

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTOil Cons.
N.M. DIV-Dist. 2
1301 W. Grand Avenue
Artesia, NM 88210FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

LC-029420-B

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.

DOW B 33 Fed #2

9. API Well No.

30-015-27675 S1

10. Field and Pool, or Exploratory

CEDAR LAKE, EAST (Morrow)

11. Sec., T., R., M., on Block and

Survey or Area 33/17S-31E

12. County or Parish

Eddy

13. State

TX

17. Elevations (DF, RKB, RT, GL)*

3754' GL / 3773' KB

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry Otherb. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,

Other RE ENTER EXISTING WELLBORE

2. Name of Operator

V-F Petroleum Inc.

3. Address

P.O. Box 1889, Midland, TX 79702

3a. Phone No. (include area code)

432-683-3344

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface UNIT LETTER C: 660' FNL & 2310' FWL

SEC. 33 T-17S R-31E

At top prod. interval reported below SAME

At total depth

SAME

14. Date Spudded

10/24/93

15. Date T.D. Reached

12-02-93

16. Date Completed

☐ D & A ☒ Ready to Prod.

3-27-04

18. Total Depth: MD 12,100'

TVD 12,100'

19. Plug Back T.D.: MD 14,075'

TVD 12,075'

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

GR-DLL-MSTL/GR-SOL-DSH

22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
14 3/4"	11 3/4"-40	42"	Surface	679'	NO	420 C'	121	400'	-0-
					1" ANNULUS	400 C'	94	Surface	
11"	8 3/8" K55	32"	Surface	5100'	NO	1593 H402	477	Surface	-0-
7 7/8"	5 1/2" S-95								
	TMC-80	17"	Surface	12100'		800 P2-H	193	8856'	0
					8856'	720 P2-H	241	3100'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	11,789'	11,790'			11,694'			

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Lower Morrow	11,818'	11,832'	11,818' - 11,832'	.41	56	OPEN
B) UPPER Morrow	11,735'	11,754'	11,735' - 11,754'	.41	38	STRADDLE PACKERS
C) ATOKA	11,242'	11,272'	11,242' - 11,272'	.41	36	SQUEEZED OFF
D) GRABURY	3752'	3810'	3752' - 3810'	.41	58	SQUEEZED OFF

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
3752' - 3810'	SQUEEZE CEMENT TO 4500' WITH 59 SL. MAGNA PLUS CEMENT
11,242' - 11,272'	SQUEEZE CEMENT TO 2,000' WITH 40 SL. CLASS H
11,735' - 11,754'	COVERED WITH TUBING & STRADDLE PACKERS
11,818' - 11,832'	Fracture with 38,000 gal 70Q foam + 20,000# 20/40 INTERPROP

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
3-27-04	3-31-04	2 1/2	→	0	528	8			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
48/64	55	500	→	0	528	8		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on reverse side)

JUN 14 2004

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
			(SEE ATTACHED)		

32. Additional remarks (include plugging procedure):

UPPER MORROW PERFORATIONS COVERED BY STRADDLE PACKERS, (SEE WEATHERFORD SCHEMATIC ENCLOSURE)

33. Circle enclosed attachments:

1. Electrical/Mechanical Logs (1 full set req'd.) 2. Geologic Report 3. DST Report 4. Directional Survey
5. Sundry Notice for plugging and cement verification 6. Core Analysis ⑦ Other: PLUGGING METHOD OF UPPER MORROW PERFORATIONS

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Wayne Luna

Title

Production Superintendent

Signature

Wayne Luna

Date

06/08/04

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
MORROW CLASTICS	11,566'	11,900'	SANDSTONE & SHALE	RUSTLER	690'
				YATES	1,925'
				SEVEN RIVERS	2,272'
				BOWERS SAND	2,696'
				QUEEN	2,914'
				PENROSE	3,081'
				GRAYBURG	3,282'
				SAN ANDRES	3,653'
				BONE SPRING	6,760'
				2 ND SAND	7,370'
				3 RD SAND	8,160'
				WOLFCAMP	8,338'
				STRAWN	10,806'
				ATOKA	10,968'
				MORROW	11,310'
				MISSISSIPPIAN	11,900'

Weatherford
Completion & Oilfield Services
2117 N. French Dr.
Hobbs, NM 88241

COMPANY VF Petroleum		PREPARED FOR Wayne Luna		TELEPHONE 432-557-2688		DATE 1-13-04	
WELL NAME Dow B #2		FIELD NAME Eddy		COUNTY NM		STATE NM	
CASING	SIZE 5 1/2"	WEIGHT 17#	GRADE	THREAD	DEPTH		
LINER	SIZE	WEIGHT	GRADE	THREAD	DEPTH		
TUBING	SIZE 2 3/8	WEIGHT 4.7	GRADE n-80	THREAD 8rd	DEPTH		
DESCRIPTION				I.D.	O.D.	LENGTH	DEPTH
1- KB Correction						18.00	
2- 273 jts 2 3/8 n-80 Tubing				1.99	2.375	11671.92	11689.92
3- 5 1/2 X 2 3/8 T-2 on-off Tool				1.99	4.50	1.65	11691.57
4- 1.87 "E" Profile nipple flt-2 90 Tool				1.875			
5- 5 1/2 X 2 3/8 Arrowset 1X 10 X Packer				1.99	4.625	6.96	11698.53
6- 2 3/8 Box To 2 3/8 Pin crossover				1.99	2.812	.37	11698.90
7- 3 jts 2 3/8 8.3# Tubing					2.875	89.10	11788.00
8- 2 3/8 X 3.00" Sealassembly w/5-1' seal units				2.50	3.00		
9- 5 1/2 X 3.00" Arrow Pac Packer				3.00	4.50	5.28	11793.28
10- 4" Seal Space Sub				3.50	4.00	1.63	11794.91
11- 4" X 2 3/8 crossover sub				2.44	4.375	.90	11795.81
12- 4' X 2 3/8 n-80 Tubing sub				2.44	2.875	4.33	11800.14
13- 2 3/8 Box To 2 3/8 Pin crossover				1.99	2.812	.37	11800.51
14- 1.87 "R" Profile nipple				1.812	3.00	.85	11801.36
15 - UPPER Morrow Perforations						19'	11,735'-54'
16 - Lower Morrow Perforations						14'	11,818'-32'
Packer Type: Arrowset 1X & Arrow Pac							
No. of Joints in Well: 273-2 3/8 & 3-2 3/8							
Compression on Packer: 14,000 - Arrowset 1X							
Smallest I.D. in Wellbore 1.812 R							
Annulus Treated: ✓ Tested to: 500 psi							
Perforations: 11,818'-11,832'							
T.D. 12,100				R.B.T.D. 12,075'			
PREPARED BY Tommy Temple				OFFICE Call 390-3597 At (Hobbs) 505-393-1717		FAX 505-393-1244	

