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

NGPA- 31

EXEMPTION FROM THE NATURAL GAS PRICING ACT PURSUANT TO SECTION 62-7-5, NMSA 1978, AND DIVISION ORDER NO. R-5436

OPERATO	R	Southe	rn Ur	ion	Explora	ation Co	well name')	WD 110	Jicarilla	"K" Wel	1 No. 15-E
OCATION	: UNI	T A	SEC	_1_	TWP.	25N	RNG.	5W	COUNTY	Rio Ar	riba
THE DI	RECTOR	OF THE I	TVISTO	FINDS:		,					
Gas Priof or to such natural	icing first n a we l gas findi	Act shall intrastat ll if it prior to ng that s	l not ap e sale is dril January	ply to of whice led wit 1, 197	the produ h commenc hin an es 5, from t	ction and sa ed on or afte tablished pro he same rese	le of natur er January oration uni rvoir unles	al gas in 1, 1975, it which was the Oil	intrastate co provided howev as producing o	mmerce from er, that the r capable of Division exe	mpts such well
Directo	or of	the Divis Gas Prici	ion is	empover provide	ed to act d said we	for the Div	ision and e lled on or	ster Jan		e provisions within estab	of Section 5 of lished proration
mell or	as an	<u>infill</u> w	ell.								ther as a replacement
masons	other	than avo	iding t	he pric	ing provis	sions of the	Natural Ga	s Pricing	Act upon a shi	owing by the	is justified for operator that:
	or i	Commation	damage	; or th	at				rreparable dow		nical failure
(p)									l rates; or th	at .	
(c)		-				prior to Jan	-				
other ti	an av	oiding th	e prici	ng prov	isions of	the Natural	Gas Pricin	ig Act upo	n a showing by	the operato	
(a)	tha in :	t infill such pool	drillin ., will	g in su result	ch pool w	ill increase fficient use	the recove	rable res	hearing, has erves under th , and will ten	e various pr	der finding oration units greater ultimate
	rigi	hts; or t	hat						ited drainage o	r to protect	correlative
(c)	the	drilling	of the	well c	commenced	prior to Jan	uary 18, 19	177		•	
(6) I	hat th 1 Gas	e applica Pricing A	int here let purs	in S	Section	n Union I	Expl. had A 1978, and	requeste Division	ed exemption fr Crder No. R-5	om the provi 436 for the	sions of the above-named well.
excempt:	ion fr	om the pr	ovision	s of th	e Natural						justified for the purpose of
, (Replaceme		•			•	•		100	
		formati	ion dama	ge.					le down-hole m	echanical fa	ilure or
	() a well	the dr	replace lling o	a well proof which c	connenced pri	or to Janua	ial rates. ary 18, 19	77.		
	_	drillir will re	in a pagin so esult i	ch pool	will inc efficient	rease the re	coverable : voir energ	reserves v	under the vario	ous proration	ling that infill n units in the pool, nltimate recovery
						order No. R-	1670-	V		· · · ·	
IT IS	() necess) a well Fore ord	the dr	protect illing	the prora of which o	ation unit frommenced pri	ior to Janu	nsated dr ary 18, 1	ainage or to p 977.	rotect corre	lative rights.
62-7- (2) compl	-10, M That ; y with	MSA 1978) jurisdict n the pro	eff ion of visions	ectiv this ca of Rul	e this use is her e 6(d) or	date. reby retained Rule 7(c) of	i, and that	this exe	tural Gas Pric motion is subj R-5436 or for 1982	ect to rescu	ssion upon failure to
. DUNE	ac bar	icare, N	CM WEXT	∞ on t	118 <u>4/</u> L	h day of _	July		1904	.•	•
			•		*		,	• .			
· .:.	•				. 1 1 Mindro Pulg & mine mi . 17						طر طر زو

JOE D. RAMEY, Director

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

ADMINISTRATIVE ORDER NGPA- 31

EXEMPTION FROM THE NATURAL GAS PRICING ACT PURSUANT TO SECTION 62-7-5, NMSA 1978, AND DIVISION ORDER NO. R-5436

OPERATOR_	Southern Union Exploration Comm	LL NAME AND NO	Jicarilla	"K" Well No.	15-E
LOCATION: 1	INIT A SEC. 1 TWP. 25N	RNG. 5W.	COUNTY	Rio Arriba	
THE DIREC	TOR OF THE DIVISION PINDS:	•			;, ,3
of or fire to such a natural gr	Section 5 of the Natural Gas Pricing Act (being some Act shall not apply to the production and sale it intrastate sale of which commenced on or after well if it is drilled within an established prores prior to January 1, 1975, from the same reserved in the such new well was justified for reasons it.	of natural gas in January 1, 1975, Ition unit which w oir unless the Oil	intrastate com provided howeve as producing or Conservation D	merce from a well r, that the Act sha capable of productivision exempts suc	the drilling all apply ing ch well
 Director (the Natural 	by Order No. R-5436, dated June 8, 1977, the Division is empowered to act for the Division IS Gas Pricing Act provided said wells were drilled have producing or capable of producing natural	ion and exempt gas ed on or after Jan	wells from the uary 1, 1975, w	provisions of Sections of Sections	tion 5 of proretion
well or as	to qualify for such exemption, under said Order N an <u>infill</u> well.	•			
measons oth	pursuant to Order No. $R-5436$, the Director of the er than avoiding the pricing provisions of the Na	tural Gas Pricing	Act upon a show	ving by the operato	or that:
	he well was necessary to replace a well lost due r formation damage; or that	to economically is	rreparable down-	-hole mechanical fa	ilure
(b) t	he well was necessary to replace a well producing	at non-commercia	l rates; or that	t	
(c) t	he drilling of the well commenced prior to Januar	y 18, 1977.			,
(5) That other than	pursuant to Order No. R-5436, the Director of the avoiding the pricing provisions of the Natural Ga	Division may finds S Pricing Act upon	i that an infili	l well is justified the operator that:	for reasons
1	the well was drilled in a pool where the Division, that infill drilling in such pool will increase th n such pool, will result in more efficient use of recovery of gas from the pool; or that	e recoverable res	erves under the	various proration	units
	the well is necessary to protect the proration uni- nights; or that	t from uncompensa	ted drainage or	to protect correla	itive
(c) t	he drilling of the well commenced prior to Januar	y 18, 1977.	•		
	the applicant herein Southern Union Extended Act pursuant to Section 62-7-5, NMSA				
exemption	all the requirements of said Order No. R-5436 have from the provisions of the Natural Gas Pricing Ac the application of said act, but was in fact:	we been complied w t inasmuch as sai	ith, and that so d well was not o	aid well is justifi drilled for the pu	ed for mose of
()	A Replacement Well				
5. 4. **	() necessary to replace a well lost due to econo formation damage.	mically irreparab	le down-hole med	chanical failure or	
	() necessary to replace a well producing at non- () a well the drilling of which commenced prior	commercial rates. to January 18, 19	77.		
(0)	An Infill Well				
	(X) drilled in a pool where the Division, after a drilling in such pool will increase the reco- will result in more efficient use of reservo- of gas from the pool, said pool being the	verable reserves u	nder the variou I tend to ensur	s proration units	in the pool,
	and the order being Division Order No. R-	1670-V ·			
	() necessary to protect the proration unit from () a well the drilling of which commenced prior	uncompensated dra to January 18, 19	inage or to pro 177.	otect correlative r	ights.
IT IS TH	EREFORE ORDERED:				
62-7-10	t the above-named well is hereby exempted from Se NMSA 1978). effective this date.				
combrå e	t jurisdiction of this cause is hereby retained, ith the provisions of Rule 6(d) or Rule 7(c) of D	ivision Order No.	R-5436 or for o	t to rescission up other good cause sh	on failure to
DONE at	Santa Fe, New Mexico on this 27th day of	July ,	1982		
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	Programme and the second secon				
				الو ي. الا.	



Southern Union Exploration Company

Suite 400 Texas Federal Building 1217 Main Street Dallas, Texas 75202 214/742-6051

June 7, 1982

State of New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501 Purchaser?



Re: Jicarilla "K" #15E Basin Dakota Field Rio Arriba County, NM

.

Gentlemen:

Pursuant to the provisions of the New Mexico Oil Conservation Commission's Order No. R-5436 and pursuant to Section 62-7-5 NMSA 1978, Southern Union Exploration Company respectfully requests an exemption for the above referenced infill gas well from the provisions of the State of New Mexico's Natural Gas Pricing Act.

Attached for your consideration is a copy of an area plat showing the referenced proration unit, the location of all wells thereon, and the ownership and location of all wells offsetting it. Also please find enclosed a notarized certification pursuant to Rule 7 (c) contained in Order No. R-5436; and USGS Forms 9-331C and 9-330.

The Oil Conservation Commission had found that infill drilling would substantially increase recoverable reserves, would result in more efficient use of reservoir energy, and would tend to ensure greater ultimate recovery of gas from the Basin Dakota pool in Order No. R-1670-V. The above referenced well is completed and producing from this pool.

Southern Union Exploration Company also respectfully requests that this exemption be approved retroactive to the date of initial deliveries from this well (1/11/82). We had sincerely believed that these exemptions were automatic and no application was required to exempt this well. We apologize for any inconvenience this may have caused.

If you require any additional information, please let us know.

lusur

Director, Administrative Operations

SBR:tf

Attachment

CERTIFICATION

I hereby certify that the Hodges Well No. 15, being the existing well on the referenced proration unit, shall not have its ability to produce into the pipeline restricted in any manner.

SOUTHERN UNION EXPLORATION COMPANY

By:

Ronald M. Sentz

Drilling and Production

Engineer

Subscribed in my presence and duly sworn to before me, this eighth day of June, 1982.

Notary Public in and for Dallas County, Texas

My Commission Expires

JUL 06 1982

JUL OF 1982

SANTA FE

UNIOD STATES SUBMIT DEPARTMENT OF THE INTERIOR SUBMIT IN DUPLIC GEOLOGICAL SURVEY

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WELL X	OVER L	N .	PLNG DACK	EER	/a. 🗆	Other						EMBE NAME	
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Southern Ur		pration	n Compa	any	· ·						LL NO.		•
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1217 Main S							-			_		POOL, OR	WILDCAT
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24. PRODUCING INTER			TION-TOP,	BOTTOM,	NAMB (H	D AND TYD			•				DIRECTIONAL VET MADE
7385~7575'											•	Yes	
												<u> </u>	
26. TYPE ELECTRIC A Induction E			log							.•	2	NO -	
28.			CASIN	NG RECO	RD (Rep	ort all stri	ige set in	well)					
CASING SIZE	WEIGHT, LD	/FT.	DEPTH SET		Bol	£ 5122		CEA		SECORD			OUNT PULLED
CASING SIZE 8 5/8"	24	/FT.			Bol					·	v/2% (OUNT PULLED
CASING SIZE	24 10.5		274 ' 7609	(MD)	Boi	£ 5122	200	CEA	lass	"B" v			OUNT PULLED
8 5/8" 4 1/2"	24 10.5 200 sks F	lallibu	274 274 7609 274 27609	(MD)	Boi	2 1/4"	200 1st-	sks C	lass ks 50 ks 50	"B" v 0/50 p	00Z 00Z +	50	
8 5/8" 4 1/2"	24 10.5	lallibu	274 274 7609 274 27609	(MD)	Boi	2 1/4" 7 7/8"	200 1st-	sks 0 350 s 475 s	lass ks 50 ks 50	"B" v	00Z 00Z +	50	3,000#
8 5/8" 4 1/2"	24 10.5 200 sks F	lallibu Neat c	274 274 7609 274 27609	(MD)	Boi	2 1/4" 7 7/8"	200 1st- 2nd-	sks 0 350 s 475 s	lass ks 50 ks 50 ss "l	"B" v 0/50 p	00Z 00Z + 2% Ca(50 C1 18	3,000#
8 5/8" 4 1/2" HIRD STAGE:	24 10.5 200 sks F	lallibu Neat c	274' 7609 urton l cement	(MD)	and	2 1/4" 7 7/8"	200 1st- 2nd- sk	sks 0 -350 s -475 s (s Cla 80.	lass ks 50 ks 50 ss "l	"B" v 0/50 g 0/50 g 1" w/2 TCBING	OOZ OOZ + Ca(RECOR	50 C1 18	3,000# KEB SET (MD)
8 5/8" 4 1/2" IRD STAGE:	24 10.5 200 sks H 100 sks	lallibu Neat c	274' 7609 urton l cement	(MD)	and	2 1/4" / //8"	200 1st- 2nd- sk	sks C 350 s 475 s s Cla	lass ks 50 ks 50 ss "l	"B" v 0/50 g 0/50 g 1" w/2 TCBING	OOZ OOZ + Ca(RECOR	50 C1 18	3,000#
CASING SIZE 8 5/8" 4 1/2" HIRD STAGE: 29.	24 10.5 200 sks H 100 sks	lallibu Neat C LINER	274' 7609 urton l cement RECORD	(MD)	and	E SIEE 2 1/4" / 7/8" SCREEN (200 1st- 2nd- 2nd- (MP)	sks 0 -350 s -475 s s Cla 80.	lass ks 50 ks 50 ss "h	"B" v 0/50 p 0/50 p d" w/2 TCBING DEPTE a 734	DOZ DOZ + 2% Ca(RECOR	50 C1 11	3,000# SER BET (MD)
CASING SIZE 8 5/8" 4 1/2" HIRD STAGE: 29. 31. PERFORATION REC	24 10.5 200 sks H 100 sks	lallibu Neat C LINER	274' 7609 urton l cement RECORD	(MD)	and	E SIZE 2 1/4" 7 7/8" SCREW (200 1st- 2nd- sk	Sks C 350 s -475 s (S Cla 80. 8129 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 g 0/50 g 1" w/2 TCBING DEPTE a 734	DOZ + 2% Ca(RECOR RECOR (MD)	50 Cl li	3,000# SER SET (MD) 341'
CASING SIZE 8 5/8" 4 1/2" HIRD STAGE: 29. SIZE 31. PERPORATION RECAVERDE ~5381',	24 10.5 200 sks 1 100 sks TOP (MD)	Neat CLINER BOTTOM	7609 urton l cement RECORD (MD)	ite,	and wenre	E SIZE 2 1/4" / //8" SCAREN (200 1st- 2nd- Sk (MB)	Sks C 350 s -475 s (S Cla 80. 8129 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING 0 DEPTE a 734	DOZ + 2% Ca(RECOR RECOR (MD)	50 C1 11	3,000# (ER SET (MD) 341' , ETC.
29. 31. PERFORATION RECAVERDE ~ 5381', 25', 34', 4	24 10.5 200 sks h 100 sks TOP (MD)	Neat of LINER BOTTOM	7609 urton 1 cement RECORD (MD) 1 10mber) 755', 80	ite,	and wenre	E SIZE 2 1/4" / //8" SCAREN (200 1st- 2nd- sk	Sks C 350 s -475 s (S Cla 80. 8129 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING 0 DEPTE a 734	DOZ + 2% Ca(RECOR RECOR (MD)	50 Cl li	3,000# KER SET (MD) 341'
29. 31. PERPORATION RECAVERDE ~ 5381 ', 25', 34', 49', 13', 22',	24 10.5 200 sks H 100 sks TOP (MD) 301D (Interval, 85', 88', 88', 88', 88', 88', 88', 88'	Neat of LINER BOTTOM BOTTOM Soline and n 91' 56' 6 holes	7609 urton 1 cement RECORD (MD)	(MD))' lite, 5402')', 85	and went* , 06' , 97	SCREEN (2 1/4" //8" SCREEN (2 1/4" S	200 lst- 2nd- 2nd- sk (HD) AGI	Sks 0 350 s 475 s s Cla 80. strs 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1/50 p 1/5	DOZ + DOZ + CA(RECOR RECOR R	SO PACE 7	3,000# SER SET (MD) 341' ETC.
CASING SIZE 8 5/8" 4 1/2" HIRD STAGE: 29. 31. PERFORATION RECAVERDE - 5381', 25', 34', 4 9', 13', 22', DTA-7520'-41'	24 10.5 200 sks H 100 sks TOP (MD) 500D (Interval., 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM 56', 6 holes	274' 7609 urton l cement RECORD (MD) 1000000000000000000000000000000000000	5402' 0', 85	Boi 1 and wenre , 06'	SCREEN (2 1/4" //8" SCREEN (2 1/4" S	200 1st- 2nd- Sk (MB)	Sks 0 350 s 475 s s Cla 80. strs 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1/50 p 1/5	DOZ DOZ + 2% Ca(RECOB RECOB FT (MD)	50 C1 18 D PACE 7. SQUEEZE OF NATES	3,000# SER SET (MD) 341' ETC. IAL USED
25. 31. PERFORATION RECAVERDE - 5381', 25', 34', 49', 13', 22', 0TA - 7520' - 41', 7396' - 404',	24 10.5 200 sks H 100 sks TOP (MD) 500D (Interval., 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM 56', 6 holes	274' 7609 urton l cement RECORD (MD) 1000000000000000000000000000000000000	5402' 0', 85	Bool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SCAREN (1982) S2. DEPTE 1982 7385	200 lst- 2nd- 2nd- sk (HD) AGI	Sks 0 350 s 475 s s Cla 80. strs 2 3/8	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1/50 p 1/5	DOZ DOZ + 2% Ca(RECOB RECOB FT (MD)	50 C1 18 D PACE 7. SQUEEZE OF NATES	3,000# EER SET (MD) 341' ETC.
CASING BIZE 8 5/8" 4 1/2" HIRD STAGE: 29. 31. PERFORATION RECAVERDE - 5381', 25', 34', 4 9', 13', 22', DTA-7520'-41'	24 10.5 200 sks H 100 sks TOP (MD) 500D (Interval., 85', 88' 11', 51', (20-1/2", 7553'-5, 7414'-21	lallibu Neat C LINER BOTTOM 56', 6 holes 5', 75', 28'	274' 7609 urton l cement RECORD (MD) 1000000000000000000000000000000000000	5402' 0', 85	Bool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SCAREN (STATE) 538	200 1st- 2nd- Sk (MB)	Sks C 350 s -475 s (S Cla 80. 8128 2 3/8 D, SHOT	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1/50 p 1/5	DOZ DOZ + 2% Ca(RECOB BET (MD)	SQUEEZE OF WATER 15% HCI 208,0	3,000# KER SET (MD) 341' ETC. TAL USED 73,830 000# Sand
CASING BIZE 8 5/8" 4 1/2" HIRD STAGE: 29. 31. PERFORATION RECAVERDE - 5381', 25', 34', 4 9', 13', 22', 0TA-7520'-41', 7396'-404',	24 10.5 200 sks H 100 sks TOP (MD) TORD (Interval, 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM 56', 6 holes 5', 75', 28'	274' 7609 urton 1 cement RECORD (MD) 10,00000000000000000000000000000000000	5402' 0', 85	Bool 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	SCAREN (STATE) 538	200 1st- 2nd- Sk (MB) ACI 5-7575	Sks C 350 s -475 s (S Cla 80. 8128 2 3/8 D, SHOT	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1/50 p 1/5	DOZ DOZ + 2% Ca(RECOB BET (MD)	50 C1 18 DD PACE 7: SQUEEZE OF WATER 15% HC1	3,000# KER SET (MD) 341' ETC. IAL USED 73,830 000# Sand
CASING BIZE 8 5/8" 4 1/2" HIRD STAGE: 29. 31. PERFORATION RECAVERDE - 5381', 25', 34', 4 9', 13', 22', 0TA-7520'-41', 7396'-404',	24 10.5 200 sks H 100 sks TOP (MD) TORD (Interval, 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM , 91', 56', 6 holes , 75', 78' ', 28'	274' 7609 urton 1 cement RECORD (MD) 10,00000000000000000000000000000000000	5402')', 85 5', 73 /2" h	Booles) PROD	SCAREN (STATE) 538	200 lst- 2nd- 2nd- Sk (MD) ACT (MTEBVAL 5-7575	Sks C 350 s -475 s (S Cla 80. 8128 2 3/8 D, SHOT	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING 734 TUBE CI	DOZ DOZ + 2% Ca(RECOB BET (MD)	SQUEEZE OF MATER 15% HCl	3,000# KER SET (MD) 341' ETC. IAL USED 73,830 000# Sand
29. 31. PEBPORATION RECAVERDE ~ 5381', 25', 34', 49', 13', 22', 7396'-404', 33.*	24 10.5 200 sks H 100 sks TOP (MD) TORD (Interval., 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM , 91', 56', 6 holes , 75', 78' , 28'	274' 7609 urton 1 cement RECORD (MD) 1000 1000 1000 1000 1000 1000 1000 10	5402')', 85	Booles) PROD	2 1/4" / //8" scaren (scaren (538) 7385	200 lst- 2nd- 2nd- Sk (MD) ACI FEBVAL -5522 5-7575	Sks 0 350 s -475 s s Cla 80. strs 2 3/8 D, SHOT (ND)	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING 734 TUBE CI	DOZ DOZ + 2% Ca(RECOB RECOB RET (MD) FIND FIND S OF	SQUEEZE OF MATER 15% HCl	3,000# SER SET (MD) 341' ETG. IAL USED -, 73,830 000# Sand
29. 31. PEBPORATION RECAVERDE - 5381', 25', 34', 49', 13', 22', 0TA-7520'-41', 7396'-404', DATE PIRST PRODUCTION	24 10.5 200 sks H 100 sks TOP (MD) FOULD (Interval, 85', 88', 88', 88', 88', 88', 88', 88'	lallibu Neat C LINER BOTTOM , 31', 56', 6 holes , 75', 78' , 28'	7609 urton 1 cement RECORD (MD) 100867 55', 80 559'-75 (60-1	5402')', 85 5', 73 /2" h	ment* , 06' , 97 85'- oles) PROD PROD PROD PROD PROD PROD PROD PRO	SCREEN (SCREEN (SCREEN (SCREEN (STATE (200 lst- 2nd- 2nd- Sk (MD) ACI FEBVAL -5522 5-7575	Sks C 350 s -475 s s Cla 80. sizs 2 3/8 D, SHOT (ND)	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TCBING DEPTE 8 734 FURE CI 10077 AF	DOZ DOZ + 2% Ca(RECOR ET (MD)	SQUEEZE OF MATER 15% HCI \$ 208,0	3,000# SER SET (MD) 341' ETG. IAL USED -, 73,830 000# Sand
29. 31. PERFORATION RECAVERDE - 5381', 25', 34', 49', 13', 22', 7396'-404', 7396'-406'-406'-406'-406'-406'-406'-4	24 10.5 200 sks H 100 sks TOP (MD) TORD (Interval, 85', 88', 88', 88', 88', 88', 88', 7553'-5, 7414'-21 TON PROPERTY PROPERTY CASINO PRESSES 99	Iallibu Neat C LINER BOTTOM 56', 6 holes 5', 75 ', 28' OW CHO CHO	7609 urton 1 cement RECORD (MD) (MD) (SS) 559'-75 (60-1 RETHOD (FI	5402')', 85 5', 73 /2" h	ment* , 06' , 97 85'- oles) PROD PROD PROD PROD PROD PROD PROD PRO	SCREEN (SCREEN (SCREEN (SCREEN (STATE (200 lst- 2nd- 2nd- Sk (MD) ACI FEBVAL -5522 5-7575	Sks C 350 s -475 s s Cla 80. sizs 2 3/8 D, SHOT (ND)	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING TUBE CI FURE CI	DOZ DOZ + 2% Ca(RECOR ET (MD)	SQUEEZE OF WATER 15% HCI 208,0 TATUS (Pro	3,000# SER SET (MD) 341' ETC. 114 USED -, 73,830 000# Sand
29. 31. PERPORATION RECAVERDE - 5381', 25', 34', 49', 13', 22', 0TA-7520'-41', 7396'-404', 33.* DATE OF TEST 5/5/81 FLOW. TUBING PRESS. 85	24 10.5 200 sks H 100 sks TOP (MD) TORD (Interval, 85', 88', 88', 88', 88', 88', 88', 7553'-5, 7414'-21 TON PROPERTY PROPERTY CASINO PRESSES 99	Iallibu Neat C LINER BOTTOM 56', 6 holes 5', 75 ', 28' OW CHO CHO	7609 urton 1 cement RECORD (MD) (MD) (SS) 559'-75 (60-1 RETHOD (FI	5402')', 85 5', 73 /2" h	ment* , 06' , 97 85'- oles) PROD PROD PROD PROD PROD PROD PROD PRO	SCAREN (SCAREN	200 Ist- 2nd- 2nd- Sk (MD) ACI (FTERVAL -5522	Sks C 350 s -475 s s Cla 80. sizs 2 3/8 D, SHOT (ND)	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING FURE CI FURE CI FORT AF CONTACT O FROM TEOT	OOZ + OOZ + OOZ + OOZ + OOZ Ca(RECOB RECO	SQUEEZE OF WATER 15% HCI 208,0 TATUS (Pro	3,000# SER SET (MD) 341' ETC. IAL USED Oducing or IL RATIO
## CASING BIZE 8 5/8" 4 1/2" HIRD STAGE: 29.	24 10.5 200 sks h 100 sks TOP (MD) CORD (Interval, 85', 88', 88', 88', 88', 88', 88', 88'	Iallibu Neat C LINER BOTTOM 56', 6 holes 5', 75 ', 28' OW CHO CHO	7609 urton 1 cement RECORD (MD) (MD) (SS) 559'-75 (60-1 RETHOD (FI	5402')', 85 5', 73 /2" h	ment* , 06' , 97 85'- oles) PROD PROD PROD PROD PROD PROD PROD PRO	2 1/4" / //8" scares sz. DEFTE 538 7385 OUCTION mping—ou	200 Ist- 2nd- 2nd- Sk (MD) ACI (FTERVAL -5522	Sks C 350 s -475 s s Cla 80. sizs 2 3/8 D, SHOT (ND)	lass ks 50 ks 50 ss "l	"B" v 0/50 p 0/50 p 1" w/2 TUBING FURE CI FURE CI FORT AF CONTACT O FROM TEOT	OOZ + OOZ + OOZ + OOZ + OOZ Ca(RECOB RECO	SQUEEZE OF MATER 15% HCl S 208,0 ATUS (Property of the control o	3,000# SER SET (MD) 341' ETC. IAL USED Oducing or IL RATIO

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

FORMATION	TOP	BOTTOM '	DESCRIPTION, CONTENTS, ETC.	T	OP
jo Alamo	2212	2854	Sand	MEAG. DEPTH	TRUE VERT. DEPT
irtland	2854'	3003', '	Shale Kirtland	2854'	2804 '
ruitland	3003'	3193'	Shale & Coal Pictured Cliffs	3198'	3151'
ctured Cliffs	3198'	3303'	Sand Menefee	4943'	4864
wis :	3303'	40771	Shale	7382'	7269'
acra	4077	4863	Sand	7302	1209
iffhouse	4863	4943'	Sand	•	ł
nefee	4943'	5378'	Sand, shale, & coal		
int Lookout	5378'	5532'	Sand		
per Marcos	5532'	6419'	Shale	•	1
llup	6419'	6917'	Shale & Sand		
wer Marcos	6917'	7298	Shale	•	į
reenhorn	7298'	7360'	Limey Shale		
ranerous	7360'	7382'	Shale	. •	1
kota	7382'	TD :	Sand & some shale	: .	,
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871-233

(This space for Federal or State office use)

CONDITIONS OF APPROVAL, IF ANY:

APPROVED BY ..

SUBMIT IN Th ATE.

(Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1425.

6-12-80

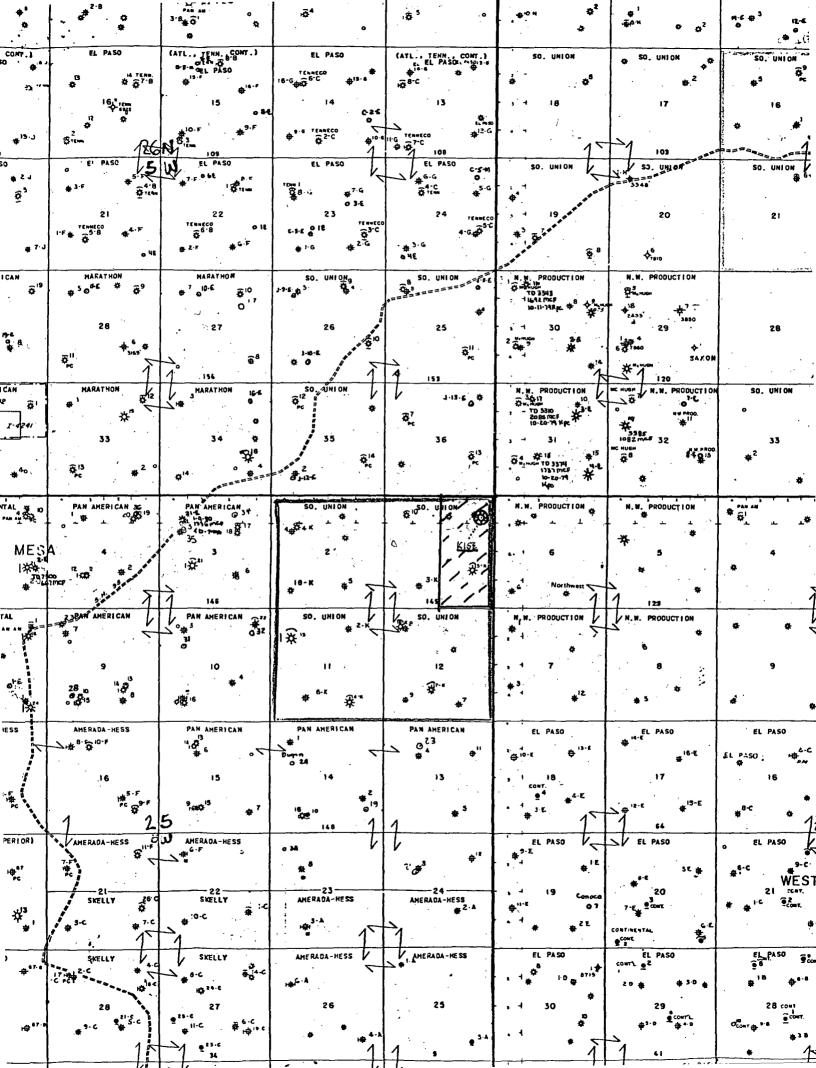
UNITED STATES DEPARTMENT OF THE INTERIOR

5. LEASE DESIGNATION AND SEBIAL NO. GEOLOGICAL SURVEY Contract No. 145 G. IF INDIAN, ALLOTTEE OR TRIBE NAME APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK Jicarilla Apache 1a. TYPE OF WORK 7. UNIT ACREEMENT NAME DRILL 🖾 DEEPEN | PLUG BACK b. TYPE OF WELL WELL RINGLE Zone MULTIPLE ZONE WELL X S. FARM OR LEASE NAME OTBER 2. NAME OF OPERATOR Jicarilla "K". 9. WELL NO. SUPRON ENERGY CORPORATION 3. ADDRESS OF OPERATOR 15-E 10. PIELD AND POOL, OR WILDCAT P.O. Box 808, Farmington, New Mexico 87401 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) Basin Dakota 1095 ft./North line and 790 ft./East line 11. SEC., T., B., M., OR BLE. AND SUBVEY OR AREA At proposed prod. zone Same as above Sec. 1, T-25N, R-5W, N.M. 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE. 12. COUNTY OR PARISH | 18. STATE 15 miles northeast of Counselors, New Mexico Rio Arriba New Mexico 15. DISTANCE FROM PROPUSED* 17. NO. OF ACRES ASSIGNED TO THIS WELL 16. NO. OF ACRES IN LEASE 790 ft. LOCATION TO REABEST PROPERTY OR LEASE LINE, FT. (Also to Dearest drig. unit line, if any) 790 ft. 2560 319.91 Es DISTANCE FROM PROPOSED LOCATIONS
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 19. PROPOSED DEPTH 20. ROTABY OR CABLE TOULS 305 ft. 7560 Rotary 21. ELEVATIONS (Show whether DF, RT, GR, etc.) 22. APPROX. DATE WORK WILL START August 18, 6716 Gr. 1980 23. PROPOSED CASING AND CEMENTING PROGRAM SIZE OF HOLE WEIGHT PER FOOT SETTING DEPTH QUANTITY OF CEMENT SIZE OF CASING 12-1/4" 8-5/8" 24.00 250 ft. 175 sx 7-7/8" 10.50 7560 ft. 1000 sx The surface hole will be drilled to +250 ft. Casing will be run and cemented with the cement being circulated back to the surface. The surface casing will be pressure tested. The well will be drilled to T.D. of approx. 7560 ft. using a starch base mud as the circulating medium. Pipe will be run and cemented in three stages as follows: First stage 400 sx of 50-50 POZ mix, Second stage 400 sx of 50-50 POZ mix followed by 50 sx of class "B" cement and the Third stage 100 sx of HOWCO Lite followed by 50 sx of class "B" with the estimated cement top to be at 2,300 ft. The pipe will be pressure tested and the Dakota zone will be perforated and fractured to stimulate production. The well will be cleaned up and tubing run and landed above the Dakota zone. The wellhead will be nippled down and the well tested. IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: 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.

Area Superintendent

APPROVAL DATE ...

LD DEPARTMENT	.,	•	62355		, Revised 10
		Leune			Well Ho.
NERGY CORP	ORATION	JICARILI	LA "K"		15-E
lion	Inwastilp	livine	County		1
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ul 'e e i l;				O MULDA	
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			- 790' - Num R 1-01 A Cor	Rudy D. Mott stillon rea Superir	ntendent SY CORPORATION
			Fe	bruary	6, 1980
	It is the man the DAKOTA Income lense is dignification, unitization,	VERGY CORPORATION Township 1 25 NORTH of well: NORTH fine and Producing Formation DAKOTA renge dedicated to the subject w one lense is dedicated to the well yalty). The lense of different ownership is unitization, unitization, force-pooling No If answer is "yes," type of the sessary. If he assigned to the well until all or otherwise) or until a non-standard 1 1 1 1 1 1 1 1 1 1 1 1 1	NERGY CORPORATION Township 1 25 NORTH 1 25 NORTH DAKOTA Tenge dedicated to the subject well by colored penesone lense is dedicated to the well, outline each and yalty). The lense of different ownership is dedicated to the west initization, unitization, force-pooling, ete? No If answer is "yes," type of consolidation— The subject well interests have been otherwise) or until a non-standard unit, eliminating so therwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well and interests have been otherwise) or until a non-standard unit, eliminating so the subject well by colored penesons.	VERGY CORPORATION VERGY CORPORATION Item Township 1 25 NORTH Trust trees the NORTH Trust trees trees the North trees t	NERGY CORPORATION County County





STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

June 29, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Southern Union Exploration Company Suite 400 Texas Federal Building 1217 Main Street Dallas, Texas 75202

Attention: Susan B. Reno, Administrative

Operations Director

Re: Applications for Exemption

from the New Mexico Natural

Gas Pricing Act

Dear Ms. Reno:

In regards to a telephone conversation with Ms. Betsy McMahon on Monday, June 28, 1982, I am unable to approve administratively your request to exempt the subject wells from the provisions of the New Mexico Natural Gas Policy Act and that those exemptions be retroactive to the date of initial deliveries for each well. May I suggest that Southern Union Exploration Company set these cases for hearing before a Division Examiner.

Enclosed are your applications for these wells. If I may be of any assistance in this matter please call.

Sincerely,

MICHAEL E. STOGNER Petroleum Engineer

MES/fd enc.

cc: W. Perry Pearce, General Counsel
New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87501

Ms. Betsy McMahon Southern Union Exploration Company Suite 400, Texas Federal Building 1217 Main Street Dallas, Texas 75202



Southern Union Exploration Company

Suite 400 Texas Federal Building 1217 Main Street Dallas, Texas 75202 214/742-6051

July 1, 1982

State of New Mexico Energy & Minerals Department Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attention: Mr. Perry Pearce

General Counsel

Applications for Exemption from the New Mexico Natural

Gas Pricing Act

Dear Mr. Pearce:

Pursuant to our telephone conversation of this morning, I am returning herewith the above referenced applications which were returned to SX by the OCD's Mr. Michael E. Stogner.

Southern Union Exploration Company hereby requests the Oil Conservation Division to set for hearing before the OCD these Applications for Exemption from the New Mexico Natural Gas Pricing Act and the exemptions be approved retroactive to the date of initial deliveries from the wells.

Should you have any questions or need further information, please advise.

Very truly yours,

Susan B. Reno

Director-Administrative Operations

SBR:klt

Attachments

Paul Zeis cc: Marketing

SANTA FE



STATE OF NEW MEXICO

ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

July 8, 1982

POST OFFICE BOX 2088 STATE LAND OFFICE BUILDING SANTA FE, NEW MEXICO 87501 (505) 827-2434

Southern Union Exploration Company Suite 400 Texas Federal Building 1217 Main Street Dallas, Texas 75202

Attention: Susan B. Reno, Administrative Operations Director

Re: Applications for Exemption from the New Mexico Natural

Gas Pricing Act

Dear Ms. Reno:

Please submit for each application the name and address of the gas purchaser.

Thank you.

Sincerely,

Michael E. Stogner

Petroleum Engineer

MES/ms



Southern Union Exploration Company

Suite 400 Texas Federal Building 1217 Main Street Dallas, Texas 75202 214/742-6051



July 12, 1982

State of New Mexico Oil Conservation Division P. O. Box 2088 Santa Fe, New Mexico 87501

Attention: Michael E. Stogner

Petroleum Engineer

Re: Application for Exemption from

the New Mexico Natural Gas

Pricing Act

Jicarilla "K" #15E

Gentlemen:

As requested by Mr. Stogner's letter dated July 8, 1982, the purchaser for the above referenced well is as follows:

Gas Company of New Mexico 1800 First International Bldg. Dallas, Texas 75270

Please advise if you require any additional information.

Very truly yours,

Betsy J. McMahon

Regulatory Affairs Coordinator

BJM:tf

cc: Susan Reno

Chuck Wilson Dennis Morgan