Form 3160-4
(November 1983)
(formerly 9-330)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE (See other instructions on reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.: NM - 42153
6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Federal 9
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: E. Tanneyhill Fusselman
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 9, T-6-S, R-34-E

1a. TYPE OF WELL: OIL WELL [X] GAS WELL [ ] DRY [ ] Other
b. TYPE OF COMPLETION: NEW WELL [X] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other

2. NAME OF OPERATOR: Energy Reserves Group, Inc.
3. ADDRESS OF OPERATOR: P.O. Box 2437, Midland, Texas 79702
4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface 1980' FNL & 660' FWL
At top prod. interval reported below
At total depth

14. PERMIT NO.	DATE ISSUED	12. COUNTY OR PARISH	13. STATE
	3/12/84	Roosevelt	N. M.

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
3/26/84	4/14/84	5/14/84	4367.6 GL	GL

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
8120 MD	7896 MD	No	→	0-8120	

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 7884-96 Fusselman
25. WAS DIRECTIONAL SURVEY MADE: No
26. TYPE ELECTRIC AND OTHER LOGS RUN: Comp. Neutron - Litho Density & Dual Laterolog Micro-SFC
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
8 5/8	24	1967	12 1/4	1000	None
5 1/2	15.5 & 17#	8120	7 7/8	350	None
	w/DV tool @	4507'		450	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
none				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 3/8	7895	NA

31. PERFORATION RECORD (*Interval, size and number*)
8012-22 w/1 JSPF
7886-7902 w/1 JSPF
7884-90 w/1 JSPF
7890-96 w/1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8012-22	1000 gal NeFe CIBP @ 7980
7886-7902	2000 gal 15% NeFe sq w/100 sx
7884-90	500 gal 15% retarded
7884-96	1750 gal 15% retarded

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
5/14/84	pumping 1 1/4" x 22'	Prod.

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
6/28/84	24	NA		28	54	72	1929-SCF/bbl

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
NA	80#		28	54	72	50.4

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): sold
35. LIST OF ATTACHMENTS: Logs, inclination report

ACCEPTED FOR RECORD
PETER W. CHESTER
JUL 6 1984

TEST WITNESSED BY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED [signature] TITLE Production Engineer III DATE 7/3/84

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

Title 18 U.S.C. Section 1001, makes 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.

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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Penn Detrietal	7792	7875	Gas to surface in 30 min. @ 40# psi. 1/2 hr preflow. 1 hr initial shut in. 2 hr test. 4 hr final SI. Good blow/of gas throughout test. Pulled 5 stands. Attempted to rev out & reversing tool plugged after taking in 20 bbl of mud. Pulled 43 additional stands & DP unloaded estimated 1400 feet of oil & gas. Finished TOH & rec 1800' oil & gas cut mud. No free water on test. Sample chamber contained 400 cc oil & 500 cc mud, 1.996 cu ft gas @ 500 psi w/no free water. Charts indicate that tool was plugging during test and inadvertently by-passed when shut in for both initial and fianl shut in pressures. Following BHP's are therefore questionable. Initial flow 611.7-358.8', initial shut in 358.8-3085.9 final flow 950.1-804.3. Final SI 804.3-2881.1.

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Yates	2103	
Queen	2749	
San Andres	3163	
PI Marker	3678	
Glorieta	4400	
Yeso	4498	
Tubb	5812	
Base Salt	6256	
ABO Shale	6561	
ABO Dolo	7203	
Wolfcamp	7290	
3 Bros.	7529	
Cisco	7689	
Penn Detrital	7810	
U. Fusselman	7865	
L. Fusselman	7882	
Montoya (?)	8031	
Pre Cambrian	8056	

RECEIVED

MAY 31 1984

ENERGY RESERVES GROUP
MIDLAND, TEXAS

INCLINATION REPORT

1. FIELD NAME	2. LEASE NAME
E. Tanneyhill Fusselman	Federal 9 #1

3. OPERATOR
Energy Reserves Group, Inc.

4. ADDRESS
P.O. Box 2437, Midland, Texas

5. LOCATION (Section, Block, and Survey)
Sec. 9, R-33-E, T-6-S

County
Roosevelt

RECORD OF INCLINATION

11. Measured Depth (feet)	12. Course Length (Hundreds of feet)	13. Angle of Inclination (Degrees)	14. Displacement per Hundred Feet (Sine of Angle X100)	15. Course Displacement (feet)	16. Accumulative Displacement (feet)
695	6.95	0.25	0.44	3.06	3.06
1,604	9.09	0.25	0.44	4.00	7.06
2,543	9.39	0.75	1.31	12.30	19.36
3,010	4.67	0.25	0.44	2.05	21.41
4,005	9.95	0.25	0.44	4.38	25.79
4,500	4.95	0.25	0.44	2.18	27.97
5,034	5.34	0.25	0.44	2.35	30.32
5,937	9.03	0.25	0.44	3.97	34.29
6,583	6.46	0.25	0.44	2.84	37.13
7,575	9.92	1.00	1.75	17.36	54.49
8,120	5.45	1.50	2.62	14.28	68.77

If additional space is needed, use the reverse side of this form.

17. Is any information shown on the reverse side of this form? ☐ yes ☒ no

18. Accumulative total displacement of well bore at total depth of 8,120 feet = 68.77 feet.

19. Inclination measurements were made in – ☐ Tubing ☐ Casing ☐ Open hole ☒ Drill Pipe

Notary Seal

Subscribed and sworn to before me this 30 day of May 1984

[signature] Notary Public

[illegible] County, Texas

INCLINATION DATA CERTIFICATION	OPERATOR CERTIFICATION
[signature]	[signature]
Signature of Authorized Representative	Signature of Authorized Representative
H. L. Jennings, Administrative Mgr.	R. L. Robertson
Name of Person and Title (type or print)	Name of Person and Title (type or print)
Parker Drilling Company	Energy Reserves Group, Inc.
Name of Company	Operator
Telephone: 915 (Area Code) 366-3658	Telephone: 915 (Area Code) 682-2591