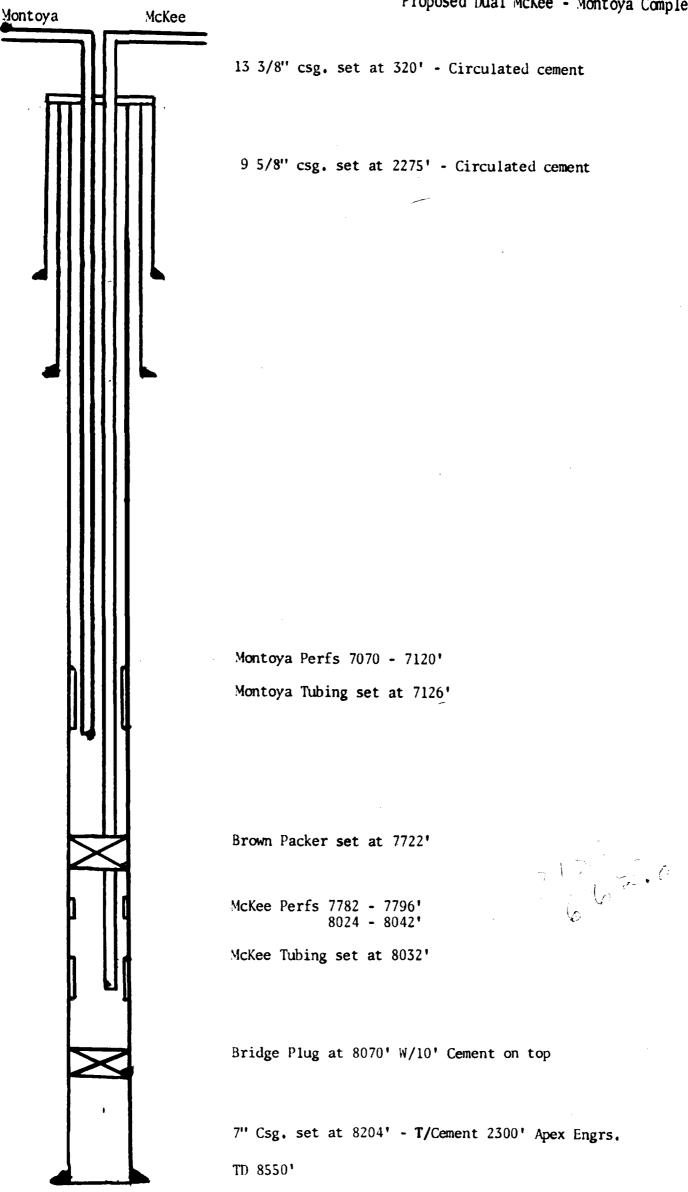
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J. C. Williamson Westates-Federal # 8 North Justis Pool - Lea County Proposed Dual McKee - Montoya Completion



e. 1537

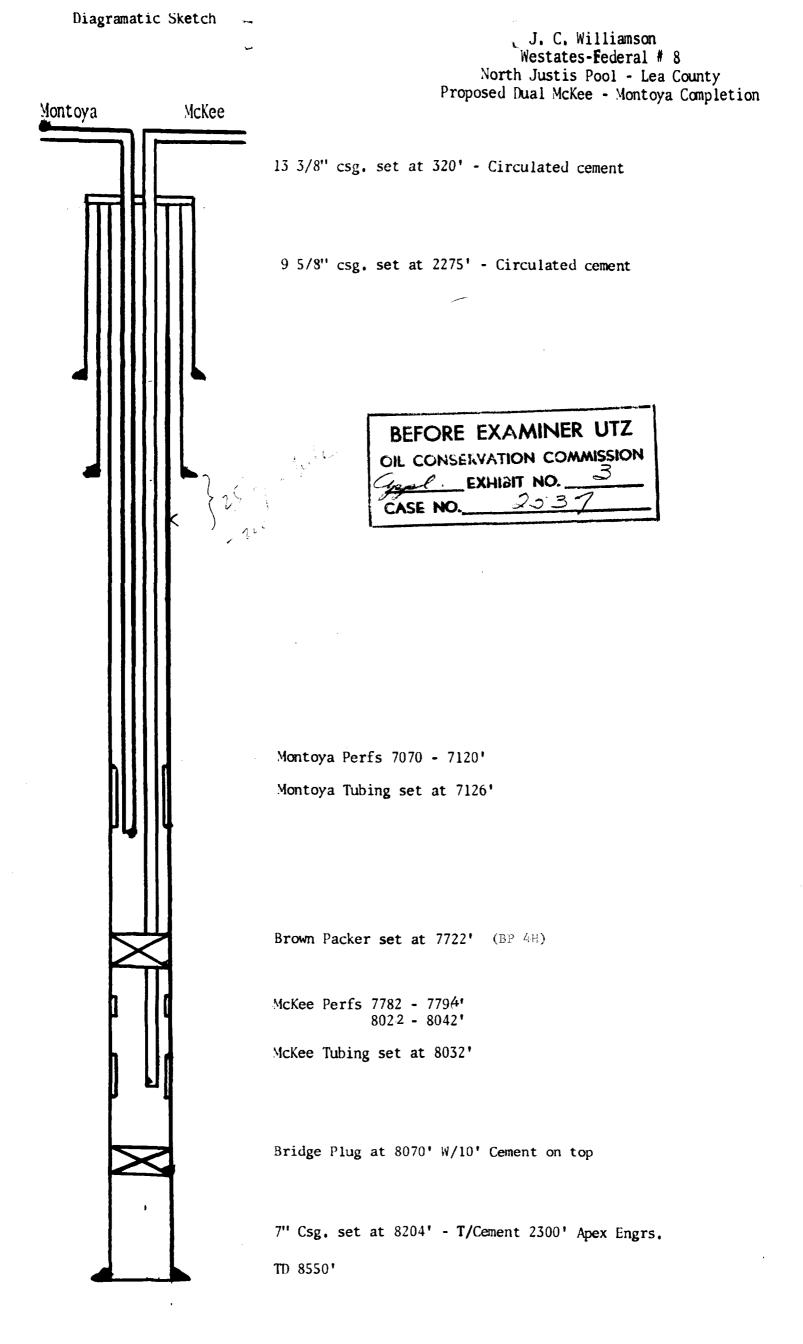
OIL CONSERVATION COMPSION 1932 AFR BOX A2045: 31

HOBBS, NEW MEXICO

DATE March 30, 1962 Re: Proposed NSP_____ OIL CONSERVATION COMMISSION BOX 371 SANTA FE, NEW MEXICO Proposed NSL_____ Proposed NFC Proposed DC X Gentlemen: I have examined the application dated 3/26/62 for the ____I. C. Williamson Westates Fed. #8-E 1-25-37 Lease and Well No. Operator S-T-R and my recommendations are as follows: 0.K.---J.W.R.

,

Yours very truly, OIL CONSERVATION COMMISSION 614-



	NEW MEXICO OIL CONSERVAT ON COMMISSION	(Para C-195)
	Fe. New Mexico	Invine 7/1/57
	REQUEST FOR (OIL) - (GAS) ALLOWARLE	
Tantineren at	ILLEGIBI F	New Wett
	ILLUGIDLE	Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any comjutted Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletios. The completion date shall be that date in the case of an oil well when now oil is delivered into the stock tanks. Gat must be reported on 15.025 prize at 60° Fahrenheit.

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WE ARE	HEREBY	REQUESTIN	NG AN ALLOWABLE F		NOWN AS:		(Date)
(C	J. C.	, Williams Speccer)	onWestates=Fed (Lea	eral, Well No #}	<u>8</u> ,	-	
E	, Se	K	., T25-S, R37-1	E, NM PM.,	North Just	is Montoya	Pool
Le le	.		Cousty. Date Spudded	1/14-62	Boto Butilla	r Cuplicituit	2/19/62
Pla	ene indicate	location:	Elevation 3139 DF	Tota	1 Depth85	50 PETD_	8204
DT	0 1 1		Top Oll/Gas Pay 705	Name	of Prod. Farm	Montoya	
			PRODUCING INTERVAL -				
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0			Open Hole	Casi	ng Shoe <u>8204</u>	Tubing	7126
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			Test After Acid or Fract				
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			GAS WELL TEST -			dallan " " allan	
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\$ 578		160-Units					
2 2/0	2775	100 Sx	Acid or Fracture Treatment	ALLCI	r sateristi soony		
7	8204	150 Units 220 Sx	Casing 350 Tubing Press. 250 Press.	110 Date firs	t new March	3. 1962	
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				A distance	BON 16, MIDL/	ND, TEXAS	

	NEW MEXICO OIL CONSERVATION COMMISSION	(Perm C-106)
	Fe. New Mexico	Revised 7/1/57
	REQUEST FOR (OIL) - (GAS) ALLOWARLE	·
Raugeranten St.		
		New Weti

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletio. The completion data shall be that date in the case of an oil well when now oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

•••		Williams	(Place) (Date) NG AN ALLOWABLE FOR A WELL KNOWN AS: SON NESLATES FIELDER WELL NO. 5, in St. 4, Nh. 1
		•	(Lease) , T25-S., R37-E., NMPM, North Justis (Montova) Pe
Triber diata and the	う - むりましょ #2 (1-14-14)-14(14)-14(1-1-14)	a kratika ka	Constr. Dete Specified _ 1/16/62
	e indicate		Top Oil/Gas Pay 7056 Name of Prod. Form. MORIE CV2
D	0 3		PRODUCING INTERVAL -
			$\frac{1}{1000}$
4	T G	H	Open Hole Depth Depth Depth Casing Shoe S20.1 Tubing 7120
°			OIL WELL TEST -
L	K J	I	Chok Natural Prod. Test:bbls.oil,bbls water inhrs,min. Size
			Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume o
T		P	Choke in used): 300 bbls.oil, 11 bbls water in 12 hrs, min. Size
·			GAS MELL TEST -
1620 FNL	6 330"FN	NL of Sec.	• Natural Prod- Test:MCF/Day; Hours flowedChoke Size
		unting hours	
Sier	Fm	541	Test After Acid or Fracture TreatmentsMCF/Dey; Hours flowed
13 3/8	320	220	Choke SizeNethod of Testings
331	2275	150 Units	Ac.3 or Freeture Treatment (Give andants of materials used; such as beid, asked, oil, and
u.a		- 100 SX	and 900 gals acid
		LSO Units	
7	8204	50 Units 220 Sx	Casing 350 Tubing 110 Date first new March 3, 1962
7			
	7126	220 Sx	Gasing 350 Tubing 110 Date first new oil run to tanks March 3, 1962 011 Transporter Texas-New Mexico Pice Line Company Gas Transporter El Faso Natural Gas Company
7	7126		Gasing 350 Tubing 110 Date first new oil run to tanks March 3, 1962 011 Transporter Texas-New Mexico Pice Line Company Gas Transporter El Faso Natural Gas Company
7	7126	220 Sx	Gasing 350 Tubing 110 Date first new oil run to tanks March 3, 1962 011 Transporter Texas-New Mexico Pice Line Company Gas Transporter El Faso Natural Gas Company
7 2" EUE Remerts:	7126 Noper 7	one of a	Casing 350 Tubing 110 Date first new oil run to tanks March 3, 1962 011 Transporter Texas-New Mexico Pipe Line Company Gas Transporter El Faso Natural Gas Company Dial
7 2" EUE Remerts:	7126 Noper 7	one of a	Gasting 350 Tubing Press. 110 Date first new oil run to tanks March 3, 1962 011 Transporter Tex as=New Mexico Pice Line Company Gas Transporter E1 Faso Natural Gas Company Dial mation given above is true and complete to the best of my knowledge.
7 2" EUE Remerts:	7126 Noper 7	one of a	Casing 350 Tubing 110 Date first new March 3, 1962 oil run to tanks March 3, 1962 Oil Transporter Texas-New Mexico Pipe Line Company Gas Transporter El Faso Natural Gas Company Dial
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OPERATES.			

EW MEXICO OIL CONSERVAT ON COMMISSION

(Perm C-101) Revised 7/1/57

EQUEST FOR (OIL) - (GAS) ALLOWARLE

New Well Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during ralendar month of completion or recompletios. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

WZ ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS: J. C. Williamson (Company or Openeur) E Free indicate location: D C D Company or Openeur) Company or Openeur) Les Company or Openeur) Les Common Less Les Common Less	Well No. 8 , in SH 14 Ni 14, MPM., North Justis (Montoya) Pool /A2
Compary or Operator) (Lesse) Bit Commit: Date Specified 1/10/42 North Austas (Montoya) Prace indicate location: Commit: Date Specified 1/10/42 North Austas (Montoya) Prace indicate location: Commit: Date Specified 1/10/42 North Austas (Montoya) Prace indicate location: Commit: Date Specified 1/10/42 North Austas (Montoya) Prace indicate location: Commit: Date Specified 1/10/42 North Austas (Montoya) Prover indicate location: Commit: Date Specified 1/10/42 North Austas (Montoya) Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate location: Prover indicate loca	MPM., North Austis (Montova) Pool /A2
E	/A2
LCB County. Date Spudded. 1/kh/A2 Into pulling fundates. 2/1 Please indicate location: Elevation 3130 *** Total Depth 8550 PBTD 820 D C D A Performance Name of Prod. Form. Montorya D C D A Performance Point Cova E P G H Performance Performance Performance C D F G H Performance Performance Performance 0 F G H Performance Performance Performance Performance 0 F G H Performance Performance Performance Performance Performance 0 I T T Performance Performanc	Total Depth <u>8550</u> PBTD <u>8204</u> <u>Mame of Prod. Form. MORILOVA</u> <u>120</u> <u>Depth</u> <u>Depth</u> <u>7126</u> <u>Choke</u> <u>uoil,bbls water inhrs,min. Size_</u> <u>ment (after recovery of volume of oil equal to volume of Choke</u> <u>120</u> <u>MCF/Day: Hours flowedChoke Size_</u> <u>ment:MCF/Day: Hours flowed</u>
Piezze indicate location: Elevation _ 313979F	Total Depth <u>8550</u> PBTD <u>8204</u> <u>Name of Prod. Form. MORILOVA</u> <u>120</u> <u>Depth</u> <u>Depth</u> <u>71/c</u> <u>Choke</u> <u>uoil,bbls water inhrs,min. Size</u> <u>ment (after recovery of volume of oil equal to volume of Choke</u> <u>120</u> <u>MCF/Day: Hours flowed</u> <u>Choke Size</u> <u>mentsMCF/Day: Hours flowed</u>
D C B A D C B A PRODUCING INTERVAL - Perforations 70:70 - 5120 E P G H Depth Depth Depth Depth Depth Depth Open Hole Casing Shoe 8:01 Depth	Name of Prod. Form. Montova 120 Depth Depth Dasing Shoe 8201 Tubing 712c Choke min. Size_ Choke Size_
Image: Construct State Image: Constate Image: Construct State Image: C	Depth Casing Shoe 8204 Tubing 7126 Choke Loil,bbls water inhrs,min. Size ment (after recovery of volume of oil equal to volume of Choke ,bbls water in 24 hrs,min. Size_127 MCF/Day: Hours flowedChoke Size ressure, etc.):MCF/Day; Hours flowed iting:
G H Open Hole Depth Casing Shoe Bail 1 Depth Tubing Tubing Tit Tubing Tit Tit Depth Tubing Depth Tubing Tubing Tit Tit Depth Tubing Tubing Tit Depth Tubing Depth Tubing Dept	Depth Casing Shoe 8204 Tubing 7126 Choke Loil,bbls water inhrs,min. Size ment (after recovery of volume of oil equal to volume of Choke ,bbls water in 24_hrs,min. Size_187 MCF/Day; Hours flowedChoke Size ressure, etc.); ment:MCF/Day; Hours flowed
OIL WELL TEST - Natural Prod. Test: bbls.oil, bbls water inhrs, Test After Acid or Fracture Treatment (after recovery of volume of oil equal to load oil used): 360 bbls.oil,bbls water in 24 hrs,min. GAS WELL TEST - OPFNL & 330'FWL of Sec. Natural Prod. Test: MCF/Day: Hours flowed min. GAS WELL TEST - OPFNL & 330'FWL of Sec. Natural Prod. Test: MCF/Day: Hours flowed	Choke Loil,bbls water inhrs,min. Size_ ment (after recovery of volume of oil equal to volume of Choke ,bbls water in 24hrs,min. Size_12/ MCF/Day; Hours flowedChoke Size ressure, etc.); ment:NCF/Day; Hours flowed sting;
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Ioad oil used): 500 bbls.oil, 1) bbls water in 24 hrs,min. GAS #ELL TEST - OPFNL & 330'FWL of Sec. Natural Prod. Test: MCF/Day; Hours flowedCheke Size (Notrader) Mag formater Natural Prod. Test: Natural Prod. Test: MCF/Day; Hours flowedCheke Size (Notrader) Natural Prod. Test: Mag formater Natural Prod. Test: Natural Prod. Test: MCF/Day; Hours flowedCheke Size Nathod of Testing (pitot, back pressure, etc.):	MCF/Day: Hours flowedCheke Size ressure, etc.):MCF/Day; Hours flowed ment:MCF/Day; Hours flowed
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Ges Transporter El Paso Natural Gas Conbany	
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NEW MEXICO OIL CONSERVATION COMM SSION Santa Fe, New Mexico

(Perm C-166) RevLand, 7/1/57

REQUEST.FOR (OHL) - (GAS) ALLOWABLE

New Web

This form shill be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. The form C-101 was sant. The allowthe same District Office to which Form C-101 was sant. The allowthe same district Office to which Form C-101 was sant. The allowthe same district Office to which Form C-101 was sant. The allowthe same district Office to which Form C-101 was sant. The allowthe same district Office to which Form C-101 was sant. The allowthe same district Office to which Form C-101 was sant. The allowthe same district of completion, provided this form is filed during calendar same district of completions or recompletion. The completion date shall be that date in the case of an all well when now off is delivand into the marks canks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

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ny ang Ala			Well No.			*
	Sec.	T-81-6				
	: - Ses	Causey Data Smith		nin Butlline A	8/1	10/02
narialita anticona constante Reference	dicate location:	flevetion	Total Dep		Pero	
	internet interne	Top OLL/Gas Pay TR	Name of Pa	rod. Fork	وكم م	and
D O		PRODUCTING DIFFERVAL -			•	
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•		OIL WELL TEST -				
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	lJ	GAS MILL TEST -		. ¹ · ≞a		
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iding finding	ant Constitut Inco	Hethod of Testing (pito	t, beck pressure, etc.)		<u> </u>	
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		Acid or Practure Treats	ent (Give amounts of meta	risls used, su	ch as acid, water	, eii, and
	and the board	sand): 30.000 geb	te Anni - CLL Pan			
y		Casing Tulthy Press- Press	oil run to tank	there &		
		Oll Transporter	soften thesion Plac	Line Ch.		
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		des irestor un			EEXAMI	
		IFGIR		OIL CONS	ERVATION C	OMMISSION
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ONC	CHERVATION	MOIBLIMACO	by: Aler D	al farme		
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4/4	14 - J-		- The Lord Co		manding well w	D:
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NEW MEXICO OIL CONSERVATION COMM SSION Santa Fe, New Mexico

(Perm C-104) Revised 7/1/57

REQUEST FOR (OHL) - (GAS) ALLOWABLE

New Well Recompletion

The interded is estimated by the operator before an initial allowable will be assigned to any completed Oil or Gas well. The interded is bi-depleted in QUADRUPLICATE to the same District Office to which Form C-101 was sust. The allowthe interded effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar of completion or recompletion. The completion date shall be that date in the case of an ail well when now oil is delivinter the same in the case of an ail well when now oil is deliv-

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물리 문화 같다.	L C HULLA	NG AN ALLOWABLE FOR A WELL KNOWN AS:	(Dete) :
Compo	er er Opunser)	T -25-6 R Justin NMPM., NMPM.	
		County, Data Sauddad 1/16/08 Pata Betlitan de	
Monoe in	nilegte location:	Elevation Total Depth COOP Top Oil/Gas Pay 7700 Name of Prod. Form. Ma	PETD CANEN
DG	3 4	PRODUCING INTERVAL -	- in finst
3 7	O I	Perforations (7782 - 7796*) (8822 - 8042*) Open Hole Depth Casing Shoe 8364	W/E shots per 2t.
		Open HoleCasing ShoeCasing ShoeCa	Tubing
5 5	JI	Natural Prod. Testsbbls.sil,bbls water in	Choke hrs, min-Size
TT	0 9	Test After Acid or Fracture Treatment (after recovery of volume load oil used):bbls.sil,bbls water in	of oil equal to volume of
	·	GAS WELL TEST -	
		Netural Prod. TestsNCP/Day; Hours flowed	
Sier	and Convolting Room Feet Sax	Nethod of Testing (pitot, back pressure, etc.):	
5 5/6	310 220	Test After Acid or Fracture Treatment:NCF/1 Choke SizeNethod of Testings	wy: Hours flowed
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		Press oil run to tanks	
		Oil Transporter Contraction The Contraction	
Marto:			
			#F54###################################
I hereby ca	rify that the info	mation given above is true and complete to the best of my hanned	ledge.
proved	1	La Ca TILL 200	
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NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON Governor Jennifer A. Salisbury Cabinet Secretary Lori Wrotenbery Director Oil Conservation Division

ADMINISTRATIVE ORDER NO. WFX-763

APPLICATION OF THE W.A. & E.R. HUDSON. INC. TO EXPAND ITS WATERFLOOD PROJECT IN THE MALJAMAR GRAYBURG-SAN ANDRES POOL IN EDDY COUNTY, NEW MEXICO

ADMINISTRATIVE ORDER OF THE OIL CONSERVATION DIVISION

Under the provisions of Division Orders No. R-2239, W.A. & E.R. Hudson, Inc. has made application to the Division on July 13, 2000 for permission to expand its Puckett Waterflood Project in the Maljamar Grayburg-San Andres Pool in Eddy County, New Mexico.

THE DIVISION DIRECTOR FINDS THAT:

(1) The application has been filed in due form.

(2) Satisfactory information has been provided that all offset operators have been duly notified of the application.

(3) No objection has been received within the waiting period as prescribed by Rule 701(B).

(4) The proposed injection wells are eligible for conversion to injection under the terms of Rule 701.

(5) The proposed expansion of the above referenced Waterflood Project will not cause waste nor impair correlative rights.

(7) The application should be approved.

Administrative Order WFX-763 W.A. & E.R. Hudson, Inc. July 28, 2000 Page 2

IT IS THEREFORE ORDERED THAT:

The applicant, W.A. & E.R. Hudson, Inc. be and the same is hereby authorized to inject water into the Grayburg and San Andres formations at approximately 3,320 feet to approximately 3,974 feet through 2 3/8-inch plastic lined tubing set in a packer located within 100 feet of the uppermost injection perforations in the following described well for purposes of secondary recovery to wit:

Puckett-Federal Well No. A-10

API No. 30-015-05386 1980 FNL & 660 FWL, Unit 'E', Section 24 Injection Interval: 3,346 feet to 3,418 feet (Perforated) 3,475 feet to 3,974 feet (Openhole) Maximum Injection Pressure: (.2 psi/ft) 669 psig

Puckett-Federal Well No. A-13

API No. 30-015-05376 660 FNL & 660 FWL, Unit 'D', Section 24 Injection Interval: 3,320 feet to 3,325 feet (Perforated) 3,380 feet to 3,930 feet (Openhole) Maximum Injection Pressure: (.2 psi/ft) 664 psig

Puckett-Federal Well No. A-14

API No. 30-015-05135 660 FSL & 660 FWL, Unit 'M', Section 13 Injection Interval: 3,394 feet to 3,929 feet (Openhole) Maximum Injection Pressure: (.2 psi/ft) 679 psig

Puckett-Federal Well No. B-15

API No. 30-015-05405 1980 FNL & 660 FWL, Unit 'E', Section 25 Injection Interval: 3,424 feet to 3,798 feet Maximum Injection Pressure: (.2 psi/ft) 685 psig

Located Township 17 South, Range 31 East, Eddy County, New Mexico.

IT IS FURTHER ORDERED THAT:

The operator shall take all steps necessary to ensure that the injected water enters only the proposed injection interval and is not permitted to escape to other formations or onto the surface.

Prior to commencing injection operations into the well, the casing shall be pressure tested from the surface to the packer setting depth to assure the integrity of said casing.

The casing-tubing annulus shall be loaded with an inert fluid and equipped with a pressure gauge at the surface or left open to the atmosphere to facilitate detection of leakage in the casing, tubing or packer.

The injection well or system shall be equipped with a pressure limiting device which will limit the wellhead pressure on the injection well to .2 psi per foot of depth to the uppermost injection perforation.

The Director of the Division may authorize an increase in injection pressure upon a proper showing by the operator of said well that such higher pressure will not result in migration of the injected fluid from the Grayburg and San Andres formations. Such proper showing shall consist of a valid step-rate test run in accordance with and acceptable to this office.

The operator shall notify the supervisor of the Artesia district office of the Division of the date and time of the installation of injection equipment and of the mechanical integrity tests so that the same may be inspected and witnessed.

The operator shall immediately notify the supervisor of the Artesia district office of the Division of the failure of the tubing, casing or packer in said well and shall take such steps as may be timely and necessary to correct such failure or leakage.

The subject well shall be governed by all provisions of Division Orders No. R-2239 and Rules 702-706 of the Division Rules and Regulations not inconsistent herewith.

<u>PROVIDED FURTHER THAT</u>, jurisdiction is retained by the Division for the entry of such further orders as may be necessary for the prevention of waste and/or protection of correlative rights or upon failure of the operator to conduct operations (1) to protect fresh water or (2) consistent with the requirements in this order, whereupon the Division may, after notice and hearing, terminate the injection authority granted herein.

The injection authority granted herein shall terminate one year after the effective date of this order if the operator has not commenced injection operations into the subject well, provided however, the Division, upon written request by the operator, may grant an extension thereof for good cause shown.

Administrative Order WFX-763 W.A. & E.R. Hudson, Inc. July 28, 2000 Page 4

DONE at Santa Fe, New Mexico, on this 28th day of July, 2000.

STATE OF NEW MEXICO OIL CONSERVATION DIVISION

Westerberry by De Loul

LORI WROTENBERY Director

SEAL

LW/MWA/kv

cc: Oil Conservation Division - Artesia Case File No. 2536 (Order No. R-2239)

NEW MEXICO OIL CONSERVATION COMMISSION Santa Fe, New Minice

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