Form 3160-5 (February 2005)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

OCD_I DEBS

FORM APPROVED OMB No 1004-0137 Expires March 31, 2007

	Expi		
Lease Serial	No.		
IM-14496			

SUMBOV		NM-14496					
SUNDRY Do not use this	6.	6. If Indian, Allottee or Tribe Name					
abandoned well.	an als.						
SUBM	7	7 If Unit of CA/Agreement, Name and/or No					
l Type of Well		,		S	and of the		
Oil Well Gas	8. 1 ir	Well Name and Nong Federal No. 4	V				
2 Name of Operator Fasken Oil and Ranch, Ltd.				API Well No -025-38748			
3a. Address 303 West Wall St , Suite 1800, Midland, TX 79	3b.	Phone No (include area c		10 Field and Pool or Exploratory Area			
	43:	2-687-1777	Qu	Quail Ridge; Atoka (Gas)			
4. Location of Well (Footage, Sec., T 1660' FSL & 2310' FEL, Sec. 31, T19s, R34E	,R ,M or Survey Description)			11 Country or Parish, State			
. 17 CUE	CV THE ADDRODULE			a, New Mexico			
TVDE OF CUID MONOY	CK THE APPROPRIATE BOX(E	S) TO INDICATE NATUR	RE OF NOTICE, R	EPORT OR OTHE	ER DATA		
TYPE OF SUBMISSION	<u> </u>	TY	YPE OF ACTION				
✓ Notice of Intent .	Acidize Alter Casing	Deepen	Production	n (Start/Resume)	Water Shut-Off		
Subsequent Report	Casing Repair	Fracture Treat New Construction	Reclamati		Well Integrity		
Subsequent Report	Change Plans	Plug and Abandon	Recomple		Other		
Final Abandonment Notice 13 Describe Proposed or Completed O the proposal is to deepen directions	Convert to Injection	✓ Plug Back	Water Disi	lly Abandon			
the proposal is to deepen directions. Attach the Bond under which the wifellowing completion of the involvitesting has been completed. Final determined that the site is ready for Fasken Oil and Ranch, Ltd. propose Please see attached procedure.	ed operations If the operation res Abandonment Notices must be file final inspection)	sults in a multiple completion of the completion	on or recompletion ts, including reclauding	ted subsequent repoil in a new interval, a mation, have been contact the Quail Ridge; A	rts must be filed within 3 a Form 3160-4 must be filed mus	0 days	
				<u>APPRO</u>	VED		
MAR 9 7 2009 HOBBSOCD MAR 2 8 2009 JAMES A. AMOS SUPERVISOR-EPS							
,		•					
14 I hereby certify that the foregoing is true Name (<i>Printed/Typed</i>) Kim Tyson	e and correct	Title Regulator	y Analyst				
Signature Kim Cysson Date 03/17/2009							
	THIS SPACE FOR	FEDERAL OR STA	TE OFFICE	USE			
Approved by					1 DD 1 7 O	AAA	
Conditions of approval, if any, are attached that the applicant holds legal or equitable title entitle the applicant to conduct operations the	e to those rights in the subject lease vereon	rrant or certify which would Office	Leum engi	Date		009	
Title 18 U.S C. Section 1001 and Title 43 U.S fictitious or fraudulent statements or representations.	S C Section 1212, make it a crime for tations as to any matter within its ju	or any person knowingly and	willfully to make to	o any department or	agency of the United States	any false,	

(Instructions on page 2)

Fasken Oil and Ranch, Ltd. Ling Federal No. 4 1660' FSL & 2310' FEL Sec 31, T19S R34E AFE 1625

OBJECTIVE:	Recomplete to Atoka
WELL DATA:	•
13-3/8" 54.5#K55&48# H40 casing:	Set at 1586.5' KB. Cmt w/600 sx "C" w/ 2% CaCl2 (13.5 ppg, 1.74 cuft/sx) + 400 sx "C" w/ 2% CaCl2 (14.8 ppg, 1/32 ft3/sx).
9-5/8" 40# HCK55&36#J55 csg:	Set at 5172.2' KB, DV @ 3480.66' KB, Cmt 1 st stage 400sx HLC (12.6ppg,2.013ft3/sx)+300sx "C" (14.8ppg, 1.32 cuft/sk). Circ 61 sx thru DV. 2 nd stage 1200sx HLC (12.6ppg,2.01ft3/sx)+300sx "C" (14.8ppg, 1.32 cuft/sk). 9-5/8" TOC surf, circ154sx
5-1/2" 17#&20# N-80:	Set at 13,569.67' KB, DV @ 10,662' KB, Cmt 1 st stage 270sx Econocem "H" Modified(11.9ppg,2.45cuft/sk) + 375 sx Super "H" Mod (13.2 ppg, 1.63 ft3/sx), Circ mudflush thru DV. Cmt 2 nd stage 860sx Halliburton Lite"H" (12.4 ppg, 2.03 ft3/sx) + 380sx Super "H" Modified (13.2 ppg, 1.63 ft3/sx). 5-1/2" TOC 3463' by Temp Marker jts (drlg tally). 11.87' @13,097.55', 11.50' @ 9208.42'
Packer:	2-3/8" WL re-entry guide, 15 jts- 2-3/8" EUE 8rd N-80 tubing, 5-1/2" Arrowset 10K packer at 12690' in 20 pts compression with TOSSD w/1.875" "X" profile nipple w/ EOT @ 13,140'. No packer fluid above the packer
Tubing:	2-3/8" EUE 8rd N-80.
Perfs:	Morrow 13190'-13216'.
TD:	13,577'
PBTD:	13,240' CIBP

- 1. RUPU. NDWH and NU BOP.
- 2. Release packer and let tubing and tubing/casing annulus equalize and POW with tubing. If necessary, send packer in to be redressed.
- 3. RUWL. RIW with 5-1/2" CIBP and set @ 13,100' correlated to Enertech's Perforating Depth Control Log w/ Gamma Ray/CCL dated December 2, 2008. Dump bail 35' of Class "H" cement on top. POW and RDWL.
- 4. RIW with 2-3/8" WL re-entry guide, 5-1/2" 1x10k Arrowset packer with 1.875" "X" profile nipple, TOSSD, and 2-3/8" tubing and set packer @ +/- 12,450'.
- 5. Release TOSSD and displace well with 10# brine water containing packer fluid. Latch TOSSD back onto packer.
- 6. ND BOP and NUWH, putting 20 pts of compression on packer.
- 7. RU swab and swab fluid level down to 10,000' FS (~5,700 psi underbalanced).
- 8. RUWL and full 10k lubricator. RIW with Gamma gun/CCL and 1-11/16" strip gun and perforate Atoka 1 JSPF, 0.25" EH, and 0° phased @ 12,516'-12,524' (9 holes). Correlate perforations to Enertech's Perforating Depth Control Log w/ Gamma Ray/CCL dated December 2, 2008. Make note of any changes in pressure after perforating. POW, make sure all shots fired, and RDWL.
- 9. After evaluating flow rate, place well on sales line.
- 10. RDPU and clean wellhead and location.

- 11. If further stimulation is necessary, RU stimulation company and 10k tree saver. Pressure tubing/casing annulus to 1,500 psi and monitor throughout job. Acidize Atoka perforations with 10,000 scf N_2 pad, 1,000 gallons of 7-1/2% NEFE HCI containing 3 gpt Ferrotrol 280L, 2 gpt CI-25, 1 gpt Acigel, 1 gpt Inflo-150, 1 gpt NE-940 (or similar additives) and 750/bbl scf of N_2 . Flush with 2% KCI water containing 750/bbl scf N_2 . Record instantaneous, 5", 10", and 15" shut-in pressures. Max pressure = 8,900 psi.
- 12. Swab and flowback well to establish natural flow. Place well on sales.
- 13. Report rates on daily drilling report.

CWB/csl 3-10-09 1-8-09 RECEIVED

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

State of New Mexico

Form C-102, Revised October 12, 2005

District II

MAR 3 1 Engly, Minerals & Natural Resources Department QIL CONSERVATION DIVISION

Submit to Appropriate District Office

1301 W. Grand Avenue, Artesia, NM 882 District III

State Lease - 4 Copies

1000 Rio Brazos Rd., Aztec, NM 87410

Fee Lease - 3 Copies

District IV

1220 South St. Francis Dr. Santa Fe, NM 87505

1220 S. St. Francis	Dr., Santa F	e, NM 87505						L A	MENDED R	EPORT
		\	ELL LC	CATIO	N AND ACR	REAGE DEDIC	ATION PLA	AΤ		
30-025	API Number - 38748	r		² Pool Code 96485		Quail Ridge	³ Pool Na	ame	/	
'Property (18167				L	Property ing Federa				⁶ Well Numbe	r /
'OGRID! 151416	No.	F	asken (Oil and	Operator Ranch, L	Name td. /		30	*Elevation 623 GL	
					10 Surface	Location		'		
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West	line	County
J	31	19S	34E		1660'	South	2310'	East	Lea	·
11 Bottom Hole Location If Different From Surface										
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the		Feet from the	East/West	line	County
Dedicated Acres	Joint or	· Infill "Co	onsolidation C	Code 15 Orc	ler No.	<u>1</u>				

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.

	 	
•#5	· • · #3	17 OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief and that this organization either owns a working interest or infleased numeral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a numeral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore emered by the division
•#6	●#1	Rum 2ynom 3-17-09 Signature Date Kim Tyson Printed Name
• #2	● #4	¹⁸ 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
		Date of Survey Signature and Seal of Professional Surveyor Certificate Number