

Sec : 01 Twp : 17S Rng : 34E Section Type : NORMAL

<p>4 40.54 MI B00936 0000 EXXON MOBIL CORPO U 11/22/42 A A</p>	<p>3 40.39 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 C <i>Moreno</i> <i>location cancelled 1984</i> F</p>	<p>2 40.23 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>1 40.08 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>
<p>E 40.00 MI B00936 0000 EXXON MOBIL CORPO U 11/22/42 A</p>	<p>F 40.00 MI B00936 0000 EXXON MOBIL CORPO U 11/22/42 A</p>	<p>G 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>H 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>
<p>L 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>K 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>J 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>I 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>
<p>M 40.00 MI E05765 0007 MAGNUM HUNTER PRO U 11/10/61 A A</p>	<p>N 40.00 MI E05765 0007 MAGNUM HUNTER PRO U 11/10/61 A A</p>	<p>O 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 A</p>	<p>P 40.00 MI K04606 0003 OCCIDENTAL PERMIA U 12/15/74 P A A</p>

40.54
40.39
80.93
8
160.93
320.93

CMD : ONGARD
OG6IWCW INQUIRE WELL COMPLETIONS

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

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

B.H. Locn : 4 1 17S 34E FTG 820 F N FTG 1310 F W A

Lot Identifier:
Dedicated Acre: 320.93
Lease Type : S

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

M0025: Enter PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GOTO PF05 PF06
PF07 PF08 PF09 PF10 NEXT-WC PF11 HISTORY PF12 NXTREC

*Sub job
3/21/04*

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Fasken Oil and Ranch, Ltd. 303 W. Wall Ave., Suite 1800 Midland, TX 79701-5116		² OGRID Number 151416
³ Property Code 32562		³ API Number 30-025-36333
⁵ Property Name Buckeye "1" State		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
4/D	1	17S	34E		820	North	1310	West	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

⁹ Proposed Pool 1 North Vacuum Atoka Morrow	¹⁰ Proposed Pool 2
-----------------------------------------------------------	-------------------------------

¹¹ Work Type Code N	¹² Well Type Code G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4040'
¹⁶ Multiple No	¹⁷ Proposed Depth 12800'	¹⁸ Formation Morrow	¹⁹ Contractor Not available	²⁰ Spud Date 8/10/03

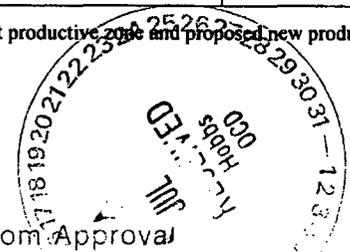
²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48#	500'	550 sx	Surface
12 1/4"	9 5/8"	36/40#	5000'	1200 sx	Surface
8 3/4"	4 1/2"	11.6/13.5#	12800'	2100 sx	4500'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Please see attached for procedure, casing program and BOP schematic.

Permit Expires 1 Year From Approval Date Unless Drilling Underway



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Jimmy D. Carlile</i>		Approved by: <i>[Signature]</i>	
Printed name: Jimmy D. Carlile		Title: PETROLEUM ENGINEER	
Title: Regulatory Affairs Coordinator		Approval Date:	Expiration Date:
Date: 7/15/03	Phone: (915) 687-1777	Conditions of Approval: JUL 17 2003	
		Attached <input type="checkbox"/>	

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1009 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheo, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheo
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36333	Pool Code 86800	Pool Name North Vacuum Atoka Morrow
Property Code 32562	Property Name BUCKEYE "1" STATE	Well Number 1
OGED No. 151416	Operator Name FASKEN OIL & RANCH, LTD.	Elevation 4040'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4/D	1	17 S	34 E		820	NORTH	1310	WEST	LEA

Bottom Hole Location if Different From Surface

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 or Infill	Consolidation Code	Order 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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Jimmy D. Carlile</i> Signature</p> <p>Jimmy D. Carlile Printed Name</p> <p>Regulatory Affairs Coord. Title</p> <p>July 15, 2003 Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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 supervision and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 20, 2002 Date Surveyed</p> <p><i>Gary L. Jones</i> Signature & Seal of Professional Surveyor</p> <p>7977 Professional Surveyor No.</p> <p>7977 Certificate No.</p> <p>GARY L. JONES PROFESSIONAL SURVEYOR BASIN SURVEYS</p>	
	<p>LOT 4 - 40.54 AC. LOT 3 - 40.39 AC. LOT 2 - 40.23 AC. LOT 1 - 40.08 AC.</p> <p>LAT - N32°52'09.2" LONG - W103°31'06.7"</p>	
	<p>W.O. No. 2872A</p>	

Recommended Procedure

Buckeye "1" State No. 1 ————— A.F.E. No. 628 ————— North Vacuum Atoka-Morrow Field
820' FNL and 1310' FWL
Sec. 1, T17S, R34E
Lea County, NM

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.
3. 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.
10. 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

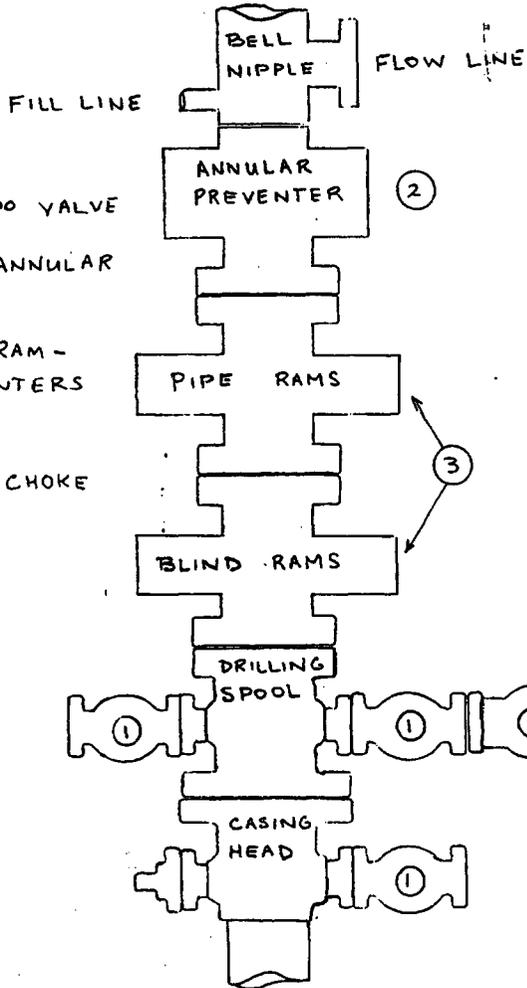
16. RIW with 3-3/4" bit, 4-1/2" casing scraper, 6 3-1/2" drill collars and 2-3/8" 4.7# N-80 EUE 8rd tubing. Drill out DV tool and reciprocate scraper through DV tool several times. Pressure test casing to 1500 psig. RIW and clean out to float collar. Circulate well clean and pressure test casing to 1500 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)

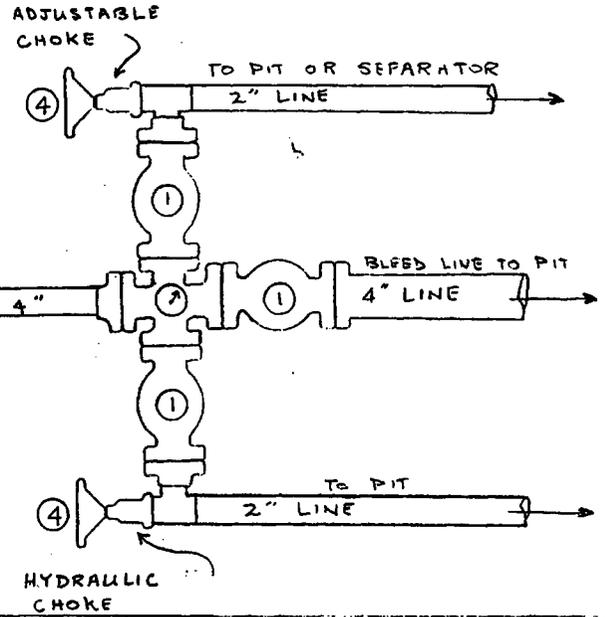
**Recommended Casing Program
A.F.E. No. 628**

**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'	9-5/8"	36.00#	K-55	ST&C
	1500'	9-5/8"	40.00#	K-55	ST&C
	800'	9-5/8"	40.00#	HCK-55	ST&C
	<u>5000'</u>				
Production	2,500'	4-1/2"	11.60#	N-80	BT&C
	8,400'	4-1/2"	11.60#	N-80	LT&C
	1,900'	4-1/2"	13.50#	N-80	LT&C
	<u>12,800'</u>				
Tubing	12,700'	2-3/8"	4.70#	N-80	EUE 8rd



- ① 4" SERIES 1500 VALVE
- ② SERIES 1500 ANNULAR PREVENTER
- ③ SERIES 1500 RAM-TYPE PREVENTERS
- ④ 2" SERIES ADJUSTABLE CHOKE



5000 PSI WORKING PRESSURE

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources
 OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-103
 Revised March 25, 1999

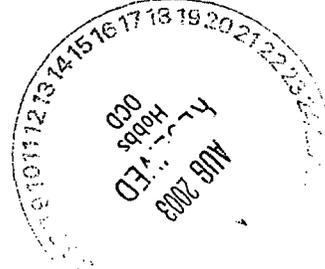
SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-36333
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator Fasken Oil and Ranch, Ltd.		6. State Oil & Gas Lease No.
3. Address of Operator 303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116		7. Lease Name or Unit Agreement Name: Buckeye "1" State
4. Well Location Unit Letter <u>D</u> : <u>820</u> feet from the <u>North</u> line and <u>1310</u> feet from the <u>West</u> line Section <u>1</u> Township <u>17S</u> Range <u>34E</u> NMPM County <u>Lea</u>		8. Well No. 1
10. Elevation (Show whether DR, RKB, RT, GR, etc.)		9. Pool name or Wildcat North Vacuum Atoka Morrow

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETION <input type="checkbox"/> OTHER: Spud, set surface casing <input checked="" type="checkbox"/>		SUBSEQUENT REPORT OF: REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/> CASING TEST AND CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>	
---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--	-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--

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 1/2" 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 1/4 hours.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 8/28/03

Type or print name Jimmy D. Carlile FIELD REPRESENTATIVE II/STAFF MANAGER Phone No. (432) 687-1777
 (This space for State use)

APPROVED BY Harry W. Wick TITLE _____ DATE SEP 03 2003
 Conditions of approval, if any: _____

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-103
 Revised March 25, 1999

WELL API NO. 025
30-045-36333

5. Indicate Type of Lease
 STATE FEE

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name:
 Buckeye "1" State

8. Well No. 1

9. Pool name or Wildcat
 North Vacuum Atoka Morrow

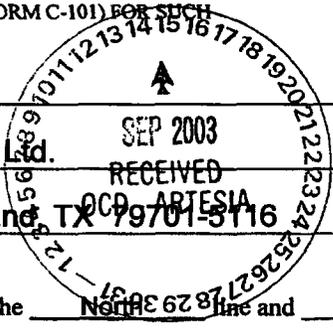
SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
Fasken Oil and Ranch, Ltd.

3. Address of Operator
303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116

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



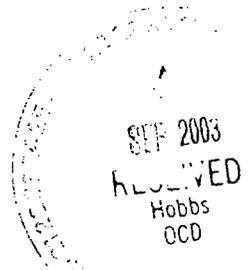
10. Elevation (Show whether DR, RKB, RT, GR, etc.)

11. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: Set intermediate casing <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Drilled a 12 1/4" hole to 4995'. Set 9 5/8", 36/40#, HCK-55, LTC casing at 4991'. Cemented with 1200 sx Halliburton Interfill "C" with 8# salt and 1/4# Flocele (s.w. 11.9 ppg, yield 2.46 cubic feet/sx) and 200 sx Class C Neat (s.w. 14.8, yield 1.32 cubic feet/sx). Top of cement at 450' by temperature survey. Wait on cement 26 hours.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 9/12/03

Type or print name Jimmy D. Carlile Telephone No. (432) 687-1777
 (This space for State use)

APPROVED BY Gary W. Wink TITLE OC DISTRICT SUPERVISOR/GENERAL MANAGER DATE OCT 02 2003
 Conditions of approval, if any:

Submit 3 Copies To Appropriate District Office
 District I
 1625 N. French Dr., Hobbs, NM 87240
 District II
 811 South First, Artesia, NM 87210
 District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 District IV
 2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
 Energy, Minerals and Natural Resources
OIL CONSERVATION DIVISION
 2040 South Pacheco
 Santa Fe, NM 87505

Form C-103
 Revised March 25, 1999

WELL API NO. 30-015-36333
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name: Buckeye "1" State
8. Well No. 1
9. Pool name or Wildcat North Vacuum Atoka Morrow

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well:
 Oil Well Gas Well Other

2. Name of Operator
Fasken Oil and Ranch, Ltd.

3. Address of Operator
303 W. Wall Ave., Suite 1800, Midland, TX 79701-5116

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 <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: TD, set production casing <input checked="" type="checkbox"/>		OTHER: <input type="checkbox"/>	

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 recompletion.

Fasken Oil and Ranch, Ltd. has reached TD and set production casing on the Buckeye "1" State No. 1. Please see the attached casing and cementing data.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.
 SIGNATURE Jimmy D. Carlile TITLE Regulatory Affairs Coordinator DATE 10/24/03

Type or print name Jimmy D. Carlile Telephone No. (432) 687-1777
 (This space for State use)

APPROVED BY Chris Williams TITLE DISTRICT SUPERVISOR/GENERAL MANAGER DATE OCT 27 2003
 Conditions of approval, if any:

Fasken Oil and Ranch, Ltd.

Buckeye "1" State No. 1

October 18, 2003

Drilled 8 3/4" hole to 12,600'. Ran casing as follows:

October 20, 2003

<u>Casing Detail:</u> 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. 17# casing	650.62'	9613.01'
1 Halliburton DV tool	2.10'	9610.91'
180 jts. 17# casing	8431.21'	1179.70'
<u>26 jts. 20# casing</u>	<u>1183.55'</u>	
265 jts. total	12,201.99'	
less cut-off	- 36.85'	
	12,165.14'	
below KB	+ 33.00'	
Landed @	12,198.14'	

October 21, 2003

Cement Detail:

1st 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
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State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Fasken Oil and Ranch, Ltd. 303 W. Wall Ave., Suite 1800 Midland, TX 79701-5116		OGRID Number 151416
Reason for Filing Code RT-2400 Jan 2004		
API Number 30 - 015-36333	Pool Name North Vacuum Atoka Morrow	Pool Code 86800
Property Code 32562	Property Name Buckeye "1" State	Well Number 1

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
D	1	17S	34E		820	North	1310	E	Lea

III. Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Lea Code S	Producing Method Code F	Gas Connection Date 1/23/04	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date
---------------	----------------------------	--------------------------------	---------------------	----------------------	-----------------------

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
15620	Natural Gas Pipeline of America 500 Dallas St, Suite 100 Houston, TX 77001		G	
352370	Sunoco Partners P. O. Box 2039 Tulsa, OK 74102		O	

IV. Produced Water

POD	POD ULSTR Location and Description
-----	------------------------------------

V. Well Completion Data

Spud Date 8/25/03	Ready Date 1/23/04	TD 12600'	PBTD 12106'	Perforations 11914' - 11938'	DHC, MC
Hole Size 17 1/2"	Casing & Tubing Size 13 3/8", 48#	Depth Set 496'	Sacks Cement 550 sx C		

VI. Well Test Data

Date New Oil 1/23/04	Gas Delivery Date 1/23/04	Test Date 1/24/04	Test Length 24	Tbg. Pressure 750	Csg. Pressure 0
Choke Size 3/4"	Oil 70 Bbls	Water 0 Bbls	Gas 112 MCF	AOI	Test Method Flowing

I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Jimmy D. Carlile		OIL CONSERVATION DIVISION Approved by: [Signature] Title: PETROLEUM ENGINEER	
Printed name: Jimmy D. Carlile jimmyc@for.com		Approval Date:	
Title: Regulatory Affairs Coordinator			
Date: 1/26/04	Phone: (432) 687-1777		

If this is a change of operator fill in the OGRID number and name of the previous operator

FEB 10 2004

Previous Operator Signature	Printed Name	Title	Date
-----------------------------	--------------	-------	------

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

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Fasken Oil and Ranch, Ltd. 303 W. Wall Ave., Suite 1800 Midland, TX 79701-5116		² OGRID Number 151416
³ Property Code 32562		³ API Number 30-025-36333
⁵ Property Name Buckeye "1" State		⁶ Well No. 1

⁷ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	1	17S	34E		820	North	1310	East	Lea

⁸ Proposed Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
⁹ Proposed Pool 1 North Vacuum Lower Wolfcamp					¹⁰ Proposed Pool 2				

¹¹ Work Type Code P	¹² Well Type Code O/G	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 4040' GR
¹⁶ Multiple No	¹⁷ Proposed Depth 11865' *	¹⁸ Formation Wolfcamp	¹⁹ Contractor Not available	²⁰ Spud Date 3/3/04

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 3/8"	48	496'	550 sx C	Circulated
12 1/4"	9 5/8"	36/40	4991'	1400 sx C	450' Temp Sur
8 3/4"	5 1/2"	17/20	12198'	2200 sx Lite C/H	370' Temp Sur

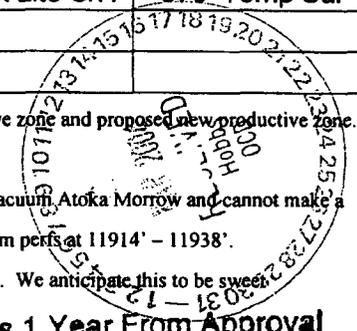
²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone. Describe the blowout prevention program, if any. Use additional sheets if necessary.

Fasken Oil and Ranch, Ltd. proposes to plugback and test the Wolfcamp formation in this well. We have tested the North Vacuum Atoka Morrow and cannot make a well in the Morrow. Current rates tested from the Morrow are 5 BOPD, 26 MCFPD, 0 BWPD on 3/4" choke, FTP 100 psi from perforations at 11914' - 11938'.

We propose to test the Wolfcamp at 10578' - 10637'. We anticipate production rates flowing at 50 BOPD and 100 MCFPD. We anticipate this to be sweet production.

*Please see the attached procedure for details of the work.

**Permit Expires 1 Year From Approval
Date Unless Drilling Underway
Plugback**



²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief.		OIL CONSERVATION DIVISION	
Signature: <i>Jimmy D. Canille</i>		Approved by: <i>Paul S. [Signature]</i>	
Printed name: Jimmy D. Canille jimmyvc@fori.com		Title: PETROLEUM ENGINEER	
Title: Regulatory Affairs Coordinator		Approval Date: MAR 10 2004	
Date: 3/2/04	Phone: (432) 687-1777	Attached <input type="checkbox"/>	

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

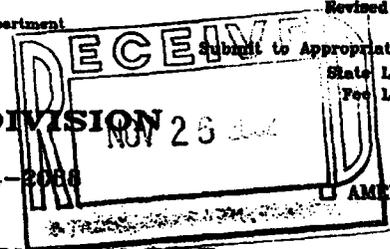
DISTRICT III
1900 Elko Brazos Rd., Aztec, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088



Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-36333	Pool Code 62380	Pool Name North Vacuum Lower Wolfcamp
Property Code 32562	Property Name BUCKEYE "1" STATE	Well Number 1
OGRID No. 151416	Operator Name FASKEN OIL & RANCH, LTD.	Elevation 4040'

Surface Location

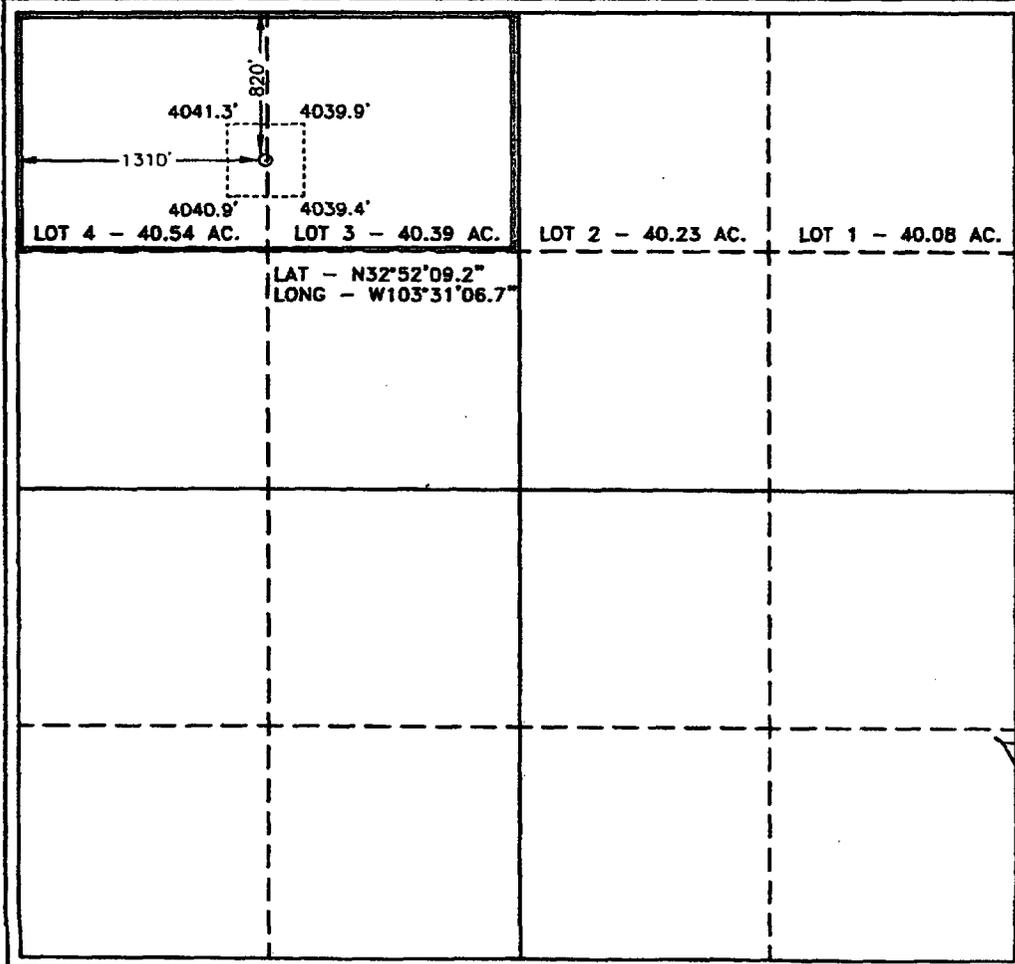
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 4	1	17 S	34 E		820	NORTH	1310	WEST	LEA

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 80	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 contained herein is true and complete to the best of my knowledge and belief.

Jimmy D. Carlile
Signature
Jimmy D. Carlile
Printed Name
Regulatory Affairs Coord.
Title
3/2/04 jimmyc@forl.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 supervision and that the same is true and correct to the best of my belief.

NOVEMBER 20, 2002

Date Surveyed
Signature & Seal
Professional Surveyor
Gary L. Jones
W.O. No. 2872A
Certificate No. Gary L. Jones 7977
BASIN SURVEYS

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

OBJECTIVE:	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% CaCl ₂ . 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 2 nd 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' (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
Tubing detail:	WL entry guide (0.43'), Arrowset I 10k pkr (7.35') w/ 1.781" "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 perms 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 CI-27, organic inhibitor
 - 6 gal/M Ferrotrol-270L
 - 2 gal/M Ferrotrol-271LFlush 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.

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

Buckeye "1" State No. 1

as of 2-1-04

GL: 4040'

KB: 4073'

Operator: **Fasken Oil and Ranch, Ltd.**
 Location: **820' FNL and 1310' FWL**
Sec 1, T17S, R34E
Lea County, NM
 Compl.: **10/22/2003 released rig**
 API #: **30-025-36333**

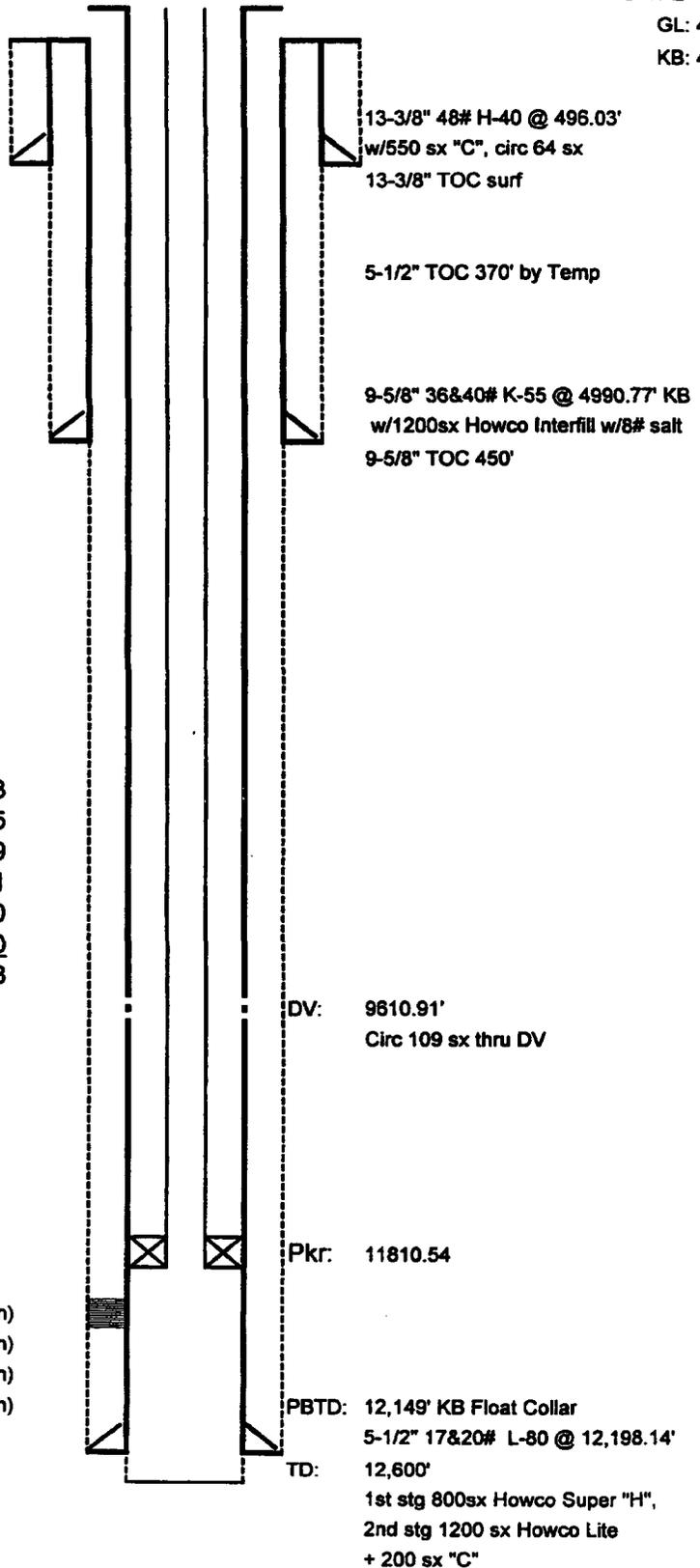
TD: **12,600'**
 PBSD: **12,149' KB Float Collar**
 Casing: **13-3/8" 48# H-40 @ 496.03'**
w/550 sx "C", circ 64 sx
13-3/8" TOC surf
9-5/8" 36&40# K-55 @ 4990.77' KB
w/1200sx Howco Interfill w/8# salt
9-5/8" TOC 450'
5-1/2" 17&20# L-80 @ 12,198.14'
1st stg 800sx Howco Super "H",
Circ 109 sx thru DV
2nd stg 1200 sx Howco Lite
+ 200 sx "C"

TOC: **5-1/2" TOC 370' by Temp**
 DV: **9610.91'**

Tubing Detail	
2-3/8" wireline entry guide	0.43
Pkr: Arrowset I 10k @ 11,800'	7.35
TOSSD w/1.781" "F" prof	1.49
376 jts 2-3/8" EUE 8rd N-80 tbg	11788.11
KB	28.00
Slcak off	<u>-6.00</u>
EOT	11819.38

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

Hole Sizes	17-1/2" 498'	11,914'-18' (5h)
	12-1/4" 4990'	11,926'-28' (3h)
	8-3/4" 12,601'	11,930'-33' (4h)
		11,936'-38' (3h)



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 promul-
gation 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

CASE No. 3535
Order 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.

(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.

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.

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

-4-

CASE No. 3535
Order No. R-3206

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

S E A L

esr/

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.

-2-

CASE No. 3535

Order No. R-3206-A

(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

S E A L

esr/

COUNTY Lea

POOL

North Vacuum - Morrow Gas

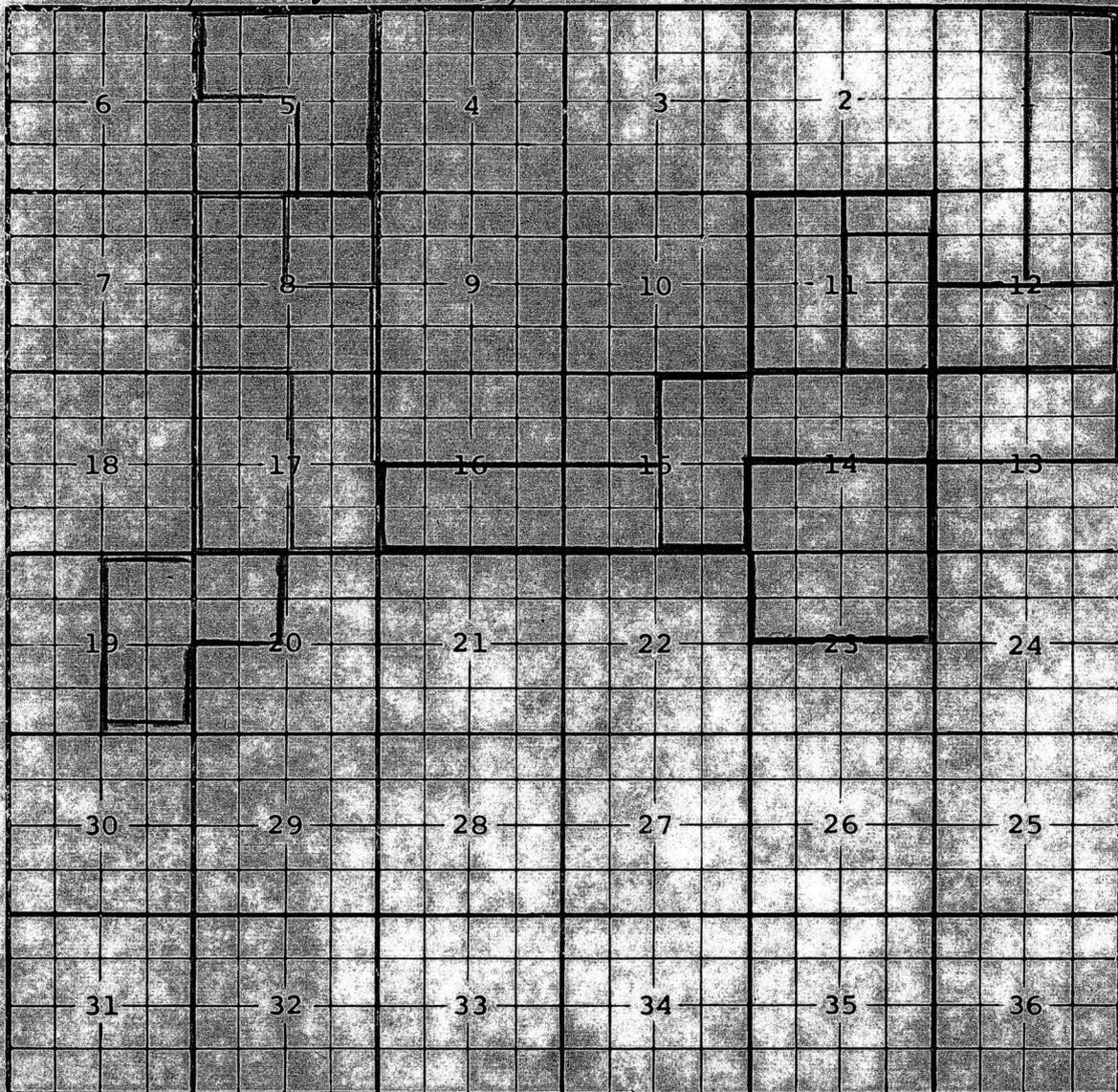
Atoka - Morrow Gas 420

TOWNSHIP 17 South

RANGE

34 East

NMPM



Description: $\frac{N}{2} \frac{NE}{4}$ Sec. 11 (R-3084, 6-30-66)

Ext: $\frac{S}{2} \frac{NE}{4} \& \frac{SE}{4}$ Sec. 11 (R-3562, 12-1-68)

Reclassified & Redefined: Reclassified as a gas pool and redesignated North Vacuum - Morrow Gas Pool comprising All Sec. 11 (R-3792, 7-15-69)

Ext: $\frac{N}{2}$ Sec. 14; $\frac{E}{2}$ Sec. 15 (R-4032, 10-1-70) - $\frac{S}{2}$ Sec. 12; $\frac{S}{2}$ Sec. 14; $\frac{N}{2}$ Sec. 23 (R-4194, 10-1-71)

- $\frac{N}{2}$ Sec. 13; $\frac{SW}{4}$ Sec. 15; $\frac{S}{2}$ Sec. 16 (R-4351, 9-1-72)

Ext: $\frac{W}{2} \& \frac{SE}{4}$ Sec. 8, $\frac{E}{2}$ Sec. 17 (R-5215, 6-1-76)

Vertical limits extended to include Atoka Formation and pool redesignated North Vacuum - Atoka - Morrow Gas (R-5334, 12-1-76)

Ext: $\frac{NE}{4}$ Sec. 8, $\frac{W}{2}$ Sec. 17 (R-5511, 9-1-77)

Ext: $\frac{E}{2}$ Sec. 1, $\frac{NE}{4}$ Sec. 12 (R-7307, 6-14-83) Ext: $\frac{E}{2}$ Sec. 19, $\frac{NW}{4}$ Sec. 20 (R-11304, 1-12-00)

Ext: $\frac{N}{2}$ and $\frac{SE}{4}$ Sec. 5 (R-11475, 10-24-00)