

District I  
1625 N French Dr, Hobbs, NM 88240  
District II  
1301 W Grand Avenue, Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S St Francis Dr, Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

**RECEIVED**  
FEB 22 2010  
NMOCD ARTESIA

Form C-101  
June 16, 2008

Submit to appropriate District Office

AMENDED REPORT

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

<sup>1</sup> Operator Name and Address Fasken Oil and Ranch, Ltd. 303 W. Wall St., Ste. 1800, Midland, TX 79701		<sup>2</sup> OGRID Number 151416
<sup>3</sup> Property Code		<sup>4</sup> API Number 30-015-31544
<sup>5</sup> Property Name State "32" Com		<sup>6</sup> Well No 2
<sup>9</sup> Proposed Pool 1 Seven Rivers Hills, Atoka, N. ✓		<sup>10</sup> Proposed Pool 2

<sup>7</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	20S	25E		660'	North	1980'	East	Eddy

<sup>8</sup> 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

Additional Well Information

<sup>11</sup> Work Type Code A	<sup>12</sup> Well Type Code G	<sup>13</sup> Cable/Rotary R	<sup>14</sup> Lease Type Code S	<sup>15</sup> Ground Level Elevation 3588' GL
<sup>16</sup> Multiple No	<sup>17</sup> Proposed Depth 9718'	<sup>18</sup> Formation Morrow	<sup>19</sup> Contractor	<sup>20</sup> Spud Date 4-1-2010

<sup>21</sup> Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
17 1/2"	13 1/8"	48	424'	625 sx "C"	Surface
12 1/4"	9 5/8"	36	2999'	1200 sx "C"	Surface
8 3/4"	4 1/2"	11.6	9766'	1100 sx Super	6467' TS
				"C" Modified	

<sup>22</sup> 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.  
This well is currently completed in the Cemetery; Morrow (Gas) pool as a gas well with perfs from 9509' - 9544'.  
Fasken Oil and Ranch, Ltd. proposes to recomplete this well to the Seven Rivers Hills; Atoka, N. pool and downhole commingle it with the Cemetery; Morrow (Gas) pool.  
Please see attached for procedure and plat.  
The Surface Owner is the State of New Mexico.

<sup>23</sup> I hereby certify that the information given above is true and complete to the best of my knowledge and belief

Signature <i>Kim Tyson</i>	Approved by <i>Jacqueline Weaver</i>
Printed name Kim Tyson	Title Geologist
Title Regulatory Analyst	Approval Date 3/4/2010
E-mail Address kimt@for1.com	Expiration Date
Date 2-19-2010	Phone 432-687-1777
Conditions of Approval Attached <input checked="" type="checkbox"/> Must have Santa Fe approval prior to DHC.	

*Kim*

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State of New Mexico  
Energy, Minerals & Natural Resources Department  
**OIL CONSERVATION DIVISION**  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-102  
Revised October 15, 2009  
Submit one copy to appropriate  
District Office

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-015-31544	<sup>2</sup> Pool Code 97272	<sup>3</sup> Pool Name Seven Drivers Hills; Atoka N
<sup>4</sup> Property Code	<sup>5</sup> Property Name State "32" Com	<sup>6</sup> Well Number 2
<sup>7</sup> OGRID No 151416	<sup>8</sup> Operator Name Fasken Oil and Ranch, Ltd.	<sup>9</sup> Elevation 3588' GR

<sup>10</sup> Surface Location

UL or lot no	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	32	20S	25E		660'	North	1980'	East	Eddy

<sup>11</sup> 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

<sup>12</sup> Dedicated Acres 320	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No
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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

<sup>16</sup>	<sup>17</sup> 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 unleased mineral 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 mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division Signature: <u>Kim Tyson</u> Date: <u>2-19-2010</u> Printed Name: <u>Kim Tyson</u>	
	<sup>18</sup> 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	

**Recommended Commingle Procedure**  
**State "32" Com No. 2**  
**660' FNL & 1980' FEL**  
**Sec 32, T20S R25E**  
**AFE# 1795**

<b>OBJECTIVE:</b>	Commingle Morrow and Atoka
<b>WELL DATA:</b>	
13-3/8" 48#/ft H-40 ST&C casing:	Set at 424.36' KB Cmt w/625 sx.
9-5/8" 36.0#/ft J-55 LT&C casing:	Set at 2998.96' KB, Cmt w/ 1000 sx, circ 510 sx to surf.
4-1/2" 11.6# N-80 LT&C casing:	Set at 9,765.71', Cmt w/ 1100 sx, TOC 6467' by temp survey. Marker jts 10.52' @ 9292.16'; 10.87' @ 8783.83'; 10.63' @ 8233.68'
TD:	9,775'
PBTD:	9,717.50' KB float collar
TUBING:	9235.29' (292 jts 2-3/8" EUE 8rd AB/modified)
PACKER:	Arrowset 1 10K w/ 1.875" "F" frac hardened pn w/ WL entry

1. Make sure mast anchors have been tested and tank permits are in hand Test flow line and coils in gas production unit to 3500 psi.
2. RUPU and set gas buster and lay line from wellhead and choke in flow line to gas buster with target tees and staked down.
3. RU slick line and RIW with 1 90" gauge ring and tag PN @ 9237', POW with gauge ring and RIW with 1.875" "F" blanking plug and set in profile nipple
4. Load tubing with 2% Kcl water with clay stabilizer and test plug to 250 psi NDWH and NU 5K BOP, release TOSSD from packer and swab down tubing casing annulus to 8500' FS
5. Install JU stripper, latch TOSSD back onto packer and release packer and POW with tubing, TOSSD and packer Inspect seal rings and replace if necessary and dope collars below AB modified seal ring
6. RUWL and 3K lubricator and RIW with gauge ring junk basket to 9300' FS. POW with gauge ring and RIW with 4-1/2" 10K flow through frac plug and set at 9300' FS using EM Hobbs perforating depth correlation log dated 9-24-04
7. RU tubing testers and test Arrowset 1X 10K packer with WL entry guide and 1 875" "F" profile nipple, TOSSD and tubing to 7500 psi above slips
8. Load casing with 2% Kcl water containing packer fluid and clay stabilizer. Set packer at 8850' +/- in 15 pts compression and test tubing casing annulus to 500 psi for 15", ND BOP and NUWH
9. RU swab and swab fluid level down to 7000' FS, (Atoka DST 8-15-01. 12" flow 3400 mcfpd, FTP-1000 psig, FSIP- 3513 psig, 180") Will be shooting under balanced by 2600 psi.
10. RUWL with 5K lubricator and RIW with 1-11/16" strip gun/CCL and perforate 4-1/2" casing 1 JSPF, 0 deg phasing @ 8921'- 8936' (16 holes) using EM Hobbs perforating depth correlation log dated 9-24-04
11. Flow well to tank to clean up and put online on high pressure sales and evaluate for further stimulation RDPU

Mtj1-19-10

(State32\_2 commingle doc)