Form 9-330
(Rev. 5-63)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE* (See other instructions 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

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: 990' FNL, 1570' FWL (NE/NW)
At top prod. interval reported below
At total depth

5. LEASE DESIGNATION AND SERIAL NO.: SF-078904

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME: Gallegos Canyon Unit

8. FARM OR LEASE NAME: Gallegos Canyon Unit

9. WELL NO.: 298

10. FIELD AND POOL, OR WILDCAT: Kutz Pictured Cliffs, West

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 24-T28N-R12W

14. PERMIT NO. / DATE ISSUED

12. COUNTY OR PARISH: San Juan

13. STATE: New Mexico

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
12-21-79	12-29-79	1-28-80	GRD 5719' KB 5729'	----------

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
1,840'	1,788'	NA	→	0-TD	---------

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 1,582'-98' Pictured Cliffs

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: Induction-Electrolog; Comp. Densilog-Neutron

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"	20#	131' KB	12-1/4"	100 sks 'B' + 3% $CaCl_2$ + 1/4#/sk Flocele	-0-
4-1/2"	9.5#	1,829' KB	6-3/4"	400 sks 50-50 Pozmix + 2% Gel + 1/4#/sk Celloflake *	-0-

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"	1,618'	None

31. PERFORATION RECORD (*Interval, size and number*): 1,582'-98' w/1 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1,582'-98'	B.D. w/750 gals 15% HCl + additives - Fraced w/24,000 Gals 70% Quality Foam + 40,000# 10-20 SD @ 2 PPG.

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
		SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-28-80	24	3/4"	→	-0-	461	39	NA

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
130 psi	SI 230 psi	→	-0-	461	39	NA

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Vented During Test

TEST WITNESSED BY: T. C. Durham

35. LIST OF ATTACHMENTS: Sample Description

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

SIGNED Dean B. Barnes TITLE Dist Prod Engr- RMD DATE 1-28-80

RECEIVED
FEB 6 1980
OIL CON. COM.
DIST. 3

ACCEPTED FOR RECORD
FEB 5 '80
FARMINGTON DISTRICT
BY M L Kuchera

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			See Attached * Temp cmt top @ 200'

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
LOG TOPS		
Ojo Alamo	388'	
Kirtland	469'	
Fruitland	1,317'	
Pictured Cliffs	1,577'	
Lewis	1,783'	
TD Driller	1,840'	
Logger	1,830'	

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

GPO 680-378

GCU-PC #298

SAMPLE DESCRIPTION

530 - 90	30% Ss: wht, mg, sbrnd, cly fld, tite 70% Sh: lt gry, sft, clayey, blky
590 - 620	N.S.
620 - 50	20% Ss: wht, f-mg, mod cly fld, fair por 80% Sh: gry, sft, blky, clayey
50 - 80	40% Ss: wht, mg, sbang, sl cly fld, gd por 60% Sh: gry, frm, blky, slty
680 - 710	N.S.
10 - 40	10% Ss: AA 90% Sh: bl gry, sft, plty, clayey
40 - 70	10% Ss: gry, fg, sbang, hard, tite 90% Sh: gry, sft-frm, blky-plty, clayey-slty
770 - 800	100% Sh: AA, some sl sndy
800 - 30	30% Ss: gry-wht, fg, sbrnd, sl cly fld, gd por, sl feld 70% Sh: gry, sft, plty, clayey
30 - 60	30% Ss: AA 70% Sh: AA
60 - 90	20% Ss: AA 80% Sh: gry, sft, blky, clayey-sl slty
890 - 920	20% Ss: wht, f-mg, sbrnd, mod cly fld, fair por 80% Sh: gry-brn, sft, blky, clayey
20 - 50	40% Ss: wht, fg, sbang, cly fld, tite, s & p 60% Sh: gry, sft, blky, clayey
50 - 80	30% Ss: AA, mod cly fld, fair por 70% Sh: AA
980 - 1010	20% Ss: AA, cly fld, tite 80% Sh: AA
10 - 40	100% Sh: gry, sft, blky, clayey
40 - 70	40% Ss: wht, mg, sbang, sl cly fld, gd por, sl feld 60% Sh: AA
1070 - 1100	20% Ss: AA 80% Sh: AA
1100 - 60	100% Sh: AA

1160 - 90 20% Ss: gry-wht, fg, sbang, sl cly fld, gd por
80% Sh: AA

1190 - 1220 20% Ss: AA
80% Sh: AA

20 - 50 10% Ss: AA
90% Sh: AA

50 - 80 10% Ss: AA
70% Sh: AA
20% Coal: blk, vit

1280 - 1310 10% Ss: AA
90% Sh: AA, some brn and silty, w/occ carb incl

10 - 40 100% Sh: gry-brn, sft, blky, clayey
Tr. Coal: blk, vit

1340 - 1400 30% Ss: wht, fg, sbang, sl-mod cly fld, fair por, s & p
60% Sh: AA
10% Coal: AA

1400 - 30 20% Ss: AA
80% Sh: lt gry, sft, plty-blky, clayey

30 - 90 10% Ss: wht, mg, sbang, cly fld, tite
90% Sh: gry, sft-frm, blky, slty, sl carb

1490 - 1500 N.S.

1500 - 20 10% Ss: gry, fg, sbang, sl cly fld, gd por, s & p, sl calc
90% Sh: dk gry, frm, blky, sl carb

20 - 30 10% Ss: AA
90% Sh: AA, slty

30 - 40 10% Ss: AA
90% Sh: AA, less slty

40 - 50 30% Ss: wht, fg, sbang, s l cly fld, gd por, sl glauc, calc
60% Sh: gry-brn, sft, blky, clayey, some slty
10% Coal: blk, vit

50 - 70 30% Ss: wht, fg, sbang, sl cly fld, gd por, sl feld, calc
70% Sh: AA, some sl coaly

70 - 80 20% Ss: wht, fg, sbang, sl cly fld, gd por, calc, sl glauc w/occ carb incl, sl feld
30% Sh: AA
50% Coal: blk, vit

1580 - 90 40% Ss: gry-wht, fg, sbang, mod cly fld, fair por, sl feld, calc
40% Sh: AA
20% Coal: blk, vit

1590 - 1620 30% Ss: clr wht, fg, sbrnd, mod cly fld, gd-fair por, w/occ carb incl, sl feld
60% Sh: gry, sft, plty-blky, clayey
10% Coal: AA

20 - 50 50% Ss: wht, f-mg, sbrnd, mod cly fld, fair por, s & p, calc, sl feld
50% Sh: gry, frm, blky, slty, calc, w/carb incl

50 - 70 30% Ss: AA, mod-hvy clay fill, tite
70% Sh: AA

1670 - 1700 30% Ss: AA
70% Sh: AA
Tr. Coal: blk, vit

1700 - 10 40% Ss: wht-gry, fg, sbrnd, sl shly-mod cly fld, fair por, calc, s & p, sl feld
60% Sh: gry, frm, blky, slty, calc, w/carb incl

10 - 30 50% Ss: AA
50% Sh: AA

30 - 40 40% Ss: AA, less shly
60% Sh: AA

40 - 50 30% Ss: gry, fg, sbrnd, sl cly fld, gd por, calc
70% Sh: AA

50 - 70 40% Ss: AA
60% Sh: AA

70 - 80 50% Ss: AA
50% Sh: AA

1780 - 1820 20% Ss: gry-wht, fg, sbrnd, mod cly fld, fair por, calc, sl feld
80% Sh: gry, sft-frm, blky, clayey-slty, sl calc, w/occ carb incl

1820 - 40 20% Ss: AA
80% Sh: AA