

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State Fee
5. State Oil & Gas Lease No.

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

1. TYPE OF WELL
OIL WELL GAS WELL DRY OTHER _____
1. TYPE OF COMPLETION
NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____

7. Unit Agreement Name
8. Form or Lease Name
Miller 10

2. Name of Operator
Energy Reserves Group, Inc.
3. Address of Operator
P. O. Box 2437 Midland, Texas 79701

9. Well No.
2
10. Field and Pool, or Wildcat
South Peterson

4. Location of Well
UNIT LETTER **A** LOCATED **810** FEET FROM THE **N** LINE AND **660** FEET FROM
THE **E** LINE OF SEC. **10** TWP. **6S** RGE. **33E** NMPM

12. County

15. Date Spudded **7/20/84** 16. Date T.D. Reached **8/12/84** 17. Date Compl. (Ready to Prod.) **8/31/84** 18. Elevations (DF, RKB, RT, GR, etc.) **4389 GL** 19. Elev. Casinghead **4389**
20. Total Depth **7981'** 21. Plug Back T.D. **7936'** 22. If Multiple Compl., How Many **NA** 23. Intervals Drilled by **0-7981** Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, bottom, Name
7815'-37 Fusselman 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs run
CNL/LDT, BHC, DLL/MSFL 27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	2020	12 1/4	910 sx	none
5 1/2	15.5 & 17	7981	7 7/8	400 sx	none

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
none					2 3/8	7806	none

31. Perforation Record: (Interval, size and number) **7815-37, 0.4", 4 JSPF**

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7815'-37'	500 gal 10% Acetic & 2000 gal, 15% HCL

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

33. PRODUCTION
Date First Production **8/31/84** Production Method (Flowing, gas lift, pumping - Size and type pump) **F** Well Status (Prod. or Shut-in) **SI**

Date of Test	Hours Tested	Choke Size	Prodn. Per Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9/7/84	1	12/64		0.02	889 MCFD	0	36,833 Cu/bbl

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Curr.)
1462	1540		0.6	889 MCFD	0	65.8 @ 60

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By

35. List of Attachments
C-103, Logs, DST Summary, Inclination Affidavit, C-122 & C-102

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED R.L. Robertson TITLE Production Engineer III DATE 9/14/84

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 30 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including fall stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1195.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates <u>2046</u>	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen <u>2680</u>	T. Strawn Fusselman <u>7810</u>	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres <u>3088</u>	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta <u>4320</u>	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash <u>7893</u>	T. Morrison _____	T. _____
T. Tubb <u>5740</u>	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo <u>6500</u>	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp <u>7214</u>	T. _____	T. Chinle _____	T. _____
T. Penn. <u>7786</u>	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) <u>7604</u>	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from <u>7810</u> to <u>7893</u>	No. 4, from _____ to _____
No. 2, from _____ to _____	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from <u>None</u> to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2020	2020	Red Bed	7716	7833	117	Lm & Dolo
2020	3393	1373	Anhy & Salt	7833	7897	64	Dolo & Chert
3393	3972	579	Dolo	7897	7981	84	Gr WS
3972	4575	603	Dolo & Anhy				
4575	6377	1802	Dolo				
6377	6971	594	Abo Sh				
6971	7238	267	Dolo & Sh				
7238	7360	122	Dolo				
7360	7548	188	Dolo & Lm				
7548	7716	168	Lm & Sh				

SEP 2 1954

PR 1000

DST SUMMARY

8/8/84: DST #1 7780'-7833' (Fusselman).

	TOP	BTM
IHS	4190	4215
IF	164-317	235-357
ISI	2720	2724
FF	137-177	357-452
FSI	2720	2724
EHS	4177	4082 (Plugging)

BHT 156'. Rec 219' extensive gas cut mud (Chl 126,000) & 446' free gas & 2' of distillate (gravity 53.3 @ 60). Sample chamber 1500 psi w/7.5 cu ft dry gas. Pit sample of drlg mud tstd 123,000 ppm cc w/res of 0.04 @ 76'. Tag 7' high w/pkrs. Slid 7' while setting.

9:15 If 30 min had strong blow. Inc to 160# in 30 min on 1/4" chk.

10:20 ISI 1 hr 2720# close tool & wait 3 min to open manifold. Gas to surf in 4 min. 15-20' flare.

11:23 FF 2 hrs. Open tool strong flow gas @ surf

11:39 1/4" chk w/85 psi intermittent gas

11:43 1/4" chk w/100 psi

11:51 1/4" chk w/120 psi

11:54 1/4" chk w/140 psi

12:02 1 1/2" chk w/90 psi

12:01 1 1/2" chk w/40 psi

12:14 5/8" chk w/32 psi

12:17 5/8" chk w/28 psi

12:20 1/2" chk w/26 psi

12:25 5/8" chk w/24 psi

12:30 1/2" chk w/30 psi

12:33 1/2" chk w/33 psi

12:36 1/2" chk w/34 psi

12:43 1/2" chk w/36 psi

12:49 1/2" chk w/38 psi

12:55 1/2" chk w/38 psi

1:09 1/2" chk w/34 psi (106 min)

1:17 FSI 3 hrs 30 min 2720#

4:49 (212 min)

Release pkr @ 4:56 P.M.

8/11/84 Could not get DST #2 to bottom.

8/12/84 DST #3 Fusselman 7845'-7897

Hydrostatic In	4139# Top	4164# Bottom
IF 30 min	115-145#	123142# Weak Blow & Died
SI 60 min	530#	506#
FF 60 min	140-140#	142-142# No Blow
FSI 120 min	203#	207#
Hydrostatic Out	4139#	4164#
Rec 200' drlg mud.	Sample Chamber	92# w/no recovery.