Form 3160-5 (February 2005)

## **UNITED STATES**

### DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

SUNDRY NOTICES AND REPORTS ON WELLS

OMB NO 1004-0137	OMD N. 1004 0127
	OMB No 1004-0137

	CIVID	100	T-0	"
	Expires	March	31,	20
se Serial No.				

5. Lease Ser NM 14496

#### 6. If Indian, Allottee or Tribe Name

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.							
SUBMI	T IN TRIPLICATE – Other	r instructions on	page 2.		7 If Unit of CA/Agree	ement, Name and/or No.	
1 Type of Well  ✓ Oil Well  Gas Well  Other					8 Well Name and No. Ling Federal No. 1		
2 Name of Operator Fasken Oil and Ranch, Ltd.			9 API Well No 30-025-28064				
3a. Address 303 West Wall, Suite 1800 Midland, TX 79701 3b. Phone No (432) 687-17			include area cod	2)	10 Field and Pool or Exploratory Area Bone Spring		
4. Location of Well (Footage, Sec., T., 1980' FNL, 1980' FEL, Sec. 31, T198, R34E	R.,M, or Survey Description	)			11 Country or Parish, State Lea, NM		
12 CHEC	CK THE APPROPRIATE BO	DX(ES) TO INDI	CATE NATURE	OF NOTIO	CE, REPORT OR OTH	ER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION						
✓ Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair Change Plans	New C	n re Treat onstruction nd Abandon	Reco	uction (Start/Resume)		
Final Abandonment Notice	Convert to Injection	Plug B		_	r Disposal		
determined that the site is ready for the recent attempt to recomplete the temporarily abandon this wellbore p. No. 3 is currently being processed to should either of these wells be succeed. Please see the attached procedure	ne subject well into the Bor pendind the drilling of the L by the BLM and the No. 4 in cessful, the Ling Federal No. and well bore schematics.	ing Federal No. is staked and the	3 (Bone Spring e APD being pre	test) and epared.	produced water		
14 I hereby certify that the foregoing is t Name (Printed/Typed) Jimmy D. Carlile	rue and correct .		Title Regulatory Affairs Coordinator				
Signature Sterring 1	Signature Slewing Carlie Date 09/24/2007						
V	THIS SPACE	FOR FEDER	RAL OR STA	TE OF	FICE USE		
Approved by /S/ DAV	VID R. GLA	SS	PETF	ROLEUN	MENGINEER	SEP 2 8 2007	
that the applicant holds legal or equitable t	onditions of approval, if any, are attached. Approval of this notice does not warrant or certify at the applicant holds legal or equitable title to those rights in the subject lease which would office.  SEE ATTACHED FOR  Ittle 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and wall of the properties of the United State cutious or fraudulent statements or representations as to any matter within its jurisdiction.						
Title 18 U S C Section 1001 and Title 43 fictitious or fraudulent statements or repre	USC Section 1212, make it a esentations as to any matter wit	crime for any per	son knowingly and	whitely	olmake job any departuries	Up any of the United States any false,	

fictitious or fraudulent statements or representations as to any matter within its jurisdiction

#### Temporary Abandonment Procedure Ling Federal No. 1 1980' FNL, 1980' FEL, Sec 31, T19S, R34E Lea County, NM AFE 1301

Objective: 2nd attempt to block squeeze and recomplete to 1st Bone Spring

API: 30-025-28064 KB: 22' above GL

Completed March 30, 1983

TD: 13,690'

PBTD: 9450' Cmt Retainer and CIBP 12200' w/35' cmt (Sep 30, 2000)

13-3/8" @ 400' KB w/450 sx circ 191 sx.

9-5/8" 36 & 40#/ft @ 5221'KB w/2600 sx circ 892 sx.

5-1/2": 17 & 20#/ft (bottom 3841') N-80 @ 13,690' DV @ 9367' 1st stg 325 sx HLW "H"+ 300 sx "H", 2nd stg w/ 1100 sx HLW "C" + 200 sx "C". TOC 3920' by Temp. TOC below DV 11,320' by CBL (Jan, '96)

Tubing: 2-3/8" perf sub (3.90'), 2-3/8" x 1.450" ID mechanical SN (0.45'), 2-3/8" x 2-7/8" x-over collar (0.45'), 7 jts - 2-7/8" 6.50# N-80 EUE 8rd tbg (220 54'), 2-7/8" x 5-1/2" TAC (40K shear) (2 80'), 304 jts - 2-7/8" 6.50# N-80 EUE 8rd tbg (9450.93'), EOT 9719.52'

Rods: 2" x 1-1/4" x 20' x 24' RHBM Insert pump #APL-840 (24.00'), 16 - 1-1/2" Grade C Flexbars (400 00'), 216 - 3/4" Norris Type 97 sucker rods (5400.00'), 152 - 7/8" Norris Type 97 sucker rods (3800 00'), 3 subs - 7/8" x 8'x6'x4'Norris Type 97 rod sub (18 00), 1 - 1-1/4" x 26' PR w/ 1-1/2" x 14' PRL (26.00')

Perfs: Bone Spring: 9500' (4 sqz hls), 9587'-93' (6h), 9638'-44' (6h), 9800' (4 sqz hls)

Workover July 2007 to resqueeze Bone Spring and complete unsuccessful.

FISH 6-24-07 Cmt Retainer w/7 jts (203.35') 2-3/8" 8rd fiberglass tailpipe fell to bottom, Est top of fish +/-11,960'. Ran bit and scraper to 10,000' 6-26-07 did not tag "confirming fish fell to bottom".

Strawn abandoned: 12,229-12,240 (23 holes).

Morrow abandoned: 13190'-13522' (162 holes) overall

- 1. RUPU. POW laying down rods and pump.
- 2. NDWH. Install BOP.
- 3. Release TAC, POW with 304 jts 2-7/8" EUE 8rd N-80 tbg, TAC, 7 jts 2-7/8" EUE 8rd N-80 tbg, X-over collar, 2-3/8"x1.45" ID mechanical SN, 2-3/8" PS, 2 jt 2-7/8" MA, BP.
- 4. RU wireline company. Run gauge ring to 9450'. Run and set 5-1/2" 17# 10k CIBP at 9450' dumping 35' of Class "H" cement on top for PBTD 9415'.
- 5. RIW with 2-7/8" EUE 8rd N-80 tubing open ended to PBTD 11365'. Circulate casing with 225 bbls 2% Kcl water containing packer fluid.
- 6. ND BOP. NU wellhead. Rig up pump truck with chart recorder. Run MIT test on casing to 500 psi for 30 minutes.
- 7. RDPU.

cwb 9-14-07

(LingFed1 afe1301 TA pro cwb 9-14-07.doc)

#### Ling Federal No. 1

Current as of 7-12-07 GL: 3629.61 Operator: Fasken Oil and Ranch, Ltd. KB. 3652' Location: 1980' FNL and 1980' FEL Sec 31, T19S, R34E Lea County, NM Compl.: 3/23/1983 released rig API #: 30-025-28064 TD: 13.690' PBTD: 12165' (CIBP 12200'w/35'cmt) 13-3/8" 48# H-40 @ 408 46' TOC Surf, circ 19sx Casing: 13-3/8" 48# H-40 @ 408 46' w/300sxHLW w/2%CaCl2 (12 7ppg, 1 32 cuft/sk) Plus 150sx "C" w/2%CaCi2 (14.8ppg, 1.32 cuft/sk) TOC 5-12"X 9-5/8" annulus 3920' TOC Surf, circ 19sx 9-5/8" 36&40# K-55 @ 5221 06' KB w/2300sxHalliburton Light w/15#salt (11.8ppg, 2.05 cuft/sk) Plus 300sx "C" w/2%CaCi2 (14.8ppg, 1 32 cuft/sk) 9-5/8" 36&40# K-55 @ 5221 06' KB TOC Surf, circ 892sx TOC Surf, circ 892sx 5-1/2" 17&20# N-80 @ 13,690' 325sx HLW "H" w/5#salt (12 4pg, 1.97cuft/sk) +300sx "H" (15.6ppg, 1 22 cuft/sk) DV: 9367 Dd not circ cmt thru DV 2nd stg 1100 sx HLW "C" w/5#salt (12.4ppg,1.97cuftsk) + 200 sx "C" (14 1ppg, 1.51cuft/sk) 2nd stg 1100 sx BJ Lite "C" TOC: TOC below DV 11230' by CBL TOC 5-12"X 9-5/8" annulus 3920' DV: 9367' Tubing and Rod (detail below): 2-7/8" @ 9719.52' 9500' (4 sqz hls, 10/7/1997) Fish 5-1/2"CR+7<sub>I</sub>t(203.35') 2-3/8" fbrgIs tbg 9587'-93' Sqzd 6/27/07 Perfs Bone Spring 9500' (4 sqz hls,10/7/199 Resqzd 6/27/07 9608'-31' (23h, 7/3/07) 9587'-93' (6h, 10/14/19973' Sqzd 6/27/07 9638'-44' Sqzd 6/27/07 9608'-31' (23h, 7/3/07) 9800' (4 sqz hls) 9638'-44' (6h, 10/14/19974' Sqzd 6/27/07 9800' (4 sqz hls) 4spf sqz holes TOC below DV 11230' by CBL CIBP 12200' w/35' cmt Strawn 12229'-40' (11h) 1/6/1996 **FISH** 5-1/2"CR+7<sub>i</sub>t(203.35') 2-3/8" fbrgls tbg CIBP 13100' w/35' cmt 1/4/1996 , 23. E-3; Morrow 13190'-223' (66h) (4/23/87,11/9/87) CIBP 12200' w/35' cmt 13246'-48' (12/3/83,10/22/87) Strawn 12229'-40' (11h) 13250'-71' (54h) (12/3/83,2/3/84,10/22/87) 13321'-25' (4h) (5/12/88)13328'-45' (17h) (5/12/88)CIBP 13100' w/35' cmt 13373'-80' (7h) (5/12/88)Morrow 13190'-13280' **CIBP** 13397'-405' (8'cmt) (1/21/84)CIBP 13397'-405' (8'cmt) CIBP 13424'-440' (16'cmt) (12/9/83)CIBP 13424'-440' (16'cmt) Pkr 13454'-13473' (w/18'cmt) (3/29/83)Pkr 13454'-13473' (w/18'cmt) 13514'-22' (8h) (3/31/83)13514'-22' (8h) 5-1/2" 17&20# N-80 @ 13,690' Hole Sizes 17-1/2" 408' 12-1/4" 400'-5222' 13,690 8-3/4" 13.690'

> cwb 7-12-07 LingFed1 wb diagram curr xls

#### Ling Federal No. 1

#### **PROPOSED** GL 3629 6' Operator: Fasken Oil and Ranch, Ltd. KB- 3652' Location: 1980' FNL and 1980' FEL Sec 31, T19S, R34E Lea County, NM Compl: 3/23/1983 released rig API#: 30-025-28064 TD: 13,690' PBTD: 12165' (CIBP 12200'w/35'cmt) 13-3/8" 48# H-40 @ 408 46' TOC Surf, circ 19sx Casing: 13-3/8" 48# H-40 @ 408.46' w/300sxHLW w/2%CaCl2 (12 7ppg, 1.32 cuft/sk) Plus 150sx "C" w/2%CaCl2 (14 8ppg, 1.32 cuft/sk) TOC 5-12"X 9-5/8" annulus 3920' TOC Surf, circ 19sx 9-5/8" 36&40# K-55 @ 5221.06' KB w/2300sxHalliburton Light w/15#salt (11.8ppg, 2.05 cuft/sk) Plus 300sx "C" w/2%CaCl2 (14 8ppg, 1.32 cuft/sk) 9-5/8" 36&40# K-55 @ 5221.06' KB TOC Surf, circ 892sx TOC Surf, circ 892sx 5-1/2" 17&20# N-80 @ 13,690' 325sx HLW "H" w/5#salt (12 4pg, 1.97cuft/sk) +300sx "H" (15 6ppg, 1.22 cuft/sk) DV: Dd not circ cmt thru DV 2nd stg 1100 sx HLW "C" w/5#salt (12 4ppg,1.97cuftsk) + 200 sx "C" (14 1ppg, 1 51cuft/sk) 2nd stg 1100 sx BJ Lite "C" TOC: TOC below DV 11230' by CBL TOC 5-12"X 9-5/8" annulus 3920' DV: 9367' Proposed CIBP @ 9450' w/35' cmt Propose( CIBP @ 9450' w/35' cmt Fish 5-1/2"CR+7jt(203.35') 2-3/8" fbrgis tbg 9500' (4 sqz hls, 10/7/1997) Perfs Bone Spring 9500' (4 sqz hls,10/7/199' Resqzd 6/27/07 9587'-93' Sqzd 6/27/07 9587'-93' (6h, 10/14/19973' Sqzd 6/27/07 9608'-31' (23h, 7/3/07) 9608'-31' (23h, 7/3/07) 9638'-44' Sqzd 6/27/07 9638'-44' (6h, 10/14/19974' Sqzd 6/27/07 9800' (4 sqz hls) 9800' (4 sqz hls) 4spf sqz holes TOC below DV 11230' by CBL CIBP 12200' w/35' cmt **FISH** Strawn 12229'-40' (11h) 1/6/1996 5-1/2"CR+7jt(203.35') 2-3/8" fbrgls tbg **CIBP** 13100' w/35' cmt 1/4/1996 Morrow 13190'-223' (66h) (4/23/87,11/9/87) 12200' w/35' cmt 13246'-48' (12/3/83,10/22/87) Strawn 12229'-40' (11h) 13250'-71' (54h) (12/3/83,2/3/84,10/22/87) 13321'-25' (4h) (5/12/88)13328'-45' (17h) (5/12/88)CIBP 13100' w/35' cmt 13373'-80' (7h) (5/12/88)Morrow 13190'-13280' CIBP 13397'-405' (8'cmt) CIBP 13397'-405' (8'cmt) (1/21/84)CIBP 13424'-440' (16'cmt) (12/9/83)CIBP 13424'-440' (16'cmt) Pkr 13454'-13473' (w/18'cmt) (3/29/83)13454'-13473' (w/18'cmt) 13514'-22' (8h) (3/31/83)13514'-22' (8h) 5-1/2" 17&20# N-80 @ 13,690' Hole Sizes 17-1/2" 408' 12-1/4" 400'-5222' 8-3/4" 13,690'

# BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220-6292 (505) 234-5972

#### Temporary Abandonment of Wells on Federal Lands Conditions of Approval

A temporary abandoned well is defined as a completion that is not capable of production in paying quantities but may have value as a service well. Pursuant to 43 CFR 3162.3-4(c), no well may be temporarily abandoned for more than 30 days without the prior approval of the authorized officer.

Temporary Abandonment (TA) status approval requires a successful casing integrity test as follows:

- 1. A Notice of Intent (NOI) Sundry Notice (Form 3160-5) requesting approval to run a mechanical integrity test (MIT) or casing integrity test (CIT).
- 2. A description of the temporary abandonment procedure.
- A. A bridge plug or packer must be installed as close to 50 feet above any open perforations or open hole as possible. If a cement plug is used, the top of the cement must be verified by tagging.
- B. The wellbore must be filled with corrosion inhibited fluid and pressure tested to 500 psi. The casing shall be capable of holding this pressure for at least 30 minutes with a 10% allowable leakoff.
- C. All downhole production/injection equipment (tubing, rods, etc.) shall be removed from the casing if they are not isolated by a packer.
- D. A bradenhead test must be conducted. If the test indicates a problem exists, a remedial plan and time frame for remediation shall be submitted within ninety (90) days of the test.
- E. Contact the appropriate BLM office at least 24 hours prior to the scheduled Casing Integrity Test. For wells in Chaves and Roosevelt County, call (505) 234-5972; Lea county (505) 393-3612.

Wells that successfully pass the casing integrity test will be approved for Temporary Abandonment (TA) status for a 12 month period provided by the operator.

- 1. Submits a subsequent Sundry Notice (Form 3160-5) requesting TA approval.
- 2. Attaches a clear copy of the original pressure test chart.
- 3. Provided justification why the well should be temporarily abandoned rather than permanently plugged and abandoned and an estimated date that the well will be returned to beneficial use or plugged and abandoned.
- 4. Describes the temporary abandonment procedure.

The TA status could be extended without another casing integrity test provided there was no leak-off during the test and the test was witnesses by a BLM representative.

If the well does not pass the casing integrity test, then the operator shall within 30 days submit to BLM for approval one of the following:

1. A procedure to repair the casing so that a TA approval can be granted.

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2. A procedure to plug and abandon the well.

Ref: IM: NM-95-022 (12/16/1994)