

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone: (575) 393-6161, Fax: (575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone: (575) 748-1283 Fax: (575) 748-9720
District III
 1000 Rio Brazos Road, Aztec, NM 87410
 Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico

Form C-101
 Revised July 18, 2013

Energy Minerals and Natural Resources

Oil Conservation Division

HOBBSOCD

AMENDED REPORT

1220 South St. Francis Dr.

JAN 29 2015

Santa Fe, NM 87505

RECEIVED

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

1. Operator Name and Address V-F Petroleum Inc. P. O. Box 1889 Midland, Texas 79702		2. OGRID Number 24010
4. Property Code 314176		3. API Number 30-025-20979
5. Property Name State AF		6. Well No. 2

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
0	8	18-S	35-E		330	S	2310	E	Lea

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County

9. Pool Information

Pool Name Vacuum; Abo Reef	Pool Code 61780
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Additional Well Information

11. Work Type E	12. Well Type O	13. Cable/Rotary R	14. Lease Type S	15. Ground Level Elevation 3,944'
16. Multiple N	17. Proposed Depth PBD 9,800'	18. Formation Abo	19. Contractor	20. Spud Date 12/22/63
Depth to Ground water 90'		Distance from nearest fresh water well 2,510'		Distance to nearest surface water

We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
H-40	17"	13 3/8"	48#	408'	320	Surface
N-80	12"	9 5/8"	40#	4,015'	3,554	Surface
N-80	8 3/4"	7"	26# & 29#	11,850'	2,000	320'

Casing/Cement Program: Additional Comments

Casing in place from original completion.

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
7 1/16"	3,000#	2,000#	Schaffer

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief.
 I further certify that I have complied with 19.15.14.9 (A) NMAC and/or 19.15.14.9 (B) NMAC , if applicable.
 Signature: *Eric Sprinkle*
 Printed name: Eric Sprinkle
 Title: Petroleum Engineer
 E-mail Address: eric@vfpetroleum.com
 Date: 01/23/2015 Phone: 432-683-3344

OIL CONSERVATION DIVISION

Approved By: *[Signature]*
 Title: Petroleum Engineer
 Approved Date: 02/02/15 Expiration Date: 02/02/17

Conditions of Approval At:

E-PERMITTING - - New Well _____
 Comp _____ P&A _____ TA _____
 CSNG _____ Loc Chng _____
 ReComp _____ Add New Well _____
 Canc'l Well _____ Create Pool _____

FEB 03 2015

V-F Petroleum Inc.

500 W. Texas, Suite 350, Midland, Texas 79701

432-683-3344

FAX:432-683-3352

Mailing Address: P.O. Box 1889, Midland, TX 79702 E-mail: eric@vfpetroleum.com

www.vfpetroleum.com

State AF #2

Turkey Track Bone Springs Recompletion Procedure

Well Data

Location: 330' FSL & 2,310' FEL; Lot O, Sec 8, T-18-S, R-35-E

Lea County, New Mexico

API No.: 30-025-20979

TD: 11,850'

PBTD: 9,800'

Elevation: 3,944'

Casing and Cement:

13 3/8", 48# H-40 CSG @ 408' cmt w/ 400 sxs circulated to surface

9 5/8", 40# N-80 CSG @ 4,015' cmt w/ 3,554 sxs circulated to surface

7", 26# & 29# N-80 CSG @ 11,850' cmt w/ 200 sxs TOC @ 320' by Temp Survey

Procedure

1. Dig out cellar. Nipple up on 13 3/8", 9 5/8", and 7" casing. Install 7 1/16" 3,000# BOP.
2. Test BOP and 7" casing head to 2,000#.
3. Drill cement plug 0-60'. Test casing to 2,000#.
4. Drill cement plug 304'-444'. Test casing to 2,000#.
5. Drill cement plug 1,465'-1,716'. Test casing to 2,000#.
6. Drill cement plug 2,689'-2,923'. Test casing to 2,000#.
7. Drill cement plug 3,835'-4,067'. Test casing to 2,000#.
8. Drill cement plug 6,365'-6,514'. Test casing to 2,000#.
9. Drill cement plug 9,062'-9,217'. Test casing to 2,000#.
10. Set CIBP @ 9,200'.
11. Perforate Abo 8,937'-9,090'.
12. Acidize, Swab back load.
13. Reacidize with ball sealers, Swab back load and test.
14. If volume is satisfactory, return well to production from Abo.
15. If production rate is not satisfactory, a sand frac job will be recommended.

V-F PETROLEUM INC. – State AF #2
O-Section 8, T-18-S, R-35-E: 330' FSL & 2,310' FEL, Lea, New Mexico

DESIGN: Closed System with steel pits for Work Over/Reverse Unit Rig for Re-entry

Contact: Wayne Luna, Field Superintendent for V-F Petroleum Inc.
Cell #: 432-557-2688 Office #: 432-683-3344

Monitoring: 24 hour service during drilling time
Contact: Chris Mabrey, cell # 432-664-2451

Equipment:
250 bbl steel cuttings pits
250 bbl suction pit
250 bbl return pit
1 mud pump
1 500 bbl frac tank for fresh water

Cuttings and associated liquids will be hauled to a State regulated third party disposal site: CRI facility
Permit Number: R9166

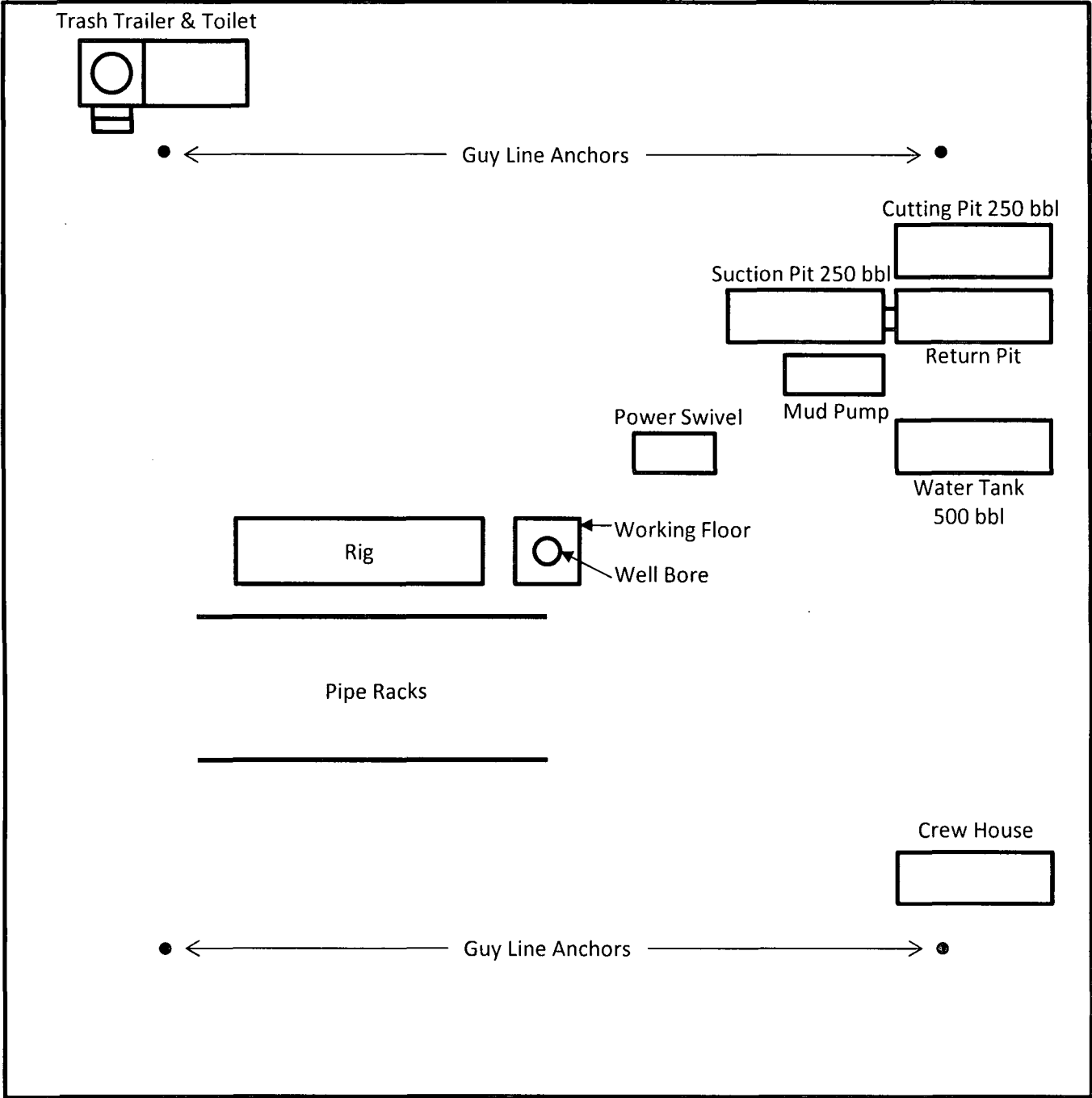
CRI will be responsible for hauling clean fluid to the closest water disposal plant.

OPERATIONS:

Closed Loop equipment will be inspected daily by each tour and any necessary maintenance performed.
Any leak in system will be repaired and or/contained immediately.
OCD will be notified within 48 hours of the spill.
Remediation process started immediately.

CLOSURE:

During drilling and closing operations all liquids, drilling fluids and cuttings will be hauled off to the above stated disposal facilities.



V-F Petroleum Inc.
 State AF #2
 Lot O – Section 8 – Township 18S – Range 35E
 Lea County, New Mexico

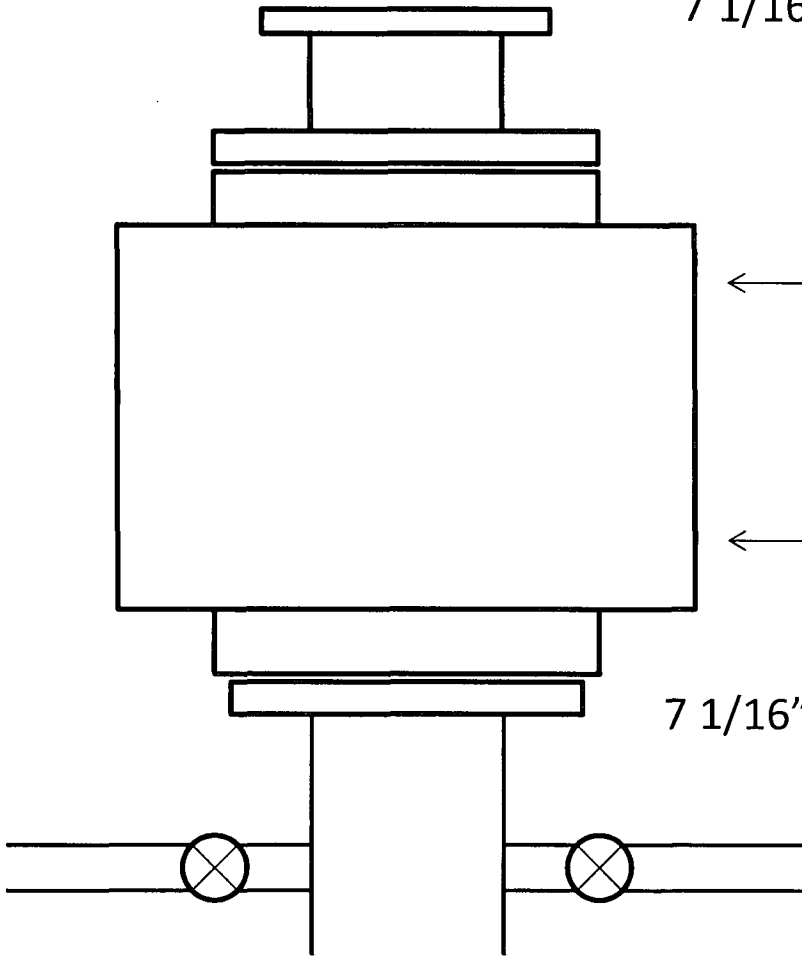
7 1/16" 3000# Stripper Head

7 1/16" 3,000# BOP

← Pipe Rams

← Blank Rams

7 1/16" 5,000# Wellhead



Well: State AF #2

Operator: V-F Petroleum Inc

Loc: 330' FSL 2130' FEL

Field:

Unit O Sec 8 T-18-S R-35-E
of Lea County, New Mexico

Elevation: GL= 3,944

KB-GL=

API# 30-025-20979

KB=

Depth	Hole Sz	Perfs and Tops		Casing & Cement
100	17"			Perf & Plug: 85 sxs Surf-60 9/09
200				TOC @ 320 TS
300				400 sxs regular CMT
408				13 3/8" 48# H-40 CSG
800	12"			Plug: 25 sxs 304-444 9/09
1200				
1600				Plug: 25 sxs 1465-1716 9/09
2000				
2400				
2800				Plug: 25 sxs 2689-2923 9/09
3200			T Yates 3162	
3600				3554 sxs Diamix CMT
4015				9 5/8" 40# N-80 CSG
4400	8 3/4"		T Queen 4298	Plug: 30 sxs 3835-4067 9/09
4800			T San Andres 4982	
5200				
5600				
6000				
6400			T Bone Spring 6446	Plug: 36 sxs 6365-6514 9/09
6800				
7200				
7600				
8000				
8100				
8200				
8300				
8400				
8500				
8600				
8700				
8800			T Bone Spring Reef 8933	
8900			Perfs: 8937-9025 & 9053-9090	
9000			squeezed with 550 sxs 6/88	
9100				Plug: 25 sxs 9062-9217 9/09
9200				
9300				
9400				
9500				
9600			T Wolfcamp 9660	
9700				CIBP @ 9800 10/02
9800			Perfs: 9864-9900	
9900				
10000				
10100			Perfs: 10134-10155	
10200				
10600			T Strawn 10954	
11000			T Mississippian 10954	
11400				PBTD 11484
11600			T Woodford 11640	2000 sxs Incor 50:50 Poz CMT
11850			T Devonian 11838	7" 26# & 29# N-80 CSG

REMARKS: Existing P&A 9/09

Well: State AF #2
 Loc: 330' FSL 2130' FEL
Unit O Sec 8 T-18-S R-35-E
of Lea County, New Mexico
 API# 30-025-20979

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 Field: _____
 Elevation: GL= 3,944
 KB-GL= _____
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8100			
8200			
8300			
8400			
8500			
8600			
8700			
8800		T Bone Spring Reef 8933	
8900			
9000		RePerf & Acidize: 8937-9090	
9100			
9200		Set CIPB @ 9200	
9300			
9400			
9500			
9600		T Wolfcamp 9660	
9700			CIPB @ 9800 10/02
9800		Perfs: 9864-9900	
9900			
10000			
10100		Perfs: 10134-10155	
10200			
10600		T Strawn 10954	
11000		T Mississippian 10954	
11400			PBTD 11484
11600		T Woodford 11640	2000 sxs Incor 50.50 Poz CMT
11850		T Devonian 11838	7" 26# & 29# N-80 CSG

REMARKS: Re-Entry Plans: Drill out plugs. Set CIPB @ 9200. Reperf & Acidize 8937-9090.

Reestablish Production from the Vacuum - Abo Reef (Pool Code:61780).