

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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

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 West Wall, Suite 1300, Midland, Texas 79701		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1550' FNL & 1980' FWL, Sec. 19 (SE/4 NW/4) Unit F At top prod. interval reported below Same At total depth Same		5. PERMIT NO. DATE ISSUED API 30-015-25952 7/27/88		6. FIELD AND POOL OR WILDCAT Undes. Delaware (Oil Pool)		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME PFI Amoco 19 Federal		9. WELL NO. 4		10. FIELD AND POOL OR WILDCAT Undes. Delaware (Oil Pool)		11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA Sec. 19, T22S, R26E					
12. COUNTY OR PARISH Eddy		13. STATE N.M.		14. DATE SPUDDED 8/12/88		15. DATE T.D. REACHED 8/26/88		16. DATE COMPLETION (Ready to prod) 9/01/88		17. ELEVATIONS (DF, RKB, RT, GR, ETC.) GL 3409.1'		18. ELEV. CASINGHEAD --		19. TOTAL DEPTH, MD & TVD 2,383'		20. PLUG. BACK T.D., MD & TVD --		21. IF MULTIPLE COMPLEMENTS HOW MANY --		22. INTERVALS DRILLED BY 0 - 2,383'		23. ROTARY TOOLS --		24. CABLE TOOLS --	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Open Hole 2,180 - 2,381' Delaware												26. WAS DIRECTIONAL SURVEY MADE No													
27. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic Vel/GR												28. WAS WELL CORRED No													
29. 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"		Cond. 48#		40'		17-1/2"		Cmtd to Surf w/Ready-Mix								--									
8-5/8"		24#		627'		12-1/4"		*See Back circled								--									
5 1/2"		14.15.5#		2,180'		7-7/8"		*See Back circled								--									
30. LINER RECORD												31. TUBING RECORD													
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)											
--										2-3/8"		2,371		--											
32. PERFORATION RECORD (Interval, size and number) Open Hole 2,180 - 2,381'												33. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.													
DEPTH INTERVAL (MD)						AMOUNT AND KIND OF MATERIAL USED																			
None						None																			
34. PRODUCTION																									
DATE FIRST PRODUCTION 9/02/88				PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) 2" x 1-1/4" x 12' RWBC										WELL STATUS (Producing or shut-in) Producing											
DATE OF TEST 9/08/88		HOURS TESTED 24		CHOKE SIZE --		PROD. N. FOR TEST PERIOD --		OIL—BBL. 12		GAS—MCF. TSTM		WATER—BBL. 0		GAS-OIL RATIO --											
FLOW. TUBING PRESS. --		CASING PRESSURE 5		CALCULATED 24-HOUR RATE --		OIL—BBL. 12		GAS—MCF. TSTM		WATER—BBL. 0		OIL GRAVITY-API (CORR.) 39°													
35. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented												36. TEST WITNESSED BY													
37. LIST OF ATTACHMENTS Inclination Report, (Logs mailed direct)																									
38. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																									
SIGNED <u>Donald L. Davis</u> Donald L. Davis												TITLE <u>Field Superintendent</u> DATE <u>9/09/88</u>													

*(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, time tool open, flowing and shut-in pressures, and recoveries):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT DEPTH
Top Delaware	2,189'		DST's - NONE			
Top Delaware Sand	2,343'		* Cementing Record 8-5/8" - 1,000 gal. Flochek, 250 sx Thickset, 375 sx. Prem w/2% CaCl₂, 85 sxs. Cl. C, Circ. 20 sxs cmt. 5-1/2" - 1,000 gal Flochek 21, 100 sx Thixset w/additives + 400 sxs 50/50 Poz w/additives, + 100 sxs. Cl. C			

INCLINATION REPORT

OPERATOR: Primary Fuels Inc.

ADDRESS: P. O. Box 569
Houston, Texas 77001

LEASE NAME: Amoco 19 Federal WELL#: 4

FIELD: _____

LOCATION: Eddy, New Mexico

RECEIVED

Measured Depth	Angle of Inc.	Displacement Per 100 ft.	SEP 26 '88 O. C. D. ARTESIA, TEXAS	Accumulative Displacement
152 *	0.25	0.44 *		0.6688
357 *	0.75	1.31 *		3.3543
627 *	0.50	0.87 *		5.7033
1022 *	3.25	5.67 *		28.0998
1106 *	3.00	5.23 *		32.4930
1155 *	3.75	6.54 *		35.6976
1186 *	3.25	5.67 *		37.4553
1218 *	3.50	6.10 *		39.4073
1281 *	3.50	6.10 *		43.2503
1343 *	3.50	6.10 *		47.0323
1373 *	3.25	5.67 *		48.7333
1436 *	3.25	5.67 *		52.3054
1521 *	3.00	5.23 *		56.7509
1560 *	3.00	5.23 *		58.7906
1683 *	3.00	5.23 *		65.2235
1734 *	3.00	5.23 *		67.8908
1869 *	2.75	4.80 *		74.3708
2024 *	2.50	4.36 *		81.1288

I hereby certify that the above data as set forth is true and correct to the best of my knowledge and belief.

CACTUS DRILLING COMPANY

Rebecca Edwards
TITLE: DRILLING SECRETARY

AFFIDAVIT:

Before me, the undersigned authority, appeared Rebecca Edwards known to me to be the person whose name is subscribed herebelow, who, on making deposition, under oath states that she is acting for and in behalf of the Operator of the well identified above, and that to the best of her knowledge and belief such well was not intentionally deviated from the true vertical whatsoever.

Rebecca Edwards
AFFIANT'S SIGNATURE

Sworn and subscribed to in my presence on this 19th day of August, 1988.

Notary Public
Notary Public in and for
the County of Midland,
State of Texas.

SEAL

My Commission Expires: 7-19-89