

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

clsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		2. NAME OF OPERATOR Primary Fuels, Inc. ✓		3. ADDRESS OF OPERATOR 415 W. Wall Street, Suite 1300, Midland, TX. 79701		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1687' FSL & 2041' FWL of Sec. 19 At top prod. interval reported below At total depth		5. LEASE DESIGNATION AND SERIAL NO. NM-34246		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME PFI Amoco 19 Federal		9. WELL NO. 2		10. FIELD AND POOL, OR WILDCAT Wildcat		11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Sec. 19, T22S, R26E		12. COUNTY OR PARISH Eddy		13. STATE N.M.					
15. DATE SPUDDED 12/07/87		16. DATE T.D. REACHED 12/23/87		17. DATE COMPL. (Ready to prod.) 4/02/88		18. ELEVATIONS (DF, RKB, RT, GB, ETC.)* 3377.6 GL		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 4,600'		21. PLUG, BACK T.D., MD & TVD 4561'		22. IF MULTIPLE COMPL. HOW MANY* None		23. INTERVALS DRILLED BY →		ROTARY TOOLS 0-4,600'		CABLE TOOLS None		24. PRODUCING INTERVAL(S), OF THIS COMPLETION— TOP, BOTTOM, NAME (MD AND TVD)* 3682'-3754' (Cherry Canyon)		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Micro Log, Cal-GR, DI, Comp. Acoustic-Vel.		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)																													
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED																			
13 3/8"		48#		623'		17-1/2"		855		None		circ'd																	
8 5/8"		24#		2,190'		12-1/4"		950		None		circ'd SJS																	
5 1/2"		15.50, 20#		4,600'		7-7/8"		650		None																			
29. LINER RECORD																													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD																			
None										SIZE		DEPTH SET (MD)		PACKER SET (MD)															
										2-3/8"		3,617'		3,617'															
31. PERFORATION RECORD (Interval, size and number)																													
4538-4510' (CIBP @ 4480') 3749-3754' (4" csg gun, 2 SPF) 3742-3745' (4" csg gun, 2 SPR) 3682-3696' (4" csg gun, 2 SPF) 2332-2360' (4" csg gun, 2 SPF)																													
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																													
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED																													
3682-3754' 3000 g. 7½% NEFE Acid + 25,000 g. 70-Q CO ₂ gel w/2% KCL, & 90 tons CO ₂ , 65,000# 16/30 Brady sand.																													
2332-60' 3000 g. 7½% NEFE acid.																													
33. PRODUCTION																													
DATE FIRST PRODUCTION 2/23/88		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing										WELL STATUS (Producing or shut-in) Producing																	
DATE OF TEST 4/12/88		HOURS TESTED 24		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. 38		GAS—MCF. 89		WATER—BBL. 387		GAS-OIL RATIO 2342/1															
FLOW. TUBING PRESS. 35		CASING PRESSURE 0		CALCULATED 24-HOUR RATE →		OIL—BBL. 38		GAS—MCF. 89		WATER—BBL. 387		OIL GRAVITY-API (CORR.) 39°		Post 10-2															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented																													
35. LIST OF ATTACHMENTS Inclination report. (Copies of logs mailed direct to BLM & OCC) SJS																													
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																													
SIGNED K. W. Harbin		TITLE Vice President										DATE 4/15/88																	

*(See Instructions and Spaces for Additional Data on Reverse Side)

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Delaware	2,195'		No Cores No Drill Stem Tests			

38.

INCLINATION REPORT

RECEIVED

OPERATOR: Primary Fuels, Inc.
 ADDRESS: P.O. Box 569
 Houston, Texas 77001

WELL NAME & NUMBER: Amoco Federal No. 2-19
 LOCATION: Section 19, T-22-S, R-26-E
 COUNTY/STATE: Eddy County, New Mexico

APR 27 '88

RECORD OF INCLINATION

G. C. D.
 ARTESIA, OFFICE

MEASURED DEPTH (feet)	COURSE LENGTH	ANGLE OF INCLINATION (Degrees)	DISPLACEMENT PER HUNDRED FEET (Sine of Angle X100)	COURSE DISPLACEMENT (feet)	ACCUMULATIVE DISPLACEMENT (feet)
335	335	1.25	2.19	7.33	7.33
623	288	2.00	3.50	10.08	17.41
1100	477	1.75	3.06	14.61	32.02
1598	498	1.00	1.75	8.72	40.73
2190	592	1.25	2.19	12.95	53.68
2673	483	1.00	1.75	8.45	62.13
3195	522	0.75	1.31	6.85	68.99
3687	492	1.00	1.75	8.61	77.60
4185	498	1.00	1.75	8.72	86.31
4600	415	1.00	1.75	7.26	93.57

Accumulative total displacement of well bore at total depth of 4,600 feet = 93.57 feet.
 Inclination measurements were made in - Tubing Casing Open Hole x Drill Pipe.
 At no time was the subject well intentionally deviated from the vertical in any manner whatsoever.

INCLINATION DATA CERTIFICATION

I declare that I am authorized to make this certification,
 that I have personal knowledge of the inclination data and
 facts placed on this form and that such data and facts are
 true, correct, and complete to the best of my knowledge.

SEAL

M. D. Mosley
 Signature of Authorized Representative

M. D. Mosley, Vice President, Drilling Operations
 Name of Person and Title

TOT DRILLING CORPORATION
 Name of Company

Telephone: (915) 367-7361

Subscribed and sworn before me this
 23rd Day of December, 1987

Charles W. Knight
 Notary Public for the State of Texas
 My commission expires 06/10/89

RECEIVED
 DEC 26 1987
 ACCOUNTING