

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. 30-015-32854
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: Howell State Com
8. Well No. 2
9. Pool name or Wildcat Cemetery Wolfcamp/Cemetery 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 ☐ OCT 02 2007

2. Name of Operator  
Fasken Oil and Ranch, Ltd. OCD-ARTESIA

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

4. Well Location  
Unit Letter I: 1810 feet from the south line and 660 feet from the east line  
Section 32 Township 20S Range 25E NMPM County Eddy

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 checked="" 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: Spud, set surface 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. proposes to downhole commingle the Cemetery Wolfcamp and the Cemetery Morrow in the Howell State Com No. 2 well. The proposed procedure to complete is attached.

Downhole commingle authority has been received from the NMOCDC under Administrative Order DHC-3356.

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 7/15/03  
Type or print name Jimmy D. Carlile Telephone No. (432) 687-1777  
(This space for State use)

APPROVED BY FOR RECORDS ONLY TITLE  DATE OCT 02 2007  
Conditions of approval, if any:

**Howell State Com No. 2**  
**1810' FSL & 660' FEL**  
**Sec 32, T20S R25E**  
**AFE 887**

<b>OBJECTIVE:</b>	<b>Downhole commingle Wolfcamp and Morrow</b>
<b>WELL DATA:</b>	
API Number:	30-015-32854
13-3/8" 48#/ft H-40 ST&C casing:	Set at 399.77' KB Cmt w/400 sx. Circ 150 sx to surf.
9-5/8" 36.0#/ft K-55 LT&C casing:	Set at 3013.41' KB, Cmt w/ 600 sx "C" w/4% gel+200 sx "C" w/2% CaCl <sub>2</sub> , circ 130 sx to surf.
5-1/2" 17# N-80 LT&C casing:	Set at 9,799.25' Cmt w/ 1200 sx Super C Modified. TOC 2100' by temp survey. Marker jts 7.73' @ 9,482.98'; 14.97' @ 8,978.93', 7.73' @ 8745.89'
Perfs:	Morrow – 9403'-08', 9518'-28', 9561'-66', 9630'-35', 9696'-99' Wolfcamp – 7241'-43', 7251', 7253'-54', 7264', 66', 7268'-69', 7279', 7283'-85', 7294'
Tubing:	224- jts 2-3/8" EUE 8rd N-80 tubing (7112.49'). Tubing seat 7135.83' KB.
Top Packer:	@ 7127.69' KB. 5-1/2"x2-3/8" Arrowset 1x 10k w/TOSSD w/1.875" "F" FH profile, 2-3/8" wireline entry guide.
Bottom Packer:	@ 9350'. 5-1/2"x2-3/8" Arrowset 1 10k w/TOSSD w/ 1.78" "F" profile blanking plug, 2-3/8"x10' EUE 8rd N-80 sub, 2-3/8" burst disc, 2-3/8" wireline entry guide. TS @ 9370'.
TD:	9,787'
PBTD:	9,753.97' (Float Collar), Casing full of 3% KCL water
Wolfcamp zone pressure 10-12-04: 1440 psi, PBU analysis.	
Morrow zone pressure 10-12-04: 2000 psi, estimated by material balance.	

1. RU slickline lubricator.
2. Run 1.875" "F" FH profile plug to packer at 7128'. Blow down tubing pressure.
3. RD slickline.
4. RUPU. Pump 28 bbls 3% KCL water down tubing.
5. NDWH. Install BOP and set test tank.
6. Release TOSSD from upper Arrowset 1X 10k packer at 7128' and POW 1-2 feet.
7. Swab 75 bbls of packer fluid to +/-3500 feet from surface. Leaves about 1600 psi on the Wolfcamp zone using 0.438 psi/ft 3% kcl water gradient.
8. Rengage TOSSD, release packer and POW with 224 jts 2-3/8" EUE 8rd N-80 tubing, packer, and WL entry guide.
9. RIW w/ TOSSD, 2-3/8"x10' EUE 8rd N-80 tubing sub, Type XO 1.875" ID (open by jarring up) sliding sleeve (in closed position), and 2-3/8" 4.7#/ft EUE 8rd N-80 tubing and engage lower packer at 9350'.
10. Sub out with 2-3/8" EUE 8rd N-80 tubing landing in 15 points compression.

11. ND BOP, NUWH.
12. RU slickline lubricator. RIW and retrieve 1.78" "F" blanking plug from packer at 9350'.  
Note: fluid level should be about 3500' from surface, 5850' above packer or +/-2560 psi assuming 0.438 psi/ft 3% KCL water gradient. Morrow zone pressure estimate 2000 psi minimum to 3000 psi maximum.
13. RIW with 1.78" check valve and seat in packer at 9350'. RD slickline.
14. Swab and flow back load water.
15. Flow to pit until gas will burn.
16. Return the Morrow zone to sales.
17. RDPU.

**Add Wolfcamp after sufficient time for Morrow production to stabilize.**

18. Load tubing with 22 bbls of 3% KCL water containing 0.5 gpt ClayMaster 5C. This will be approximately the same fluid level (5850') as behind the tubing.
19. RU slickline lubricator.
20. Run Type B opening tool and open sliding sleeve to commingle Wolfcamp and Morrow zones.
21. RD slickline.
22. RU swab unit and swab tubing and casing volume down until the Wolfcamp zone will flow.
23. Return well to sales with Wolfcamp and Morrow commingled downhole.

CWB/cb

10-22-04; rev. 10-25-04

(HowStCom2 afe887 prorev10-25-04.doc)