Union Texas Petroleum

P. O. Box 1290 Farmington, N.M. 87499 (505) 325-3587

May 29, 1984

JUN 1 1984

RECEIVED

Mr. Joe D. Ramey Division Director New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501

Re: Application for Exemption from the Provisions of Section 6 of the Natural Gas Pricing Act. Union Texas Petroleum Corporation, McClanahan "A" No. 2-E (Basin Dakota), San Juan County, New Mexico.

Dear Sir:

Pursuant to the provisions of the New Mexico Oil Conservation Division Order No. R-5436, Union Texas Petroleum Corporation hereby submits its application for a determination under Section 6 (Section 62-7-5, NMSA 1978) of the New Mexico Pricing Act that the above well is exempted for reasons other than avoiding the application of the New Mexico Pricing Act.

The above captioned well is located and drilled as an "infill" well in a particular gas pool pursuant to an Oil Conservation Division Order finding that such well will increase recoverable reserves under the applicable proration unit and will result in more efficient use of reservoir energy and will tend to ensure greater ultimate recovery of gas from the pool. The applicable Division Order Number for the Dakota pool is R1670-V.

Transmitted herewith in support of the application is a plat of the area showing the proration unit in question, the location of the above referenced well and the ownership and location of all wells on direct or diagonally offsetting proration units.

Submitted herewith is a copy of the following data which shows the date on which drilling of the well commenced:

- Application for Permit to Drill (APD)
- 2. Sundry Notices with respect to the subject well
- 3. Well Completion report
- 4. Certification that the existing well on the proration unit has not been and will not have its ability to produce into the pipeline or be restricted in any manner by Union Texas Petroleum Corporation for the purpose of Amending the application of the New Mexico Pricing Act to sales of natural gas from subject well.



Mr. Joe D. Ramey Division Director New Mexico Oil Conservation Division P.O. Box 2088 Santa Fe, New Mexico 87501 Page Number 2

5. This well was drilled to increase recoverable reserves, ensure greater ultimate recovery of gas from the pool and result in more efficient use of the reservoir energy.

Very Truly Yours,

Union Texas Petroleum Corporation

Rudy D. Motto

Area Operations Manager

RDM:svr

cc: Mr. Frank Chavez, Supervisor
District III Office
New Mexico Oil Conservation Division
1000 Rio Brazo Road
Aztec, New Mexico 87410

Gas Company of New Mexico P.O. Box 26400 Albuquerque, New Mexico 87125 Attention: Gas Supply Department

Campbell, Byrd & Black P.A. P.O. Box 2208
Santa Fe, New Mexico 87501
Attention: William F. Carr

Mr. D. W. Pickels Mr. G. R. Johnson Mr. T. K. Woolley Mr. W. N. Hahne

STATE OF NEW MEXIC				* 3	10-645	-25885
ENERGY AND MINERALS DEPA		CONSERVATIO		•	Form C-101	•
DISTRIBUTION		P BOX 20	88	r	Revised 10-	
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b. Type of Well DRILL X		DEEPEN 🗌	DIST. 3	BACK 🔲		reement No. SW8
011 648	, 1			1	8. Form or Le	· · ·
2. Name of Operator	OTHER,	·	ZONE V M	ZONE	9. Well No.	an A
Union Texas Petro	leum Corporation	1			2E	
3. Address of Operator	uminatan Nov. M.	vice 97400			Basin D	d Pool, or Wildcat
P.O. Box 1290, Fa					Basin D	akula
UNIT LETTE	ER 0 LOC	ATES 790 FE	EET FROM THE	uth Line		
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21. Elevations (Show whether DF,	RT, etc.) 21A, Kind	& Status Plug. Band 21	6700 feet	Dakota	122 /2772	Rotary Date Work will start
5745 GR	Current	\$50,000 Blanke	t To be Det	ermined	1	ch 15, 1984
23.	····					,11 10, 1004
	Р	ROPOSED CASING AND	CEMENT PROGRAM			
SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT		H SACKS OF	CEMENT	EST. TOP
13-3/8"	10-3/4"	40.5# H-40	(-) 300 ft.	200 SX		Circulated
9-5/8"	7"	23# K-55	(-) 6000 ft.	1075 SX-		Circulated
6-1/4"	4-1/2"	11.6# K -55	(+) 6700 ft.	200 SX		Circulated
			•	·		
We desire to dril	ll this well to	the above desig	nated program	using a st	tarch bas	se, permaloid
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2950 ft, and the	pipe cemented i	n two stages.	First stage ap	prox. 450	SX of 50	0-50 POZ and
tail in with 100.	.SX of CL B ceme	nt. Second sta	ge approx. 525	SX of 50-	-50 РОZ г	mix. Logging
Program: Intermed	diate - GR-DIL 1	D to Surface ca	sing shoe; Lir	ier - GK-D.	IL; UUL-U	UNL-CAL.
Perforate the Dal	Kota zone in 3 S nyoduction tubir	tages and trac	each Staye to	Scilliulate of the	well he:	ad Test
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A steel trash bir	n will be used a	nd after comple	tion will be o	dumped in a	an appro	ved dump.
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			APPROVAL EXPINI UNLESS DRILLING	IS COMMEN	CED.	
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IN ABOVE SPACE DESCRIBE PR	CODOSED DOOCBALL IF		MITHIN 10DAYS	TH PRESENT PROF	DUCTIVE 70×F	AND PROPOSED HEW PRODUC
TIVE 20HE. GIVE BLOWOUT PREVENT	ER PROGRAM, IF ANY.					THE PROPERTY OF THE PROPERTY O
I hereby certify the the information	on above by time and comp	olete to the best of my kny	owledge and belief.			
Simo X 11:7/1/	27/1	Title Area Oper	rations Manage	r n	ore Janu	ary 31, 1984
Signed R. D. Molto	S (<i>\displays</i>		
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CONDITIONS OF APPROVAL, IF	FANYI	, 11166 <u></u>			~ ! E	
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P. O. BOX 2088

Form C-102 Revised 10-1-

ENERGY MO MINERALS DEPARTMENT SANTA FE, NEW MEXICO 87501 All dis incre must be from the outer boundaries of the Sec. 1.

Operator			Leose			Well No.
UNION TEXA	S PETROLEUM	CORPORATION	MCCLANAHAN "	A"		2-E
Unit Letter	Section	Township	Range	County		
0	23	28 NORTH	10 WEST	SAN	JUAN	
790	feet from the SC	OUTH line and	1850	I from the	EAST	line
Ground Level Elev. 5745	Producing Form		P∞I Basin		100	/2 320.00 Acres
		ed to the subject we	ll by colored pencil or		•	below.
interest an	an one icase is	dedicated to the well	outline each and iden	ntily the o	wnership thereof	(both as to working
3. If more that dated by co	n one lease of di	fferent ownership is d nitization, force-poolir	edicated to the well, I ag. etc?	have the i	nterests of all ov	vners been consoli-
X Yes	☐ No If an	swer is "yes;" type of	consolidation Comm.	. Agreeme	ent No. SW 87	
Il answer i	s "no," list the o	wners and tract descr	iptions which have ac	tually been	n consolidated. (I	Jse reverse side oi
	•	d to the well until all	interests have been a		.) (\	
forced-nool	ing. or otherwise)	or until a non-standard	unit, climinating such	interests	has been approx	ention, unitization.
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_	1		DIST. 3	1	Rudy D. Motto)
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	i .	23	# 1		January 19, 19	984
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	i		i			Approved from field
	SF 079634-A		(555)	11	under my	and the the same
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	1		1850		Date Surveye	
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	`\!	000	İ		and/or Land Surveyor	
		, ,			Michael Da	ly
					Certificate Na.	

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Form C-103 Revised 10-1-

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v.s.c.s.	Sa. Indicate Type of Lease
LAND OFFICE	State Fee
OPERATOR 7	5. State Oil & Gas Lease No.
	SF 079634
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SUNDRY NOTICES AND REPORTS ON WELLS	
USE "APPLICATION FOR PERMIT (FORM C-101) FOR BUCH PROPOSALS.)	
1.	7. Unit Agreement Hane
MELL OTHER.	
2. Name of Operator	8. Farm or Lease Ivame
Union Texas Petroleum Corporation	McClanahan A
onion lexas retroteum corporation	McClanahan A
3. Address of Operator D. O. Boy 1200 Farmington Novi Movice 97400	
P.O. Box 1290, Farmington, New Mexico 87499	2E
4. Location of Well	10. Field and Pool, or Wildcan
0 790 PERT FROM THE SOUTH LINE AND 1850 PERT FROM	Basin Dakota
WHIT LETTER 0 . 790 PEET PROM THE SOUTH LINE AND 1850 PEET PROM	mmmmmm
THE East LINE, SECTION 23 TOWNSHIP 28N RANGE 10W MAPM.	XIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII
15. Elevation (Show whether DF, RT, GR, etc.)	12. County
5745' GR	San Juan
3743 dit	12911 pagit 1/1/1/1/1/1/
Check Appropriate Box To Indicate Nature of Notice, Report or Oth	er Data
NOTICE OF INTENTION TO: SUBSEQUENT	REPORT OF:
PLUS AND ABANDON REMEDIAL WORK	
	ACTERING CASING
TEMPORARILY ABANDON COMMENCE DRILLING OPHS.	PLUG AND ABANDOHMENT
PULL OR ALTER CASING LAST AND CEMENT JOB	
other Spud, Drilled to	TD and Cased
erure	
7. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including	estimated date of starting any propos
work) SEE RULE 1 103.	
1 Cm., 4 10 1/08 balls on 2/15/04	
1. Spud 13-1/2" hole on 3/15/84.	
2. Drilled 13-1/2" hole to 330' RKB.	
3. Ran 7 joints 10-3/4", 40.5#, HE casing and set at 330' RKB.	
4. Cemented 10-3/4" w/230 cu.ft. Cl "B" w/2% CaCl ₂ . Cement was circul	ated. WOC.
5. Pressure tested to 800 PSI. Held ok. (30 minutes).	
6. Drilled 8-3/4" hole to 6000' RKB on 3/20/84.	
7. Logged hole.	
8. Ran 132 joints 7",23#, K-55 ST & C to 5993', with DV tool at 2957'	DVR
	e/sk tollowed by IIe
cu.ft. C1 "B" w/2% CaCl ₂ . Cemented 2nd stage w/1506 cu.ft. 65/35 P	02 W/12% ge and 12-1,
Gilsonite/sk, followed by 118 cu.ft. Cl "B" w/2%CaCl2. Lost circul	ation while cementing.
Found top of cement 1900' by temperature survey.	
10. Pressure tested 7"'casing to 3000PSI. Held ok. (15 minutes)	
11. Drilled 6-1/8" hole to 6566' RKB on 3/25/84.	
12. Logged hole.	
13. Ran 17 joints 4-1/2" 11.6# K-55 ST & C liner to 6565'. Top of line	r at 5787' PKB
14. Cemented 4-1/2" liner with 258 cu.ft. 50/50 POZ w/2% gel, 10# salt/	
14. Cemented 4-1/2 Timer with 256 Cu. 1t. 50/50 FOZ W/Z% get, 10# Sait/	sk, and 1/4# Flocele/
8. I hereby certify that the information above is true and complete to the best of my knowledge and belief.	
(1) D. And L. A.	
Rarled M. Aponher Petroleum Engineer	April 4, 1984
Charles W. Spinnberg	DATE
	APR 05 1984
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SIZE 4-1/2" SIZE 4-1/2" Ferforation Record (See Supplem For the Production 5/7/84 Cot Test 5/18/84 Tubing Press. 54 Tubing Press. 54 Tubing Press. 54 Tubing Attachments Item No. 28	40.50 23.00 11.60 TOP 5787 Interval, size ent Pro 11cum Tentes 3 Casing Frea 314 Nord, axed for be sold (Cement:	LINER R BO 656 and number Flowin Ch Saure Guel, vents	5993 5787- ECORD TTOM 5 r) ethod (Flooring oke Size /4" izeliated in the cord),	SACKS C Supple Supple Fred in Frest Pe CH = 1 O	PROD For eried Sel. 0. 31	SCREEN 32. DEPTH DCTION MR - Size a CH - Hbl. O Gds -	See S See S See S ACID, SHINTERV MCF 754	SIZE /8"E.L HOT, FRA Lee Sup	ment ment DE JE. AMO Plemer O BO	CEMEN NO	States hut-	PACK EEZE, ETC MATERIAL (Prod. or Sh In Greeny = AF	USED USED (Corr.)
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This is not be there with the approximate links to three of the Commission and later to much in the the completion of any newly-filled, or deep energy will. It is not be not a more by one compared to introduce the proximal transfer many least in on the well and a normally of all opening tests concerted, including this test tests. All to this report is saill be no more for the line and of the effective many difference vertical depths shall made to report in European tests to be filed in quantificate except on coate land, where his required. See Rule 1155.

ANDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

	Southeastern New Mexico	Northwestern New Mexico
T. Anhy	T. Canyon	T Ojo Alamo 790 T. Penn. "B"
T. Salt	T. Strawn	T. Kirtland-Fruitland 908 T. Penn. "C"
13. Salt	T. Atoka	T. Pictured Cliffs 1830 T. Penn. "D"
T. Yates	T. Miss	T. Cliff House 3380 T. Leadville
T. 7 Rivers	T. Devonian	T. MenefeeT. Madison
T. Queen	T. Silurian	T. Point Lookout <u>4100</u> T. Elbert
T. Grayburg	T. Montoya	T. Mancos T. McCracken
T. San Andres	T. Simpson	T. Gallup 5312 T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn6152' T. Granite
T. Paddock	T. Ellenburger	T. Dakota 6204 T.
T. Blinebry	T. Gr. Wash	Т. Morrison Т
T. Tubb	T. Granite	T. Todilto T
T. Drinkard	T. Delaware Sand	T. Entrada T
T. Abo	T. Bone Springs	T. Wingate T.
		T. Chinle T
		T. PermianT
T Cisco (Bough C)	Т	T. Penn "A"T
		R GAS SANDS OR ZONES
No. 1, from		toto
No. 2, from	1	No. 5, fromto
No. 3, from	· b	to
•	IMP	ORTANT WATER SANDS .
Include data on rate of v	vater inflow and elevation to which wa	ater rose in hole.
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No. 2, from		fest
No. 3, from	to	feet
No. 4, Irom	toto	leet
	FORMATION RECORD	(Attach additional sheets if necessary)
From To 1	kness Formation	From To Thickness Formation in Feet

from	To	Thickness in Feet	Formation	From	То	Thickness in Feet	Formation
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Union Texas Petroleum

P. O. Box 1290 Farmington, N.M. 87499 (505) 325-3587

Union Texas Petroleum Corporation McClanahan "A" No. 2-E 790 ft./S; 1850 ft./E line Sec. 23, T28N, R10W, San Juan County, New Mexico

JUN 1 1984

Supplement to Completion Report

Item No. 31 and No. 32 Perforation and Frac Record

Lower Dakota

Perforations: 6376, 78, 80, 82, 84 (total of 5 - 0.27" holes) Spotted 200 gallons of 15% HCl. Acidized with 800 gallons of 15% HCl.

Upper Dakota

Perforations: 6351, 49, 43, 39, 37, 35, 10, 07, 04, 01, 6298, 95, 92, 89, 86, 83, 80, 77, 74, 71, 58, 56, 21, 19, 16, 14, 11, 08, 6196, 94, 91. Total of 31 - 0.32" holes Broke down and acidized with 1500 gallons of 15% HCL. Frac'd with 122,500 gallons of 30 lb. gelled 2% KCl water and 169,900 lb. of 20-40 sand.

Item No. 28 Cementing Record

Cemented 10-3/4" casing with 230 cu. ft. of class "B" with 2% calcium chloride. Cement circulated to the surface. 7" casing: Stage collar set at 2957 ft. R.K.B. Cemented first stage with 728 cu. ft. of 50-50 Pozmix with 2% gel, 6 lb. of gilsonite per sack followed by 118 cu. ft. of class "B" with 2% calcium chloride. Cemented second stage with 1506 cu. ft. of 65-35 Pozmix with 12% gel and 12-1/4 lb. of gilsonite per sack followed by 118 cu. ft. of class "B" with 2% calcium chloride. Found top of cement at 1900 ft. R.K.B. by temperature survey. Pressure tested 7" casing to 3000 P.S.I. for 15 minutes. Held 0K. Cemented 4-1/2" liner with 258 cu. ft. of 50-50 Pozmix with 2% gel, 10 lb. of salt per sack, and 1/4 lb. of flocele per sack.

CERTIFICATION

I hereby certify that the McClanahan "A" No. 1 well, located 990 feet from the South line and 990 feet from the West line of Section 23, Township 28 North, Range 10 West, N.M.P.M., San Juan County, New Mexico, being the existing well on the proration unit, has not been and will not have its ability to produce into the pipeline restricted in any manner by Union Texas Petroleum Corporation

UNION TEXAS PETROLEUM CORPORATION

Rudy D. Motto

Area Operations Manager

IN WITNESS WHEREOF, I have set my hand and seal of office on

this 29¹⁷ day of May, 1984.

San Juan County, New Mexico

My Commission Expires:

dig. 25, 1984