rig up, sw	vab well.
-18-83 Moved rig to location rigged up.	Swab well
-19-83 Rigged up Halliburton & frac well.	Swab well.
-20-83 thru 4-21-83 Swab well	11 1 60
-12-83 Moved rig to location, rigged up,	, bled well cown pulled by
oints, sand pump, ran tubing back in hol	te, ran 82 rous in noie and 3%
and pump. -13-83 Rigged down.	
13-63 Rigged down. 27-83 Striped rods and tubing out of ho	ole. Sand numped well.
2, 00 of the fire and made in half areas	ed out pump. Rigged down.
s-zo-os kan fubing and roos in noie snace	
5-28-83 Ran tubing and rods in hole space 5-9-83 Rigged up, couldn't lower tubing o	lown any, pulled rods and
5-9-83 Rigged up, couldn't lower tubing of tubing, sand pumped well, ran tubing in t	lown any, pulled rods and taged bottom picked up 6' hung
5-9-83 Rigged up, couldn't lower tubing of tubing, sand pumped well, ran tubing in t	lown any, pulled rods and taged bottom picked up 6' hung
-9-83 Rigged up, couldn't lower tubing of ubing, sand pumped well, ran tubing in tubing or run rods and pumped in spaced	lown any, pulled rods and taged bottom picked up 6' hung rods out, hung well in. Rig do
18. Thereby certify hat the foregoing is true and correct	lown any, pulled rods and taged bottom picked up 6' hung rods out, hung well in. Rig do
5-9-83 Rigged up, couldn't lower tubing of ubing, sand pumped well, ran tubing in to ubing on run rods and pumped in spaced Subsurface Safety Valve: Manu. and Type	down any, pulled rods and taged bottom picked up 6' hung rods out, hung well in. Rig do
18. I hereby certify hat the foregoing is true and correct	lown any, pulled rods and taged bottom picked up 6' hung rods out, hung well in. Rig doFt.

UNITED STATES

UNITED STATES	5. LEASE
DEPARTMENT OF THE INTERIOR	NM 0376785
GEOLOGICAL SURVEY	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
SUNDRY NOTICES AND REPORTS ON WELLS	7. UNIT AGREEMENT NAME
(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)	8. FARM OR LEASE NAME
1. oil gas	Poco Loco
well Li well kil other	9. WELL NO.
2. NAME OF OPERATOR	10 5151 0 00 1111 0 00 1111
3. ADDRESS OF OPERATOR	10. FIELD OR WILDCAT NAME
P. O. Box 1418 Carlshad, NM 88220	Vest Ranch Queen 11. SEC., T., R., M., OR BLK. AND SURVEY OR
4. LOCATION OF WELL (REPORT LOCATION CLEARLY, See space 17	AREA
below.) 1980' FSL & 1980' FWL AT SURFACE:	SW4 Sec.8, T.15S, R.30E
AT SURFACE: AT TOP PROD. INTERVAL: AT TOTAL DEPTH:	12. COUNTY OR PARISH 13. STATE Chaves New Mexico
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE,	14. API NO.
REPORT, OR OTHER DATA	15. ELEVATIONS (SHOW DF, KDB, AND WD)
2001507 520 10000111 50	3982
REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF: TEST WATER SHUT-OFF	7 4 4 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4 1 4
FRACTURE TREAT	수 등 출입 시 출시 구성 충분
SHOOT OR ACIDIZE	
REPAIR WELL	(NOTE: Report results of multiple completion or zone
PULL OR ALTER CASING	change on Form 9–330.)
MULTIPLE COMPLETE	
ABANDON*	
(other)	
	· · · · · · · · · · · · · · · · · ·
17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly stat including estimated date of starting any proposed work. If well is d measured and true vertical depths for all markers and zones pertiner	lirectionally drilled, give subsurface locations and
-15-83 Moved rig to location. Rig up, sw	vab well.
-18-83 Moved rig to location rigged up.	
-19-83 Rigged up Halliburton & frac well.	Swab well.
-20-83 thru 4-21-83 Swab well	
5-12-83 Moved rig to location, rigged up,	, bled well down pulled 68
oints, sand pump, ran tubing back in hol	le, ran 82 rods in hole and 3½"
sand pump.	•
5-13-83 Rigged down. 5-27-83 Striped rods and tubing out of ho	ole Sand numbed well
5-28-83 Ran tubing and rods in hole space	
5-9-83 Rigged up, couldn't lower tubing of	lown any pulled rods and
cubing, sand pumped well, ran tubing in t	taged bottom picked up 6' hung
cubing on run rods and pumped in spaced Subsurface Safety Valve: Manu. and Type	rods out, hing well in. Rig down
18. I hereby certify that the foregoing is true and correct	-
signed TITLEField_Supers	visomate July 1, 1983
(This space for Federal or State of	fice use)

_____ DATE __

_____ TITLE ____

Roswell, NM 88201 April 23, 1982 Cosinne Grace 20. Box 1418 Carlabad, New Mexico 88270 Gentlemen: Please complete the following form and return to this office Soction Hanae within 30 days. WFII STATUS REPORT 1980 in som South (To be submitted in quintuplicate on all inactive wells) MAME AND ADDRESS OF OPERATOR 1980 invition West Corinne Grace P.O. Box 1418 wildcat <u>Carlsbad, New Mexico</u> Chaves n.m. N.M.037<u>6785</u> 1000 When Was Well Shut-in or Last Produced? May, 1976 Type Well 011 Well X Gas Well Temp. Abd. Well Producing Capability MCFGPD 31 **30PD** Date Last Tested April, 1976 3WPD Is Well Considered Capable of Production in Paying Quantities? No If Capable of Producing in Paying Quantities, Give Reasons For Not Producing Well. Well salted up. If Not Capable of Producing in Paying Quantities, Give Reasons For Not Plugging Well At This Time. Going to dissolve salt and work on well. What Are Future Plans For Operating Well (Include Estimated Dates)? As above, dissolve salt and clean out well and get back on production by end of July, 1982. I hereby certify that the foregoing is true and correct TITLE _Owner June 18, 1982 (This space for Federal or State office use) APPROVED BY TITLE CONDITIONS OF APPROVAL IF ANY:

MUTHERALS MANAGEMENT SERVICE

P. P. Drawer 1857