

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other <u>Disposal</u>				5. LEASE DESIGNATION AND SERIAL NO. SF-080723	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>30-045-24286</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Energy Reserves Group, Inc.				7. UNIT AGREEMENT NAME Gallegos Canyon Unit	
3. ADDRESS OF OPERATOR P.O. Box 3280 - Casper, Wyoming 82602				8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2015' FSL, 830' FEL (NE-SE) At top prod. interval reported below At total depth				9. WELL NO. 306	
14. PERMIT NO. <u>FARMINGTON DIST. DATE ISSUED</u>				10. FIELD AND POOL, OR WILDCAT Kutz Fruitland, West Mesaverde Undesignated	
15. DATE SPUDDED 4-14-80				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 19-T29N-R12W	
16. DATE T.D. REACHED 4-22-80				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 8-18-80				13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GRD 5,415' - KB 5,429'				19. ELEV. CASINGHEAD -----	
20. TOTAL DEPTH, MD & TVD 4,154'		21. PLUG BACK T.D., MD & TVD 4,114'		22. IF MULTIPLE COMPL., HOW MANY* 2	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD				CABLE TOOLS -----	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION--TOP, BOTTOM, NAME (MD AND TVD)* 3,022' - 3,600' - Mesaverde				25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - SFL; Comp Neutron - Formation Density				27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		32.3#		235' KB	
7"		20# & 23#		4,154' KB	
HOLE SIZE		CEMENTING RECORD			
13-3/4"		250 sx "B" + 2% CAC1			
8-3/4"		1/4#/sx Flocele			
		See Back of Page			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
				None	
SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD	
				SIZE	
				2-3/8"	
				DEPTH SET (MD)	
				2,975'	
				PACKER SET (MD)	
				2,975'	
31. PERFORATION RECORD (Interval, size and number)					
3,574' - 3,600'; 3,102' - 3,108' w/2 JSPF					
3,520' - 3,546'; 3,022' - 3,042'					
3,342' - 3,368'; 3,145' - 3,152'					
3,306' - 3,314' (276 perfs)					
3,175' - 3,190'					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
3,022' - 3,600'		Breakdown Mesaverde below 3,444'			
		w/3000 gal 15% HCl + add + 150 bal			
		sealers. Breakdown*			
		(See Back of Page)			
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump)		WELL STATUS (Producing or shut-in)	
NA		NA - Water Disposal Well		SI	
DATE OF TEST		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE	
OIL--BBL.		GAS--MCF.		WATER--BBL.	
OIL GRAVITY-API (CORR.)					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY	
SEP 2 1980					
35. LIST OF ATTACHMENTS					
FARMINGTON DISTRICT					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>David L. Brown</u>		TITLE <u>Prod Engr - RMD</u>		DATE <u>August 20, 1980</u>	

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

NMOCC

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

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.
			*7" cementing - 1st stage - 690 sx 50-50 Pozmix + 2% gel + 1/4#/sk Flocele. Stage Collar @ 1,605' 2nd Stage - 470 sx 50-50 Pozmix + 2% gel + 1/4#/sk Flocele. Cmt re-turns to surface. *between 3,260' & 3,450' w/2000 gal 15% HCl + additives + 100 ball sealers. Breakdown between 2,986' to 3,248' w/3000 gal 15% HCl + additives + 150 ball sealers.
			LOG TOPS Fruitland 1,047' Pictured Cliffs 1,312' Lewis 1,463' Cliff House 2,864' Menefee 2,998' Point Lookout 3,708' Mancos 4,073'

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other Disposal Well

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Energy Reserves Group, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 3280 - Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2015' FSL, 830' FEL (NE-SE)

At top prod. interval reported below

At total depth

14. PERMIT NO.

U. S. GEOLOGICAL SURVEY
FARMINGTON, N.M.

5. LEASE DESIGNATION AND SERIAL NO.

SF-080723

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gallegos Canyon Unit

8. FARM OR LEASE NAME

9. WELL NO.

306

10. FIELD AND POOL, OR WILDCAT

Kutz Fruitland, West
Mesaverde Undesignated11. SEC. T. R. M., OR BLOCK AND SURVEY
OR AREA

Sec. 19-T29N-R12W

12. COUNTY OR
PARISH
San Juan

13. STATE

New Mexico

15. DATE SPUDDED

4-14-80

16. DATE T.D. REACHED

4-22-80

17. DATE COMPL. (Ready to prod.)

8-18-80

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*

GRD 5,415'; KB 5,429'

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

4,154'

21. PLUG, BACK T.D., MD & TVD

4,114'

22. IF MULTIPLE COMPL.,
HOW MANY*

2

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

O-TD

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

1,054' - 1,070' - Fruitland

25. WAS DIRECTIONAL
SURVEY MADE

NO

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Induction - SFL; Comp Neutron - Formation Density

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
9-5/8"	32.3#	235'KB	13-3/4"	250 sks "B" + 2% Pac 111
				1/4#/sk Flocele.
7"	20# & 23#	4,154'KB	8-3/4"	See Back Of Page

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	CRACKER SET (MD)
		None			2-3/8"	1,000'	

31. PERFORATION RECORD (Interval, size and number)

1,054'-56'
1,060'-63' w/1 JSPF (12 perfs)
1,066'-70'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1,054'-1,070'	Breakdown Fruitland w/600 gal 7½% "Spearhead" acid. Frac'd w/30,000 gal 70% quality foam w/25,000# 20-40 sd + 35,000# 10-20 sd.

33.* PRODUCTION

*See Back of Page

DATE FIRST PRODUCTION

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

WELL STATUS (Producing or shut-in)

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8-18-80	24	3/4"	→	0	337	3	NA
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
120 psi	125 psi	→	0	337	3	NA	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

VENTED DURING TEST

TEST WITNESSED BY

T.C. Durham

35. LIST OF ATTACHMENTS

ACCEPTED FOR RECORD

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

SIGNED

TITLE

Prod Engr - RMD

DATE

August 20, 1980

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

NMOCG

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			*7" cementing - 1st Stage - 690 sks 50-50 Pozmix + 2% gel + 1/4#/sk Flocele. Stage Collar @ 1,605'	LOG TOPS Fruitland Pictured Cliffs Lewis Cliff House Menefee Point Lookout Mancos	1,047' 1,312' 1,463' 2,864' 2,998' 3,708' 4,073'	
			2nd Stage - 470 sks 50-50 Pozmix + 2% gel + 1/4#/sk Flocele. Cement returns to surface.			