Form 3160-5 (February 2005)

(Instructions on page 2).

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

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CCD-HOBBS

FORM APPROVED

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	Expires	Ma	rch	31,	200

abandoned well.	Use Form 3160-3 (APD) for such proposals
Do not use this	form for proposals to drill or to re-enter an
	NOTICES AND REPORTS ON WELLS

5 Lease Serial No. NM 14496 6. If Indian, Allottee or Tribe Name

	form for proposals : Use Form 3160-3 (A			5.			
SUBMIT IN TRIPLICATE - Other instructions on page 2.			7. If Unit of CA/Agreement, Name and/or No.				
1 Type of Well							
Oil Well Gas V	Vell Other				8. Well Name and No. Ling Federal No. 3	/	
Name of Operator Fasken Oil and Ranch, Ltd.	/				9. API Well No 30-025-38608		_
3a Address		3b. Phone No	(ınclude area cod	(e)	10 Field and Pool or E	xploratory Area	
303 W Wall Ave, Suite 1800 Midland, TX 79701	03 W Wall Ave, Suite 1800 fidland, TX 79701		1		Apache Ridge; Bone Spring		
4 Location of Well (Footage, Sec., T.,	R., M, or Survey Description)			11 Country or Parish,	State	
660' FNL, 1980' FEL, Sec 31, T19S, R34E	Uni+B				Lea, N. M.		
12 CHEC	CK THE APPROPRIATE BO	X(ES) TO INDI	CATE NATURE	OF NOTIC	E, REPORT OR OTHE	R DATA	
TYPE OF SUBMISSION			TYP	E OF ACTI	ON		
Notice of Intent	Acidize	Deepe	n	✓ Produ	ction (Start/Resume)	Water Shut-Off	
	Alter Casing	√ Fractu	re Treat	Recla	mation	Well Integrity	
	Casing Repair	New (Construction	Recor	nnlete	Other	
Subsequent Report	Change Plans	=	nd Abandon		orarily Abandon	Other	
Final Abandonment Notice	Convert to Injection	Plug F			Disposal		
following completion of the involve testing has been completed. Final determined that the site is ready for 3/08-3/09/08. RIW w/ tubing and tate DV tool 10 times w/ no drag. Pressured circulated well clean. RU acid publing to 9600' and spotted 500 gals 8 gal/M Acetic Anhydride Blend and GR/CCL log from PBTD @ 10472' to follows: @ 9590'- 9595' w/ 1 JSPF 9396' w/ 1 JSPF (3h), @ 9402' – 94 2% KCL w/ clay stabilizer and pressured.	Abandonment Notices must r final inspection) gged cement at 8320'. Ruured tested casing and Divoump and pickled tubing was 7-1/2% Hcl acid w/ 2 gallid 135 bbls 2% KCL w/ clay: to 5000'. RIW w/ 3-1/8" ex (6h), @ 9428' – 9435' w/ 06' w/ 1 JSPF (5h) Total of the final inspection of the second statement of the second sta	J swivel and dri / tool to 2000 ps // 500 gals 15% / clay stabilizer, stabilizer and R pandable slick 2 JSPF (14h), of 48 holes. All	r all requirements. Illed cement and si for 20" w/ no p Hcl acid and cir , 4 gal/M LT-32 D acid pump. P casing gun, 60 d @ 9371' – 9376 shots fired and	DV tool at pressure lost culated we surfactant, POW w/ tub	8356' in 30". Worke ss. Bled off pressure all w/ 215 bbls 2% Kcl 1 gal/M I-22 organic ing and LD drill collar sed, 0.40" EH and pe F (6h), @ 9381' – 93 I RU pump truck on 5 Displaced acid w/ 20	ed bit and csg scraper through and RIW w/ tubing w/ bit at wtr w/ clay stabilizer. POW inhibitor, 7 gal/M Ferrotrol 3 s and bit. RUWL and ranger forated 1st Bone Spring as 388' w/ 2 JSPF (14h), @ 931-1/2 casing and loaded w/ 1	gh 9914' / w/ 300L, 94' – 7 bbls d not
See Attachmen	nt.				AUGER	IED FUR REGU	עאי
N _e		4	APR 2.9 201	na			
Subm. + Comple 14 I hereby certify that the foregoing is to Name (Printed/Typed) Gloria Holcomb	Him Report		BBS Title Engineerin	OC and Tech	Hamilton Land	APR 2 6 2008 J.Amor	
			Title Engineerin	19 10011.	BUREAU	OF LAND MANAGEMEN	T
Signature Aloua 7	tolcomb		Date 04/16/200	8	<u> </u>	LSBAD FIELD OFFICE	<u>``</u>
	THIS SPACE	FOR FEDER	RAL OR STA	TE OFF	CE USE		
Approved by Conditions of approval, if any, are attached that the applicant holds lead as equitable to	Approval of this notice does	not warrant or cer	PETROLEUM	I ENGIN	EER DE	ate	
that the applicant holds legal or equitable ti entitle the applicant to conduct operations t	hereon						
Title 18 U S C Section 1001 and Title 43 I fictitious or fraudulent statements or repres	JSC Section 1212, make it a sentations as to any matter with	crime for any per	son knowingly and	willfully to	make to any department	or agency of the United States an	ıy false,

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3/11-3/15/08 RIW w/ mechanical collar locator, 5-1/2" PPI packer w/ 10' spacing, 2-3/8" seating nipple and tubing to 9200' and dropped isolation bar and tested packer to 3500 psi in blank casing for 10" w/ no pressure loss. Bled off pressure, opened bypass and spotted 1500 gals 7-1/2 % Hcl acid w 2 gal/M Clay Master 5-C, 4 gals/M LT-32 surfactant, 1 gal/M I-22 organic inhibitor, 7 gals/M Ferrotrol 300L, 8 gals/M Acetic Anhydride Blend to end of tubing. RIW w/ packer to 9588'-98', straddling perfs @ 9590'-95' and broke down 1st Bone Springs perfs as follows: Packer setting: 9588'-98', perfs: 9550'-95. Displaced acid w/ 6 bbls 2% Kcl @ 3 bpm w/ 0 psi and ISIP- 0 psi. Packer setting: 9426'-36', perfs: 9428'-35'. Displaced acid w/8 bbls 2% Kcl @ 3 bpm w/ 0 psi and ISIP- 0 psi. Packer setting, 9399'-9409', perfs. 9402'-06'. Displaced acid. w/ 5 bbls 2% Kcl @ 3 bpm w/ 0 psi and ISIP- 0 psi. Packer setting: 9390'-9400', perfs: 9394'-96'. Displaced acid w/ 3 bbls 2% Kcl @ 3 bpm w/ 0 psi and ISIP- 0 psi. Packer setting: 9380'-90'. perfs: 9381'-88'. Displaced acid w/ 8 bbls 2% KCL @ 3 bpm w/ 0 psi and ISIP- 0 psi. Packer setting: 9369'-79', perfs. 9371'-76'. Displaced acid w/ 6 bbls 2% KCL @ 3 bpm w/ 0 psi and ISIP-0 psi. All flush was w/ 2% KCL w/ 1 gpt Clay Master 5-C. Pulled packer to 9200' and reversed 5 bbls 2% Kcl into tubing and fished isolation bar and started swabbing. Released packer and POW w/ tubing and 5-1/2" PPI packer RUWL and ran temperature survey and GR log from 9000' to 9800' and POW w/ and RDWL. RIW w/ 5-1/2" RBP, 5-1/2. packer, 2-3/8" seating nipple and 160 jts 2-3/8 N-80 tubing and left RBP swinging at @ 5060'. RIW w/ tubing and set 5-1/2" RBP at 9631' and POW w/ 2 jts and set 5-1/2" packer at 9559' w/ 15K compression and started swabbing. Released packer and RIW w/ tubing and retrieved and released RBP at 9631'. POW w/ tubing and reset RBP at 9567' and tested to 1000 psi for 10" w/ no pressure loss. Released packer and POW w/ tubing and reset packer w/ 15K compression at 9410'. Swab tested perfs from 9428'-9435'. Released packer and RIW with tubing, retrieved and released RBP at 9567'. RIW with tubing and set RBP at 9728' and POW and set packer in 15K compression at 9439'. RUWL and pump truck and ran RA tracer survey with 120 bbls 3% Kcl water and clay stabilizer and found fluid channeling from perfs @ 9590'-95' behind pipe up to 9540'. POW and RDWL and pump truck.

3/18-3/21/08 Released packer and RIW w/ tubing, retrieved and released RBP at 9728' and POW w/ tubing and set RBP at 9413'. RU pump truck and pressured to 1000 psi and would not hold, repacked elements and pressured w/ same results. Retrieved and released RBP and reset RBP at 9340' and set packer 9335' and tested to 1500 psi for 10" w/ no pressure loss. Bled off pressure retrieved RBP and RIW w/ tubing and set RBP at 9419' and packer at 9415' and tested RBP to 1500 psi for 15" w/ no pressure loss and bled off pressure and POW and set packer at 9340' w/ 18K compression. RU acid pump and loaded tbg/csg annulus w/ 59 bbls 2% KCL w/ 1 apt clay stabilizer and pressured to 680 psi and monitored during acid job and tied onto tubing and pumped 37 bbls 2% Kcl w/ clay stabilizer and broke down perforations at 2980 psi and established injection rate of 3.4 bpm at 3000 psi. Acidized well w/ 1000 gals 7-1/2% HCL acid containing 2 gal CS-35 Clay control, 4 gal NE-16 non emulsifier, 1 gal I-40 organic inhibitor, 7 gal FE-24 iron control, 8 gal Acetic Anhydride blend and 1 gal I-18 corrosion inhibitor and dropped 56-1.3 sg bio balls for diversion- 8 balls in every 3 bbls acid. Avg rate 2.5 - 3 5 bpm and 2920 -3270 psi. Flushed w/ 38 bbls 2% KCL w/ clay stabilizer w/ avg rate 2 6 - 3 1 bpm and 2740 -3030 psi. ISIP - 2020 psi; 5"-1920 psi, 10"- 1780 psi; 15"- 1620 psi. No ball action. 62 BLTR. SITP- 650 psi 45 min after obtaining SI pressures. Swabbed. Released packer and RIW w/ tubing, retrieved and released RBP at 9419'. POW w/ tubing and LD packer and RBP. RUWL and RIW w/ 5-1/2" 17# CIBP and set at 9580' and POW and RDWL. RIW w/ 5-1/2" RBP, 5-1/2" packer, 2-3/8" seating nipple and tubing to 9559' and set packer w/ 18K compression and RU pump truck and loaded w/ 21 bbls 3% KCL containing clay stabilizer and tested CIBP to 1500 psi for 15" w/ no pressure loss. Bled off pressure and released packer and POW w/ tubing to 9420' and set RBP and set packer at 9415' and loaded w/ 20 bbls 3% KCL containing clay stabilizer and tested RBP to 1500 psi for 15" w/ no pressure loss. Bled off pressure and released packer and POW w/ 20 its and dumped 1 sk sand while pumping 3% KCL down tubing and POW w/ tubing, packer and retrieving head. ND BOP, installed frac sleeve in WH and tested ok and NU frac valve and goat head.

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3/23/08 RU BJ Services and frac'd Bone Spring perfs 9371'-9406' total 28 holes. Tested lines to 8000 psi, opened frac valve w/ SITP 0 psi Frac'd via 5-1/2" casing with 6000 gal 30# linear gel prepad, 5000 gal Medallion 3000 pad, and 22,500 gal Medallion 3000 with 55,000 lbs Econoprop 20/40 and 15000 lbs Siberprop resin coated 16 /30 sand. Well loaded after 74 bbls (fluid level 3190' from surface, 143 bbls 2% Kcl water ahead of prepad). ISDP- 2520 psi, 5" 2409 psi, 10" 2369 psi, 15" 2338 psi, 80 " 2058 psi (no closure evident). Avg treating pressure 2640 psi @ 29.2 bpm, maximum treating pressure 3056 psi, minimum treating pressure 1327 psi (load up). Geoco tagged sand laden fluid with 50 mg iridium 192. Flowed back well to pit.

3/25-3/26/08 ND goat head and frac valve and removed frac sleeve and NU BOP. RIW w/ retrieving tool, 2-3/8" SN and tubing and tagged sand fill at 9406'. RU pump truck and circulated and washed sand to RBP at 9420' w/ 245 bbls 2% Kcl wtr w/ clay stabilizer and retrieved and released RBP. POW w/ tubing and LD RBP. RUWL and RIW w/ after frac GR/CCL log and tagged sand fill at 9442' and ran log from 9442' to 9100' and found frac went into perfs at 9371'-9406'. POW w/ and RDWL. RIW w/ 2-3/8" notched collar, 2-3/8 SN and 10 jts tubing.

3/29-3/30/08 Finished RIW w/ tbg and tagged sand fill at 9563'. RU pump truck and washed sand to top of CIBP at 9580' and circulated well clean w/ 210 bbls 2% Kcl w/ clay stabilizer. POW and LD tbg, SN and notched collar. RIW w/ 2-3/8" EUE 8rd N-80 production tbg & set @ 9340.71'. ND BOP, set TAC w/ 16K tension, installed wrap around and NUWH.

4/01-4/03/08 Swab. RD swab equipment. Picked up and RIW w/ pump and rods to 9300.20'. RDPU and cleaned location. Installed 640 pumping unit.