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Page: 1 Document Name: untitled

CMD : ONGARD INQUIRE WELL COMPLETIONS

03/17/04 16:31:58 OGOMES -TQBS

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API Well No : Pool Idn 30 25 36333 86800 VACUUM; ATOKA-MORROW, NORTH (GAS) Eff Date : 08-25-2003 WC Status :

OGRID Idn : 151416 FASKEN OIL & RANCH LTD

Prop Idn : 32562 BUCKEYE 1 STATE

Well No : 001

GL Elevation: 4040

U/L Sec Township Range North/South East/West Prop/Act (P/A)

Relia California

Lot Identifier:
Dedicated Acre: 320.93

B.H. Locn

17S

34E

FTG 820 F N FTG 1310 F W

Lease Type : S
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

PF01 HELP PF02 PF03 EXIT

PF07

PF08

PF03 EXIT PF04 GOTO PF05 PF06
PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

Date: 3/17/2004 Time: 04:33:22 PM

District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

A PDI .I	CATIO	N FOR I	PERMIT T	O DRI	T.I. RE_	ENTER	2. DEF	CPEN.	, PLUGBAC	'K. (A ZONE
		10	Operator Name and		ـ تعدد وتعدد	MIA F F7	19 1 /21-2	38 27: 17	, 11000		GRID Numbe	
		Ranch, Ltd. e., Suite 1800	1							3 AP	151416 I Number	
Midlan	nd, TX 797	701-5116			·						30-02:	5-36333 No.
3 Property	y Code 562				5 Property						6 Well 1	No.
عرار ا) 6 A	<u></u>			Buckeye ** Surface		·				<u> </u>	
				i	1		l			Τ_		Γ _
UL or lot no.	Section	Township	Range	Lot Id	_	t from the		outh line	Feet from the	Eas	st/West line	County
4/6)	1	17S	34E	<u> </u>		820	No No		1310		West	Lea
· —	г	<u>ا "</u>	Proposed Bo	ottom H	lole Loca	tion If I	Differe	nt From	m Surface			T
UL or lot no.	Section	Township	Range	Lot id	in Feet	t from the	North/Se	outh line	Feet from the	Eas	st/West line	County
		° Pr	roposed Pool 1	İ 					10 Prop	osed Po	ool 2	
		North Vacu	uum Atoka Me	orrow								
11 Work T	ype Code	$\overline{}$	12 Well Type Code		¹³ Cr	able/Rotary		14	Lease Type Code			nd Level Elevation 4040'
¹⁶ Mu			17 Proposed Depth	1	18]	Formation		 	19 Contractor			Spud Date
<u>N</u>	lo		12800'			lorrow		l	Not available		8	3/10/03
			²¹ Pr	roposed	d Casing a	and Cen	nent Pr	rogram	<u>t</u>			
Hole Siz	ze	Casir	ng Size		weight/foot		Setting De		Sacks of C	Cement		Estimated TOC
17 1/2			3/8"		48#	_	500' 550		550	sx	\bot	Surface
12 1/4			5/8"		6/40#		5000' 1200 :			SX		Surface
8 3/4"		4	1/2"	11.6	6/13.5#	<u> </u>	12800	0,	2100	SX		4500'
		<u></u>										
Describe the bl	proposed lowout prevattached	program. If the vention program I for process	nis application is to am, if any. Use ac dure, casing	to DEEPEI dditional si program	N or PLUG B heets if necess m and BO	ACK, give sary. P schem	the data	on the pre	esent productive 2020	gale ámi	138	ew productive zone.
					Pern D	nit Exp ate Ur	ires 1 nless l	Year Drillin	From Appr g Underwa	oval	3	(A)
1			iven above is true	and comp	plete to the		(OIL C	ONSERVAT	ΓΙΟΝ	DIVISIO	ON
best of my know	wledge and	<i>\(\frac{1}{2} \)</i>	2			Appro	ved by:				<u>a_</u>	
Signature: Printed name:	Jimmy D.	Carlile	(V) (M)	uu		Title:		PFTP	OLEUM EN	MEE	Mary .	5
		y Affairs Coor	rdiantor				val Date:				tion Date:	
Date:	7/15/03	, , , , , , , , , , , , , , , , , , , ,	Phone: (915)	1687-17	77					Expire	IOII Daio.	
Duit .	77 107 03		1 110110: (515)	, 00. 1.	• •	Attach		provat:	7 2003			

DISTRICT I 1625 N. French Br., Hobbs, NM 68240 DISTRICT II 811 South First, Artesia, NM 68210 State of New Mexico

Form C-102 Revised March 17, 1999

Energy, Minerals and Natural Resources Department

Submit to Appropriate District Office State Lease - 4 Copies

WEST

LEA

Fee Lease - 3 Copies

DISTRICT III 1000 Rio Brazos Rd., Aztec, NM 87410

2040 South Pacheco, Santa Fe, NM 87505

17 S

DISTRICT IV

OIL CONSERVATION DIVISION

2040 South Pacheco

Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name						
30-025-3633	3 3 3 86800 North Vacuum Atoka Morrow							
Property Code	Property Name							
32562	BUCKEYE "1" STATE Operator Name							
OGRID No.								
151416 FASKEN OIL & RANCH, LTD.								
	Surfac	e Location						

Bottom Hole Location If Different From Surface

NORTH

1310

820

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint o	r Infill Co	nsolidation (Code Or	der No.				
320									

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

OPERATOR CERTIFICATION hareby certify the the information contained herein is true and complete to the best of my knowledge and belief. LOT 4 - 40.54 AC. LOT 3 - 40.39 AC. LOT 2 - 40.23 AC. LOT 1 - 40.08 AC. LAT - N32°52′09.2° LONG - W103°31'06.7 LAT - N32°52′09.2° LONG - W103°31'06.7 LAT - N32°52′09.2° LOT 4 - 40.54 AC. LOT 3 - 40.25 AC. LOT 1 - 40.08 AC. Signature Regulatory Affairs Coor. Title July 15, 2003 Date Surveyor Certification I hereby certify that the well location shown on this plat was plotted from field nales of actual surveys made by me or under my supervison, and that the ame is true and correct to the best of my belief. NOVEMBER 20, 2002 Date Surveyor Signature Sea. Signature Sea. NOVEMBER 20, 2002 Signature Sea. Signature Sea. NOVEMBER 20, 2002 Signature Sea. Signature Sea. NOVEMBER 20, 2002 Signature Sea. Sig
Professional Signeyor A 7977 No. 28724

Recommended Procedure

- 1. Drilling contractor to set 30" conductor if necessary. MIRU rotary tools.
- 2. Drill 17-1/2" hole to 500' with spud mud. Set and cement 13-3/8" casing with 550 sx Class "C" with 2% CaCl₂ (s.w. 14.8 ppg, yield 1.32 ft³/sx). WOC 18 hrs.
- Drill 12-1/4" hole to 5000' with 10 ppg brine water. Control seepage with paper.
- 4. Set and cement 9-5/8" casing at 5000' with estimated 1000 sx Halliburton Interfill "C" with 8# salt and 1/4# Flocele (s.w. 11.9 ppg, yield 2.46 ft³/sx) plus 200 sx Class "C" neat (s.w. 14.8 ppg, 1.32 ft³/sx). Run temperature survey and locate TOC if cement is not circulated.
- 5. Install 11" x 5000 psi intermediate spool. NU 11" 5000 psi B.O.P.'s, hydril and choke manifold. WOC 12 hours. Set up DST test line complete with test tank. RU mud gas separator with flare ignitor. Install H₂S monitor equipment, escape packs and briefing stations.
- 6. Hydrostatically test 200' of 9-5/8" casing to 2800 psig, casing spool, BOP's, and choke manifold to 3000 psig, and hydril to 1500 psig. Install PVT equipment
- 8. Drill 8-3/4" hole to total depth of 12,800'. Drill out using fresh water to a depth of 9600'. Convert to 9.5 ppg cut brine water at 9600' just above the Wolfcamp shales. Mud up as dictated by hole conditions or by 11,500' with starch and PAC mud system. Increase viscosity with salt gel or polymer as needed to clean hole. Maintain 9.5-10.0 ppg and 10 cc water loss to total depth. NOTE: Be prepared to raise mud weight to 12 ppg in the Atoka-Morrow interval if necessary.
- 9. DST all shows.
- Log well with DLL-MSFL and CNL-LDT using Schlumberger Platform Express.
- 11. Run and cement 4-1/2" production casing (resin coated and centralized through pay zones) with DV tool at base of Abo (estimate 9600') as follows;

First Stage: Note, batch mix lead slurry. 10 bfw + 500 gallons Mud Clean + 10 bfw and estimated 1000 sx Halliburton Super "H" with 1# salt, 0.4% CFR-3, 0.5% Halad-344, 0.1% HR-7 and 5# Gilsonite (s.w. 13.0 ppg, yield 1.67 ft³/sx). Open DV tool and circulate 6 hours.

Second stage: 1000 sx Halliburton Lite "C" with 6% gel (s.w. 12.6 ppg, yield 2.01 ft³/sx) plus 100 sx Class "H" neat (s.w. 15.6 ppg, yield 1.18 ft³/sx). Calculate second stage cement volume for TOC at 4500'.

- 12. Set slips, nipple down BOP's and run temperature survey to locate cement top.
- 13. Install 11"-5000 psi x 7-1/16"-5000 psi tubinghead and flow tree.
- 14. Rig down and move out rotary tools.
- 15. Level location, set mast anchors, move in and rig up completion unit.

Buckeye "1" State No. 1 Recommended Procedure Page 2

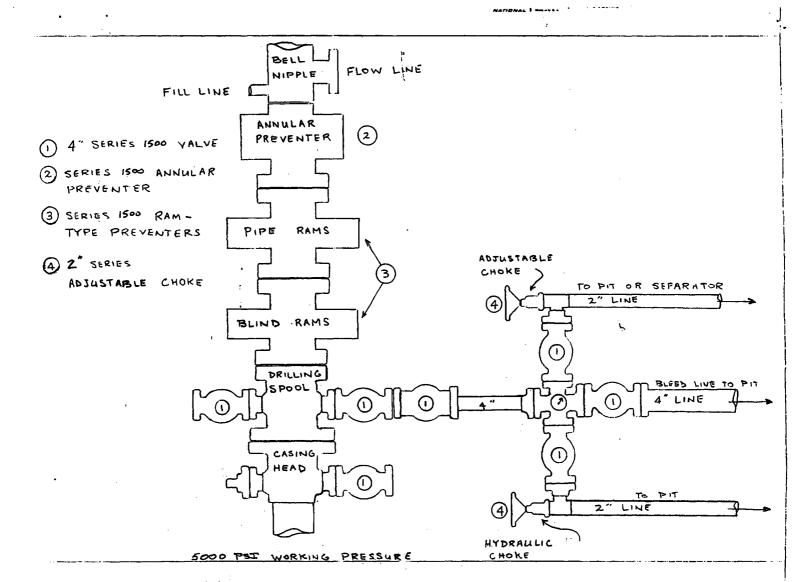
- 16. RIW with 3-3/4" bit, 4-1/2" casing scraper, 6 3-½" drill collars and 2-3/8" 4.7# N-80 EUE 8rd tubing. Drill out DV tool and reciprocate scraper through DV tool several times. Pressure test casing to 1500 psig. RIW and clean out to float collar. Circulate well clean and pressure test casing to 1500 psig. POW and LD tools.
- 17. RIW with packer, T.O.S.S.D. with "F" profile nipple and 2-3/8" tubing. Set packer, install flow tree, swab down tubing and perforate pay interval.
- 18. Flow test well, evaluate, and stimulate if necessary.
- 19. RDPU. Clean and level location.
- 20. Run C.A.O.F.P. and pressure build up.
- 21. Connect surface equipment.

TET (Buckeye1State1drlgprc)

Recommended Casing Program A.F.E. No. 628

Fasken Oil and Ranch, Ltd.——Buckeye "1" State No. 1——North Vacuum Atoka-Morrow Field Lea County, NM

String	Footage	Size	Weight	Grade	Thread
Surface	500'	13-3/8"	48.00#	H-40	ST&C
Intermediate	2700' 1500' <u>800'</u> 5000'	9-5/8" 9-5/8" 9-5/8"	36.00# 40.00# 40.00#	K-55 K-55 HCK-55	ST&C ST&C ST&C
Production	2,500' 8,400' <u>1,900'</u> 12,800'	4-1/2" 4-1/2" 4-1/2"	11.60# 11.60# 13.50#	N-80 N-80 N-80	BT&C LT&C LT&C
Tubing	12,700'	2-3/8"	4.70#	N-80	EUE 8rd



Comparison Com	Submit 3 Copies To Appropriate District Office	State of New Me			Form C-103
2049 South Pacheco 30-015-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333 31-056-36333	District I				March 25, 1999
Sil South Fist, Antes, NM 87210 Santa Fe, NM 87505 Santa Fe, NM 87				i e	3
STATE LY FEE					<u> </u>
State Oil & Gas Lease No.		Santa Fe, NM 8'	7505		
2009 Seuth Redects, Stante, P. NM 87505 SUNDRY NOTICES AND REPORTS ON WELLS (IO NOT USE THIS FORM TOO PREMAIN (FORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: Oil Well				6. State Oil & Gas Lease N	No.
CO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (PORM C-101) FOR SUCH PROPOSALS) 1. Type of Well: Oil Well	2040 South Pacheco, Santa Fe, NM 87505				
Section 1 10 10 10 10 10 10 10	(DO NOT USE THIS FORM FOR PROPOSA DIFFERENT RESERVOIR. USE "APPLICA" PROPOSALS.) 1. Type of Well:	ALS TO DRILL OR TO DEEPEN OR PL ATION FOR PERMIT" (FORM C-101) FO	UG BACK TO A	_	ement Name:
Fasken Oil and Ranch, Ltd. 3. Address of Operator 303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116 9. Pool name or Wildcat North Vacuum Atoka Morrow North Vacuum Atoka		X Other		9 Wall No	
3. Address of Operator 30.3 W. Wall Ave., Suite 1800, Midland, TX 79701-5116 9. Pool name or Wildcat North Vacuum Atoka Morrow 1. Well Location Unit Letter D: 820 feet from the North line and 1310 feet from the West line Section 1 Township 17S Range 34E NMPM County Lea 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON COMMENCE DRILLING OPNS. ABANDONMENT PULL OR ALTER CASING MULTIPLE COMPLETION CEMENT JOB OTHER: Spud, set surface casing TOTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompliation. MIRU, spud well on August 25, 2003 drilling a 17 1/3" hole. Reached surface casing TD point of 498". Set 13 3/8", 48#, H-40, STC casing at 496". Cemented to surface 550 sx Class C with 296 CaCl2 (s.w. 4.8 ppg, yield 1.34 cu ft/sx). Circulated 64 sx cement. WOC 34 ½ hours. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Regulatory Affairs Coordinator DATE 8/28/03 Type of print name Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 8/28/03 Type of print name Jimmy D. Carlile PATE STD 0.0 2 2005 APPPROVED BY August PAGE STD 0.0 2 2005 APPPROVED BY August PAGE STD 0.0 2 2005	· -	Oil and Panch Ltd		8. Well No.	
4. Well Location Unit Letter D: 820 feet from the North line and 1310 feet from the West line Section 1 Township 17S Range 34E NMPM County Lea 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT PULL OR ALTER CASING MULTIPLE COMPLETION CEMENT JOB OTHER: Spud, set surface casing MULTIPLE CEMENT JOB OTHER: 12. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompilation. MIRU, spud well on August 25, 2003 drilling a 17 ½" hole. Reached surface casing TD point of 498". Set 13 3/8", 48#, H-40, STC casing at 496". Cemented to surface 550 sx Class C with 2% CaCl2 (s.w. 4.8 ppg, yield 1.34 cu ft/sx). Circulated 64 sx cement. WOC 34 ½ hours. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE		Oli and Kanch, Ltd.		Q Pool name or Wildcat	
Unit Letter D : \$20 feet from the North line and 1310 feet from the West line Section 1	•	cuite 1800 Midland TX 7	9701-5116		/lorrow
Unit Letter_D		rate 1000, Midiana, 170 7	07010110		
Section 1 Township 17S Range 34E NMPM County Lea 10. Elevation (Show whether DR, RKB, RT, GR, etc.) 11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK PLUG AND ABANDON REMEDIAL WORK ALTERING CASING TEMPORARILY ABANDON CHANGE PLANS COMMENCE DRILLING OPNS. PLUG AND ABANDONMENT CASING TEST AND CEMENT JOB OTHER: Spud, set surface casing TOTHER: OTHER OF Starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompliation. MIRU, spud well on August 25, 2003 drilling a 17 ½" hole. Reached surface casing TD point of 498'. Set 13 3/8", 48#, H-40, STC casing at 496'. Cemented to surface 550 sx Class C with 2% CaCl2 (s.w. 4.8 ppg, yield 1.34 cu f/sx). Circulated 64 sx cement. WOC 34 ½ hours. I hereby certify that the information above is true and complete to the best of my knowledge and belief. SIGNATURE TITLE Regulatory Affairs Coordinator DATE 8/28/03 Type or print name Jimmy D. Carille This space for State use) APPPROVED BY Tare	4. Won Bookion				
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	APPPROVED BY Conditions of approval, if any:	W. WASSETTILE		DATE_	050

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ubmit 3 Copies To Appropriate District	State of New	Mexico	Form C-103
Office	Energy, Minerals and		Revised March 25, 1999
Pistrict I			WELL API NO. 025
625 N. French Dr., Hobbs, NM 87240 District II	OIL CONSERVAT		30 -015 -36333
11 South First, Artesia, NM 87210	2040 South		5. Indicate Type of Lease
District III	Santa Fe, Ni	√1 87505	STATE X FEE
000 Rio Brazos Rd., Aztec, NM 87410 District IV			6. State Oil & Gas Lease No.
040 South Pacheco, Santa Fe, NM 87505			
	CES AND REPORTS ON WI		7. Lease Name or Unit Agreement Name:
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DO NOT USE THIS FORM FOR PROPOS. DIFFERENT RESERVOIR. USE "APPLIC. PROPOSALS.) . Type of Well:	ATION FOR PERMIT (FORM C-I	1314151672	Buckeye "1" State
. Type of Well:	<u></u>	2131415161778	
Oil Well Gas Well	X Other	A 22/	
Name of Operator	/თ	SEP 2003 2	8. Well No.
Fasker	n Oil and Ranch, 🛱d.	DESCRIPTO PI	1
Address of Operator	100	RECEIVED &	9. Pool name or Wildcat
303 W. Wall Ave., S	Suite 1800, Midland T	& ^C 7976158116 &/	North Vacuum Atoka Morrow
. Well Location	/c.	160/	
		150000001290	
Unit Letter D:	820 feet from the	North E 67 8 line and	1310 feet from the West line
Section 1	Township 17S	Range 34E	NMPM County Lea
	10. Elevation (Show wheth		
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11. Check A	ppropriate Box to Indica	te Nature of Notice.	Report or Other Data
NOTICE OF IN			SEQUENT REPORT OF:
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DTHER: Set intermediate casing 12. Describe proposed or complete of starting any proposed work) or recompilation. Drilled a 12 ¼" hole to 4995'. Set 9 with 8# salt and ½# Flocele (s.w. 11 of cement at 450' by temperature sufficiently that the information SIGNATURE	ed operations. (Clearly state at SEE RULE 1103. For Multiple 5/8", 36/40#, HCK-55, LTC 1.9 ppg, yield 2.46 cubic feet/arvey. Wait on cement 26 hours above is true and complete to Carlile	CEMENT JOB OTHER: All pertinent details, and giple Completions: Attack casing at 4991'. Cement sx) and 200 sx Class C North. The best of my knowled the best	give pertinent dates, including estimated date the wellbore diagram of proposed completion and with 1200 sx Halliburton Interfill "C" Heat (s.w. 14.8, yield 1.32 cubic feet/sx). To Hobbs OCO dige and belief. Coordinator DATE 9/12/03 Telephone No. (432) 687-1777

And the second second second

Submit 3 Copies To Appropriate District Office	State of New Me			Form C	
District I	Energy, Minerals and Natur		WELL API NO.	Revised March 25,	, 1999
1625 N. French Dr., Hobbs, NM 87240 District II	OIL CONSERVATION			15-36333	
811 South First, Artesia, NM 87210	2040 South Pach		5. Indicate Type of		
<u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87	505		X FEE 🗌	
District IV			6. State Oil & Ga	s Lease No.	
2040 South Pacheco, Santa Fe, NM 87505					
SUNDRY NOTICE (DO NOT USE THIS FORM FOR PROPOSAL	S AND REPORTS ON WELLS	IG DACK TO A	7. Lease Name or	Unit Agreement Na	ame:
DIFFERENT RESERVOIR. USE "APPLICAT			Buckeye "1" S	tate	
PROPOSALS.)			Duonoyo i c		
1. Type of Well: Oil Well Gas Well	X Other				
2. Name of Operator	71 04162		8. Well No.		
•	Oil and Ranch, Ltd.			1	
3. Address of Operator			9. Pool name or W		
	ite 1800, Midland, TX 79	9701-5116	North Vacuum	Atoka Morrow	
4. Well Location					
Unit Letter D :	820 feet from the North	line and	1310 feet from	n the West	line
omi betterb	ozo rect from the <u>1404</u>	i inc aid	TOTO LECT HOL	I die	
Section 1		ange 34E	NMPM	County Lea	
1	0. Elevation (Show whether DI	R, RKB, RT, GR, etc	·.)		
11 Charle App	manaista Dan ta Indianta N	tuma of Nictica 1	Domant on Other T		
NOTICE OF INTE	propriate Box to Indicate Na		SEQUENT REF		
	PLUG AND ABANDON	REMEDIAL WOR		ALTERING CASI	NG
			_		
TEMPORARILY ABANDON (CHANGE PLANS	COMMENCE DRI	LLING OPNS.	PLUG AND	
PULL OR ALTER CASING	MULTIPLE	CASING TEST A	ND 🗀	ABANDONMENT	
	COMPLETION	CEMENT JOB	_	·	
OTHER: TD, set production casing	X	OTHER:			П
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or recompilation.	SEE ROLE 1103. For Multiple C	ompletions: Attac	n wendore diagram (i proposed comple	tion
or roomphation.					
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Fasken Oil and Ranch, Ltd. has reache and cementing data.	ed TD and set production casing	on the Buckeye "1"	State No. 1. Please	eê the attached ca	भ्रोग्रह
and cementing data.			/S		153/
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Thombo could dead to be seen at					
I hereby certify that the information al	oove is true and complete to the i	est of my knowled	ge and belief.		
SIGNATURE MULLING	Janus TITLE	Regulatory Affairs	Coordinator	DATE10/24/	03
Type or print name Jimmy D. Ca	rlile		Telephon	No. (432) 687-1	777
(This space for State use)	e ,	The second	GENERAL MANAG	- T-	
APPPROVED BY	OC.DISTI	CT SUPERVISOR	—	DART 271	adb
Conditions of approval, if any:	AUTOMO TILE			_DAIE _ ~ C	
· · · · · · · · · · · · · · · · · ·					

Fasken Oil and Ranch, Ltd.

Buckeye "1" State No. 1

October 18, 2003

Drilled 8 %" hole to 12,600'. Ran casing as follows:

October 20, 2003

Casing Detail: 5-1/2" L-80 LT&C		@
1 - Howco Float Shoe	1.32'	
1 jt. 20# casing	47.20'	
1 - Howco Float Collar	0.88'	12,148.74
7 jts. 20# casing	329.07'	11,819.67'
1 jt. 20# marker	7.01'	11,812.66'
27 jts. 20# casing	1227.98'	10,584.68'
3 jts. 20# flint coated casing	94.48'	10,490.20
1 jt. 20# marker	7.03'	10,483.17'
5 jts. 20# casing	219.54'	10,263.63'
14 jts. 1 <i>7#</i> casing	650.62'	9613.01'
1 Halliburton DV tool	2.10'	9610.91'
180 jts. 17# casing	8431.21'	1179.70'
<u>26 jts.</u> 20# casing	<u> 1183.55'</u>	
265 jts. total	12,201.99'	
less cut-off	<u>- 36.85'</u>	
	12,165.14'	
below KB	<u>+ 33.00'</u>	
Landed @	12,198.14	

October 21, 2003

Cement Detail:

1" Stage: 10 bfw, 500 gallons Mud Flush, 10 bfw, 800 sx Halliburton Super "H" with 0.5% CFR-3, 0.5% Halad-344, 0.3% HR-7 and 3# Gilsonite (s.w. 13.0 ppg, yield 1.65 ft³/sx). Batch mixed all of the first stage slurry. Plug down at 6:00 am CDT 10-21-03. Opened DV tool at 6:45 am and circulated 109 sx cement.

2nd Stage: 1200 sx Halliburton Lite "C" with 6% gel (s.w. 12.6 ppg, yield 2.0 ft³/sx) plus 200 sx Class "H" Neat (s.w. 15.6 ppg, yield 1.18 ft³/sx). Plug down at 1:45 pm 10-21-03. Top of cement at 370' per temperature survey.

District I 1625 N. French Dr., Hobbs, NM 88240 District II

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised March 25, 1999

311 South First District III 1000 Rio Brazo			_		40 Sout	TION I th Pache NM 87:	co	ON	Subr	nit to Ap	propri	ate District Office 5 Copies
District IV 2040 South Pac	heco, Santa	Fe, NM 875	505								AME	ENDED REPORT
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	12 ½" 8 ¾"			9 5/8", 36/ 5 ½",17/2				4991'		1400 sx C		
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and belief.	61	\	1		-	1						
Signature:	Hum	my T	Mai	me		Approve	i oy:		eal 9	2		1
Printed name:	Jimmy	D. Carlile	jimmyc@	forl.com		Title:		PETI	ROI FILM EN	CINIT	-	5
Title:		•	s Coordina			Approva	Date:		· OFFORT FI	MATH/FE		
Date:	1/26/04		Phone:	(432) 687	7-1777					·		
			OGRID numbe			s operator				- 1 1	1	0 2004
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Previou	as Operator S	ignature	T	Printed Na	me			Title				Date
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District I 1625 N. French Dr., Hobbs, NM 88240 District II 811 South First, Artesia, NM 88210 District III 1000 Rio Brazos Road, Aztec, NM 87410 District IV 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico Energy Minerals and Natural Resources

Form C-101 Revised March 17, 1999

Oil Conservation Division 2040 South Pacheco Santa Fe, NM 87505 Submit to appropriate District Office State Lease - 6 Copies Fee Lease - 5 Copies

AMENDED REPORT

	n Oil and F		Operator Name a	nd Address						OGRID 151- 3 API Nun		·
	nd, TX 797		,							30-025-3		
³ Propert						operty Name					6 Well No	0.
3	<u> 2562 </u>					eye "1" State				 	1_	
				 	Suri	face Location	n			,		
UL or lot no.	Section	Township	Range	Lot Id	lin	Feet from the	the North/South line Fe		Feet from the	East/Wes	t line	County
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		8]	Proposed B	ottom F	Iole L	ocation If I	Differe	nt Fron	n Surface			
UL or lot no.	Section	Township	Range	Feet from the	North/S	South line	Feet from the	East/Wes	t line	County		
		9 Pr	oposed Pool 1		1				10 Propo	sed Pool 2		
		North Vac	uum Lower Wolfd	amp								
11 Work	Type Code		12 Well Type Co	de		13 Cable/Rotary		14	Lease Type Code		15 Ground	Level Elevation
						R Formation	S					40' GR
	ultiple O					Wolfcamp		19 Contractor Not available		²⁰ Spud Date 3/3/04		
				roposec	l Casi	ng and Cer	nent P	rogram				
Hole S	ze	Casi	ng Size		weight/	J	Setting Depth Sacks			ement	Es	timated TOC
17 1/2	2	13	3/8"		48		496'		550 sx	C	С	irculated
12 ½	, ,, 4	9	5/8"	3	6/40		4991'		1400 s	x C	450	'Temp Su
8 3/4	11	5	1/2"	1	7/20		12198'		2200 sx Li	2200 sx Lite C/H		'Temp Sı
			, .							151	51718	19,202
_	_									/3 ¹ , 73		(2)
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production.			etails of the wo					Perm	it Expires 1 ate Unless	Year F	rom de	Approval orw ay
-	-	_	iven above is tr	ue and com	plete to	the		OIL C	ONSERVAT	ION DI	VISIC	N
est of my kno Signature	12.	wy T) ai	in		Appro	ved by:		Zal.		af p	
Printed name:	Jimmy D.	Camele jimn	vc@forl.com			Title:					EN	GINEER
Title:	Regulator	Affairs Coo	rdinator			Appro	val Date	:		WE WELL	Mi EL	
	3/2/04		Phone: (43)			I I	tid#AR		Pt			

Form C-102

ed March 17, 1999 1625 M. French Br., Hobbs, ICH 65240 ECEADANTE to Appropri Energy, Minerals and Natural Resources Department DISTRICT II ate District Office 811 South First, Artesia, NM 88210 State Lease - 4 Copies Lease - 3 Copies DISTRICT III OIL CONSERVATION DINTSIQN 25 1000 Rio Brazos Rd., Aztec, NM 87410 2040 South Pacheco DISTRICT IV Santa Fe, New Mexico 87504 2040 South Pacheco, Santa Fe. NM 87505 AMENDED REPORT A TRANSPORT OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE WELL LOCATION AND ACREAGE DEDICATION PLAT Pool Code Pool Name API Number 30-025-36333 62380 North Vacuum Lower Wolfcamp Property Name Well Number Property Code **BUCKEYE "1" STATE** 32562 Operator Name Elevation OGRID No. 151416 FASKEN OIL & RANCH, LTD. 4040' Surface Location Feet from the North/South line East/West line UL or lot No. Section Township Range Lot Ido Feet from the LOT 4 1 17 S 34 E 820 NORTH 1310 WEST LEA Bottom Hole Location If Different From Surface UL or lot No. Section Township Lot lin Feet from the North/South line Feet from the East/West line County Dedicated Acres Joint or Infill Consolidation Code Order No. NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION OPERATOR CERTIFICATION I hereby certify the the information red herein is true and complete to the 4041.3' 4039.9 best of my knowledge and belief. -1310'-4040.9 4039.4 LOT 4 - 40.54 AC. LOT 3 - 40.39 AC. LOT 2 - 40.23 AC. LOT 1 - 40.08 AC. Jimmy D. Carlile LAT - N32"52'09.2" LONG - W103'31'06.7 Printed Name Regulatory Affairs Coor. Title 3/2/04 jimmyc@for1.com Date SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervison, and that the same is true and correct to the best of my belief. **NOVEMBER 20. 2002** Date Supresed Signature & Seal of essional Supreyor 7977 BASIN SURVEYS

State of New Mexico

DISTRICT I

Recommended Recompletion Procedure

Buckeye "1" State No. 1 820' FNL & 1310' FWL Sec 1, T17S R34E AFE 811

OBJECTIVE:

, e.

Recomplete to Wolfcamp

WELL DATA:

API Number:

30-025-36333

13-3/8" 48#/ft H-40 ST&C casing:

Set at 496.03' KB Cmt w/550 sx "C" w/2% CaCl2. Circ 64 sx to

surface.

9-5/8"40&36#/ft K-55 ST&C casing:

Set at 4990.77' KB, Cmt w/1200 sx Halliburton Interfill "C"

with 8# salt, did not circ, TOC 450' by Temp.

5-1/2" 17&20#/ft L-80 LT&C csg (20#/ft from TD-10,263.63"

and top 1179.70'):

Set at 12,198.14 KB, DV @ 9610.91' KB, Cmt 1st stage 800 sx

Halliburton Super "H" circ 109 sx, Cmt 2nd stage 1200 sx Halliburton Lite "C" w/6% gel +200 sx Class "H" neat. TOC

370' by Temp.

Marker jt 7.01' @ 11,819.67'-11,812.66'. Marker jt 7.03' @ 10,490.20'-10,483.17'.

Perfs: 11,914'-18' (

11,914'-18' (5h), 11,926'-28' (3h), 11,930'-33' (4h), 11,936'-38' (3h)

Packer:

11,810.34' KB Arrowset I 10K with 1.781" "F" profile nipple WL entry guide (0.43'), Arrowset I 10k pkr (7.35') w/ 1.781"

Tubing detail: WL entry guid

"F" profile (1.49'), 376 jts 2-3/8" EUE 8rd N-80 tubing

(11,788.11'). EOT 11,819.38' KB

TD: 12,600'

PBTD: 12,112' orig comp drillout (Float collar at 12148.74' KB)

- 1. RUPU. Kill well with 46 bbls 3% KCL water containing 1 gpt Claymaster 5C, corrosion inhibitor and oxygen scavenger.
- 2. NDWH. Install BOP and set test tank.
- 3. Release Arrowset 1 10K packer at 11,810' and reverse circulate well with 60 bbls 3% Kcl water containing 1 gpt Claymaster 5C, corrosion inhibitor and oxygen scavenger. POW with 376 jts 2-3/8" EUE 8rd N-80 tubing, TOSSD, packer, and wireline entry guide.
- 4. RU wireline 5000 psi lubricator.
 - A. Run and set 5-1/2" CIBP @ 11,900'.
 - B. Fill well with 3% KCL water containing 1 gpt Claymaster 5C.
 - C. Run dump bailer and spot 35 feet (4 sx) of Class "H" cement on CIBP for PBTD 11,865' and test to 2000 psi.
 - D. Run GR-CCL from 10,700' 10,500'. Perforate Wolfcamp 1JSPF at 10578', 10579', 10580', 10591', 10602', 10605', 10607', 10624', 10630', 10632', 10635', and 10637' total 12 holes with 3-3/8" select fire casing gun using 0.41" EHD shots 120 degree phased by Baker Hughes/Baker Atlas Compensated Z-Densilog/Compensated Neutron log dated October 19, 2003.
- 5. RIW w/ 2-3/8" wireline entry guide, 5-1/2" Arrowset I 10K packer, TOSSD w/ 1.781" "F" frac hardened profile, and 2-3/8" 4.7#/ft EUE 8rd N-80 tubing to +/-10,640' and spot 250 gals. 15% NEFE DI acid. POW to 10,500'+/- and reverse acid into tubing with 8 bbls 3% Kcl water.

- 6. Set packer, ND BOP, NUWH with packer set in 20,000# compression.
- 7. Trap 2000 psi on tbg-csg annulus and displace acid into formation.
- 8. Swab well and flow to pit to clean up. Evaluate for stimulation.
- 9. If stimulation required, RU BJ Services. Trap 1500 psi on 2-3/8"x5-1/2" annulus. Acidize Wolfcamp perfs 10,591'-10,640' (11 holes) with 1500 gal 15% NEFE acid dropping 22 ball sealers evenly spaced for diversion. Max pressure 2500 psi. Additives are:

0.5 gal/M Clay Master-5C
2 gal/M FAW-18w, surfactant
2 gal/M NE-13, Non-emulsifier
1 gal/M Cl-27, organic inhibitor
6 gal/M Ferrotrol-270L
2 gal/M Ferrotrol-271L

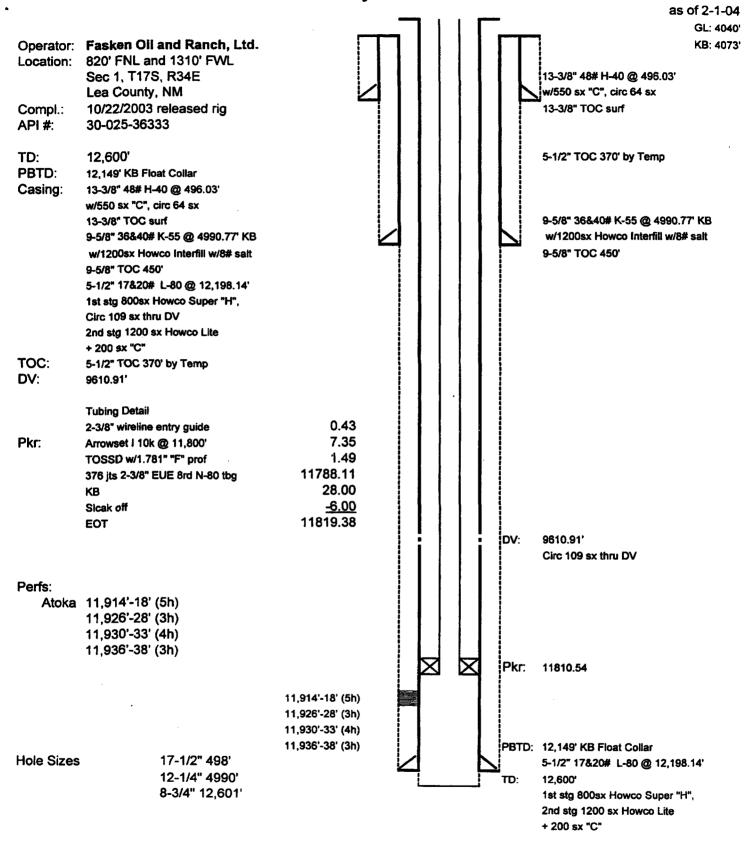
Flush with 3% KCL water containing and NE-13 surfactant.

- 10. Swab and flow back acid and load water.
- 11. Flow to pit until gas will burn.
- 12. Return well to sales.

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cwb 2-25-04 (Buckeye Wifcmp projwd1.doc)

Buckeye "1" State No. 1



cwb 2/25/2004 BuckeyeSt1 wb diagram.xls

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

CASE No. 3535 Order No. R-3206

APPLICATION OF PENNZOIL COMPANY FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 8, 1967, at Santa Fe, New Mexico, before Examiner Daniel S. Nutter.

NOW, on this 17th day of March, 1967, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-3205, effective April 1, 1967, the Commission created the North Vacuum-Lower Wolfcamp Pool for oil production from the Lower Wolfcamp formation comprising the NE/4 of Section 3, Township 17 South, Range 34 East, NMPM, Lea County, New Mexico. The discovery well for said pool is the Pennzoil Company Gallagher-State Well No. 1 located in Unit A of said Section 3.
- (3) That the applicant, Pennzoil Company, seeks the promulgation of special rules and regulations for the North Vacuum-Lower Wolfcamp Pool, including a provision for 80-acre spacing units.
- (4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of

-2- No. 3535 (PARCE WESS TO MILES SEE NO. 3535 (PARCE WESS TO MILES SEE NO. 0748 NO. R-3206

risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, temporary special rules and regulations providing for 80-acre spacing units should be promulgated for the North Vacuum-Lower Wolfcamp Pool.

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- (5) That the temporary special rules and regulations should provide for limited well locations in order to assure orderly development of the pool and protect correlative rights.
- (6) That the temporary special rules and regulations should be established for a one-year period in order to allow the operators in the subject pool to gather reservoir information to establish the area that can be efficiently and economically drained and developed by one well.
- (7) That this case should be reopened at an examiner hearing in March, 1968, at which time the operators in the subject pool should be prepared to appear and show cause why the North Vacuum-Lower Wolfcamp Pool should not be developed on 40-acre spacing units.

IT IS THEREFORE ORDERED:

That, effective April 1, 1967, temporary Special Rules and Regulations for the North Vacuum-Lower Wolfcamp Pool are hereby promulgated as follows:

SPECIAL RULES AND REGULATIONS FOR THE NORTH VACUUM-LOWER WOLFCAMP POOL

- RULE 1. Each well completed or recompleted in the North Vacuum-Lower Wolfcamp Pool or in the Lower Wolfcamp formation within one mile thereof, and not nearer to or within the limits of another designated Lower Wolfcamp oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.
- RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

-3-CASE No. 3535 Order No. R-3206

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot or the unorthodox size or shape of the tract is due to a variation in the legal subdivision of the United States Public Land Surveys. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the non-standard unit within 30 days after the Secretary-Director has received the application.

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- RULE 4. Each well shall be located within 150 feet of the center of a governmental quarter-quarter section or lot.
 - RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions or the recompletion of a well previously drilled by another horizon. All operators offsetting the proposed location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all operators offsetting the proposed location or if no objection to the unorthodox location has been entered within 20 days after the Secretary-Director has received the application.
 - RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 5.67 for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

IT IS FURTHER ORDERED:

(1) That the locations of all wells presently drilling to or completed in the North Vacuum-Lower Wolfcamp Pool or in the Lower

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Wolfcamp formation within one mile thereof are hereby approved; that the operator of any well having an unorthodox location shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before April 1, 1967.

- (2) That each well presently drilling to or completed in the North Vacuum-Lower Wolfcamp Pool or in the Lower Wolfcamp formation within one mile thereof shall receive a 40-acre allowable until a Form C-102 dedicating 80 acres to the well has been filed with the Commission.
- (3) That this case shall be reopened at an examiner hearing in March, 1968, at which time the operators in the subject pool may appear and show cause why the North Vacuum-Lower Wolfcamp Pool should not be developed on 40-acre spacing units.
- (4) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO
OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

BEFORE THE OIL CONSERVATION COMMISSION OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING CALLED BY THE OIL CONSERVATION COMMISSION OF NEW MEXICO FOR THE PURPOSE OF CONSIDERING:

> CASE No. 3535 Order No. R-3206-A

APPLICATION OF PENNZOIL COMPANY FOR SPECIAL POOL RULES, LEA COUNTY, NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 6, 1968, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 13th day of March, 1968, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That by Order No. R-3206, dated March 17, 1967, temporary Special Rules and Regulations were promulgated for the North Vacuum-Lower Wolfcamp Pool, Lea County, New Mexico.
- (3) That pursuant to the provisions of Order No. R-3206, this case was reopened to allow the operators in the subject pool to appear and show cause why the North Vacuum-Lower Wolfcamp Pool should not be developed on 40-acre spacing units.
- (4) That the evidence establishes that one well in the North Vacuum-Lower Wolfcamp Pool can efficiently and economically drain and develop 80 acres.

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- (5) That the Special Rules and Regulations promulgated by Order No. R-3206 have afforded and will afford to the owner of each property in the pool the opportunity to produce his just and equitable share of the oil in the pool.
- (6) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells, to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, the Special Rules and Regulations promulgated by Order No. R-3206 should be continued in full force and effect until further order of the Commission.

IT IS THEREFORE ORDERED:

- (1) That the Special Rules and Regulations governing the North Vacuum-Lower Wolfcamp Pool, promulgated by Order No. R-3206, are hereby continued in full force and effect until further order of the Commission.
- (2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe. New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO OIL CONSERVATION COMMISSION

DAVID F. CARGO, Chairman

GUYTON B. HAYS, Member

A. L. PORTER, Jr., Member & Secretary

SEAL

Atoka-Mortow Gas POOL North Vacuum - Morrow

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Ext: 15 NE & SE Sec 11 (R-3562, 12-1-68)

Reclassified & Redefined: Reclassified as a gas pool and redesignated

North Nacyum - Morrow Gas Pool comprising All Sec. 11 (R.3792, 7-15-69)

Ext: The Sec. 14; \$ Sec. 15 (R. 4032, 10-1-70) - \$ Sec. 12; \$ Sec. 14; \$ Sec. 23 (R. 4194, 10-1-71)

N Sec. 13: 5 Sec. 15; \$ Sec. 16 (R-4351, 8-1-72)

Ext: 424 5E/4 Sec 8, E/2 Sec. 17 (R-5215, 6-1-76)

Vertical limits extended to include Atoka formation and

pool redesignated North Vacuum-Atoka-Morrow Cas(R-5334,12-1-76) Ext: NE/4 Sec 8, W/2 Sec 17 (R-5511, 9-1-77)

Ext: \$/2 Sec. 1 NEG Sec. 12 (R->307, 6-14-83) Ext 1/2 Sec. 19 NW4 Sec. 20 (R-11304, 1-12-00) Ext! N/2 and 894 Sec. 5 (R-11475, 10-24-00)