

Submit 3 Copies To Appropriate District  
Office  
District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
1301 W. Grand Ave., Artesia, NM 88210  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources

Form C-103  
May 27, 2004

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

WELL API NO. 30-015-28938
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. VA-696-0000
7. Lease Name or Unit Agreement Name SPIKE
8. Well Number 1
9. OGRID Number 024010
10. Pool name or Wildcat <del>73960 Carlsbad, Morrow, South (Gas)</del> <b>FRONTIER HILLS; STRAWN (GAS)</b> <b>(77190)</b>
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,340' GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type NONE Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

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 <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>
2. Name of Operator V-F PETROLEUM INC.
3. Address of Operator P.O. BOX 1889, MIDLAND, TEXAS 79702
4. Well Location Unit Letter <u>H</u> : <u>1,980'</u> feet from the <u>NORTH</u> line and <u>660</u> feet from the <u>EAST</u> line Section <u>33</u> Township <u>23-S</u> Range <u>26-E</u> NMPM <u>EDDY</u> County
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,340' GR
Pit or Below-grade Tank Application <input type="checkbox"/> or Closure <input type="checkbox"/>
Pit type NONE Depth to Groundwater Distance from nearest fresh water well Distance from nearest surface water
Pit Liner Thickness: mil Below-Grade Tank: Volume bbls; Construction Material

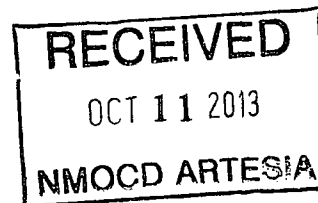
12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. P AND A <input type="checkbox"/>
OTHER: <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>
	OTHER: RETURN WELL TO PRODUCTION <input checked="" type="checkbox"/>

13. 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.

www.emnrd.state.nm.us  
Current forms are available on our  
website and should be used when filing  
regulatory documents.

(SEE BACK)



I hereby certify that the information above is true and complete to the best of my knowledge and belief. I further certify that any pit or below-grade tank has been/will be constructed or closed according to NMOCD guidelines ☐, a general permit ☐ or an (attached) alternative OCD-approved plan ☐.

SIGNATURE Sandy Lawlis TITLE VICE PRESIDENT DATE 10/08/13  
Type or print name SANDY LAWLIS E-mail address: skl@vfpetroleum.com Telephone No. (432) 683-3344

(This space for State use)

APPROVED BY [Signature] TITLE Dr. [Signature] DATE 10/10/13

Conditions of approval, if any: File C102 (plat), C105, and C104 for new pool prior to placing back on production

12/29/12 MIRU swbg unit. Make swb run. Tag SN 11,320' Did not rec fluid. Make 2<sup>nd</sup> run. FL at 11,200'. Rec KCl wtr. SWI. RD & rel swbg unit.

01/17/13 MIRU swbg unit. Swb well. Rec ¼ bbl wtr. RD & rel swbg unit.

02/05/13 MIRU swbg unit. Swb well. Rec 1 bbl wtr. RD & rel swbg unit.

02/22/13 MIRU swbg unit. Swb well. Rec 0.20 bbl wtr. RD & rel swbg unit.

03/14/13 MIRU swbg unit. Swb well. Rec 0.30 bbl wtr. RD & rel swbg unit.

04/02/13 MIRU swbg unit. Swb well. No fluid. RD & rel swbg unit.

04/23/13 MIRU swbg unit. Swb well. No fluid. RD & rel swbg unit.

05/03/13 MI anchor tester. Test anchors to 18,000#. Install markers.

05/09/13 MIRU Basic WSU. Make 1 swb run. Rec .2 bbls wtr. FL 11,150'. SD 11,260'. Fnd drlg line sheave damaged. Send rig to shop for repair.

05/10/13 -Rig repair.

05/12/13

05/13/13 Rig on loc ready to work at 12:00 noon. Load tbg w/45 bbls 2% KCl wtr. Unflng well. Rel On & Off tool. Remove wrap around pack off from WH. Install BOP. Relatch On & Off tool. Attempt to rel pkr. SWI. SDFN.

05/14/13 RU Precision slickline truck. Run lead impression block to 10,490'. Could not go deeper. Pull block out of hole. Did not have identifiable marks on block. Remove BOP. Flng well up. Make 2 runs w/perf gun. Gun did not fire. SWI. SDFN.

05/15/13 Perf tbg below pkr. RD precision wireline. Swb well. SWI. SDFN.

05/16/13 SITP 100#. Bleed off press. Make swb run. Unflng well. Rel On & Off tool. Allow well to equalize. Install BOP. Relatch On & Off tool. Rel pkr. TOH. Had pkr plus TCP guns. SWI. SDFN.

05/17/13 RU Perfs. Set CIBP @ 11,220'. Dump bail cmt on top of CIBP. Perf 11,100' – 11,106' 13 holes .41" using 4" disposable carrier. RD Perforators. TIH w/ pkr & On & Off tool. Displace wellbore w/2% KCl/pkr fluid. Remove BOP. Relatch On & Off tool. Flng well up. Test csg. SWI. SDFN.

05/18/13 Swb well. SWI. SDFN.

05/19/13 SDF Sunday.

05/20/13 Bleed off press. Make swb run. Rec no fl. Acidize w/500 gallons 7 ½% HCl acid. Swb Well. Rec 55 bbls wtr. IFL surf. FFL 10,700'. Swbg depth 11,000'. Had slight show of gas at end of swbg. SWI. SDFN.

05/21/13 Make 1 swb run. FL 10,800'. Swbg depth 11,000'. Rec 0 fl. RU Cudd Services. Acidize w/1,000 gal 7 ½% HCl Acid. RD Cudd. Bleed off press. Load to rec 73 bbls. Swb well. Rec 69 bbls wtr. Had constant slight gas blow. SWI. SDFN.

05/22/13 Bleed off press. Make 1 swb run. FL 10,000' gas cut. Swbg depth 11,000'. Rec 1 bbl wtr. Load tbg w/2% KCl wtr. Unflng well. Unseat pkr. TOH. TIH w/RBP. Set RBP @ 10,990'. Start TOH. Pull 200 jts. SWI. SDFN.

05/23/13 Fin TOH. RU Perforators. Perf Strwn zone 10,470' – 10,480' w/2 jet shots per ft using 4" hollow steel carrier. Total 21 holes. RD Perforators. TIH w/ pkr, on-off tool, profile nip. Set pkr @ 10,400'. Press test csg annulas. Remove BOP. Flng well up. Swb well 5 hrs. SWI. SDFN.

05/24/13 Acidize w/500 gal 7 ½% NeFe HCl acid using 20% methanol in mixing wtr. Swb well 5 hrs. SWI. SDFW.

05/25/13 - SDFW.

05/27/13

05/28/13 Acidize w/1,000 gallons 7 ½% NeFe HCl acid w/20% methanol in mixing wtr plus 50 ball sealers. Swb well. SWI. SDFN.

05/29/13 Acidize w/ 2,000 gallons 15% Ne Fe HCl acid. Swb well 5 hrs. SWI. SDFN.

05/30/13 Swabbing

06/01/13

06/02/13 SDFW.

06/03/13 - Swab well periodically.

06/05/13

06/06/13 Swab well periodically. SWI. RD rel swbg unit.

06/07/13- WSI. Took gas sample for analysis. Waiting on gas purchaser, DCP Midstream.

06/25/13

06/26/13 Bleed off pressure. Flow 5 bbls wtr. SWI. WO gas sales line.

06/27/13 – WO gas sales line.

07/14/13

07/15/13 Bleed off pressure. Flow 8 1/2 bbls wtr. SWI. WO gas sales line.

07/16/13 – WO gas sales line.

08/02/13

08/03/13 Bleed off pressure. Flow 2 bbls wtr. SWI. WO Gas sales line.

08/04/13 - WO gas sales line.

08/22/13

08/23/13 - Meet w/DCP field Tech. Service meter. Open well to sales line. Gas sales (partial day) 28 MCF.

09/06/13 Drop 2 soap sticks down tbg. Open well to gas sales line. Gas sales 4 MCF.

09/24/13 Bleed off pressure. Produced 10 MCF. Swab well. Flow 11 bbls wtr. RD rel swbg unit.