

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Energy Reserves Group, Inc.						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3280 - Casper, Wyoming 82602						8. FARM OR LEASE NAME E.H. Pipkin	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,520' FNL, 810' FEL (SE NE) At top prod. interval reported below At total depth						9. WELL NO. 10-E	
14. PERMIT NO.						DATE ISSUED	
15. DATE SPUEDDED 2-25-80						16. DATE T.D. REACHED 3-11-80	
17. DATE COMPL. (Ready to prod.) 4-3-80						18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GRD 5,721' KB 5,735'	
20. TOTAL DEPTH, MD & TVD 6,255'		21. PLUG, BACK T.D., MD & TVD 6,199'		22. IF MULTIPLE COMPL., HOW MANY* -----		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6,117'-34' Dakota						25. WAS DIRECTIONAL SURVEY MADE NO	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction - SFL; Comp Neutron - Form 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		AMOUNT PULLED	
8-5/8"	24#	768' KB	12-1/4"	500 sks 'B' + 2% CaCl ₂ + 1/4#/sk Flocele		-0-	
4-1/2"	10.5#	6,245' KB	7-7/8"	See Back of Page		-0-	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
		None			2-3/8"	6,133'	None
31. PERFORATION RECORD (Interval, size and number) 6,117'-34' w/1 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				6,117'-34'			
				AMOUNT AND KIND OF MATERIAL USED			
				BD w/1000 gals Smith HAS-1 7-1/2% acid + 10% Methanol + additives + 500 SCF N ₂ /bbl. + 24 Ball Sealers			
				Frac - See 2/ 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)	
DATE OF TEST 4-2-80		HOURS TESTED 24		CHOKE SIZE 1/2"		PROD'N. FOR TEST PERIOD OIL—BBL. 8 GAS—MCF. 1233 WATER—BBL. 5 GAS-OIL RATIO NA	
FLOW. TUBING PRESS. 200 psi		CASING PRESSURE SI 400 psi		CALCULATED 24-HOUR RATE OIL—BBL. 8 GAS—MCF. 1233 WATER—BBL. 5		TEST PRESSURE (PSI) (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) VENTED DURING TESTING						TEST RESULTS T.C. DURHAM APR 14 1980 OIL CON. COM. DIST. 3	
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 <i>Hean B. Barnes</i>		TITLE Dist Prod Engr-RMD				DATE April 8, 1980	

*(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 35, 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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			SEE ATTACHED * 4-1 1/2" csg cementing 1st Stage - 180 sks 50-50 Pozmix + 2% Gel + 1 1/4#/sk Flocele followed 300 sks "B" + 10% Salt + 1 1/4#/sk Flocele. Stage Collar @ 4,377' - 2nd Stage 645 sks 65-35 Pozmix + 6% Gel + 10#/sk Gilsonite followed w/455 sks 50-50 Pozmix + 2% Gel + 12#/sk Gil- sonite. Temp. Survey cement top @ 700' Frac Job - 52,500 Gals GWX-4 Gel + 106,250# 20-40 Sand + 400 SCF N₂/bbl.	LOG TOPS		
				Fruitland	1,337'	
				Pictured Cliffs	1,609'	
				Lewis	1,698'	
				Cliff House	3,132'	
				Menefee	3,273'	
				Point Lookout	3,990'	
				Mancos	4,305'	
				Gallup	5,168'	
				Greenhorn	5,956'	
				Graneros	6,012'	
				Dakota	6,063'	
				Dakota Pay	6,117'	
				TD Driller	6,255'	
				Logger	6,222'	

E.H. PIPKIN #10-E

SAMPLE DESCRIPTION

790 - 820 100% Sh: gry, sft, blk, sndy

20 - 50 20% Ss: wht, fg, sbang, cly fld, tite
80% Sh: AA

50 - 80 30% Ss: AA, f-vfn-g
70% Sh: gry, sft, blk

880 - 910 10% Ss: AA
90% Sh: AA

10 - 40 20% Ss: wht, f-mg, sbang, mod cly fld, fair por
80% Sh: AA

940 - 1000 10% Ss: AA, w/occ carb incl
90% Sh: AA

1000 - 30 100% Sh: lt gry-gry-dk gry, sft, clayey, some carb

30 - 90 60% Sh: AA
40% Coal: blk, vit, sl shly

1090 - 1120 20% Sh: AA
80% Coal: blk, vit

20 - 80 50% Sh: lt gry-gry, sft, plty, clayey
50% Coal: blk, vit

1180 - 1210 100% Coal: AA

10 - 40 30% Sh: gry-lt gry, frm, plty, slty
70% Coal: AA

1240 - 1330 50% Sh: AA
50% Coal: AA

30 - 60 90% Sh: lt gry, sft, plty, clayey, some slty
10% Coal: AA

60 - 90 10% Ss: wht, fg, sbrnd, mod cly fld, fair por, w/occ carb incl
90% Sh: gry, frm, blk, sl clayey

1390 - 1420 10% Ss: wht, vfn-g, sbrnd, cly fld, tite
90% Sh: AA, some slty

20 - 50 20% Ss: wht, fg, sbang, mod cly fld, fair por, sl feld,
sl calc
80% Sh: lt gry-brn, frm, plty, slty, some lignitic

50 - 80 10% Ss: wht, mg, sbrnd, cly fld, tite
90% Sh: gry, sft-frm, blk

1480 - 1510 N.S.

- 10 - 70 100% Sh: dk gry, sft, plty, clayey, carb
- 1570 - 1600 20% Ss: wht-gry, vfn-g, sbrnd, hard, sl cly fld, tite, calc,
sl feld, w/occ carb incl
80% Sh: AA
- 1600 - 30 40% Ss: wht, mg, sbrnd, cly fld, poss sl porosity, sl feld,
sl glauc, calc, w/occ carb incl, N-S
60% Coal: blk, vit
- 30 - 60 30% Ss: wht, fg, sbrnd, cly fld, tite, sl feld, calc, w/occ
carb incl
70% Sh: lt gry, sft, blk, w/occ carb incl
- 60 - 90 30% Ss: AA, f-mg, fair por
70% Sh: AA
- 1690 - 1720 50% Ss: wht, f-mg, sbrnd, cly fld, tite, sl feld, calc
50% Sh: AA
Tr. Coal: blk, vit
- 20 - 50 10% Ss: gry, f-vfn-g, sbrnd, shly, tite, calc
90% Sh: gry, sft, plty, slty, sl calc, w/occ carb incl
- 50 - 80 20% Ss: AA
80% Sh: AA
Tr. Coal: AA
- 1780 - 1810 N.S.
- 10 - 40 10% Ss: wht, vfn-g, sbang, cly fld, hard, tite, calc
80% Sh: gry, frm, blk-plty, sl slty
10% Coal: blk, vit
- 40 - 70 30% Ss: AA, s & p
70% Sh: gry, frm, blk-plty, w/occ carb incl
- 1870 - 1900 100% Sh: AA, sl slty
- 1900 - 30 100% Sh: gry, frm, blk, slty, w/occ carb incl
- 1930 - 2020 100% Sh: AA, blk-plty
- 2020 - 2110 100% Sh: gry-brn, frm, blk-plty, sl slty
- 10 - 40 10% Ss: wht, fg, sbrnd, mod cly fld, fair por, calc, sl feld
90% Sh: AA
- 40 - 70 100% Sh: gry, frm, blk-plty, sl slty, sl carb
- 2170 - 2200 10% Ss: wht, fg, sbrnd, mod cly fld, fair por, calc, sl feld
90% Sh: AA
- 2200 - 30 N.S.

2230 - 60 100% Sh: gry, frm, blk-plty, sl slty
60 - 90 100% Sh: AA, gry-brn, slty

2290 - 2320 100% Sh: AA
20 - 50 100% Sh: dk gry, frm, blk, sndy, sl carb, sl calc
50 - 80 N.S.

2380 - 2410 10% Ss: gry, vfn-g, sbrnd, shly, tite
90% Sh: AA
Tr. Coal: blk, vit

2410 - 2500 100% Sh: gry-brn, frm, blk-plty, slty, sl lignitic

2500 - 30 20% Ss: gry, f-vfn-g, sbang, shly, tite, s & p, calc
80% Sh: gry-brn, frm, blk
30 - 60 100% Sh: AA, sl slty
60 - 90 20% Ss: wht-gry, vfn-g, sbrnd, cly fld, poss sl por, calc
80% Sh: AA

2590 - 2620 100% Sh: gry, frm, blk

2620 - 2710 N.S.
10 - 40 100% Sh: gry-bl gry, frm, blk, some dk gry and sl coaly
Tr. Coal: blk, vit
40 - 70 100% Sh: gry-brn, blk-plty, sl slty
Tr. Coal: AA

2770 - 2830 N.S.
30 - 60 90% Sh: bl gry-gry, sft, plty, clayey
10% Coal: blk, vit
60 - 90 N.S.

2890 - 2920 100% Sh: gry-brn, sft, blk-plty, clayey
Tr. Coal: AA
20 - 50 N.S.
50 - 80 10% Ss: gry-wht, vfn-g, sbrnd, cly fld-shly, tite, fri, s & p,
poss sl por, calc
80% Sh: bl gry-gry, sft, plty, clayey
10% Coal: blk, vit

2980 - 3010 100% Sh: AA, some gry
10 - 40 N.S.

3040 - 70 100% Sh: bl gry-gry, sft, blk
Tr. Coal: blk, vit

3070 - 3130 100% Sh: dk gry, sft, blk, clayey
Tr. Coal: AA

30 - 60 100% Sh: bl gry-gry, sft, plty, sl clayey

60 - 90 100% Sh: gry, frm-sft, blk-plty, sl slty

3190 - 3310 N.S.

3310 - 40 80% Sh: gry, frm, blk
20% Coal: blk, vit

40 - 70 90% Sh: AA, some dk gry and carb
10% Coal: AA

3370 - 3480 N.S.

3480 - 3510 100% Sh: gry-dk gry, frm-sft, blk-plty, some carb

10 - 40 90% Sh: AA, plty
10% Coal: blk, vit

3540 - 3600 100% Sh: gry, sft, plty, sl clayey, w/occ carb incl
Tr. Coal: blk, vit

3600 - 30 80% Sh: gry-brn, sft, plty, w/occ carb incl, sl clayey
20% Coal: blk, vit

30 - 60 90% Sh: AA
10% Coal: AA

60 - 90 100% Sh: dk gry-brn, sft, blk, clayey
Tr. Coal: blk, vit

3690 - 3720 100% Sh: AA, some sl slty
Tr. Coal: AA

20 - 50 30% Ss: wht-lt gry, fg, sbrnd, msrt, uncons, calc, fair por,
w/carb incl
60% Sh: pred gry-grn, blk, frm, sl carb, micmica
10% Coal: blk, blk, hd, vit

50 - 80 30% Ss: AA
70% Sh: AA

3780 - 3810 40% Ss: AA
60% Sh: AA
Tr. Coal: blk, blk, hd, vit

10 - 40 10% Ss: wht, f-mg, sbang, msrt, uncons, calc, fair por,
w/carb incl
90% Sh: lt-dk gry, frm, blk, sl carb in part, slty

3840 - 70 40% Ss: wht-lt gry, fg, sbang, msrt, uncons, calc, poor
por w/carb incl in part
60% Sh: m-dk gry, frm, blk, carb in part, micmica in part

3870 - 3900 30% Ss: buff-wht, fg, sbang, msrt, uncons, calc, poor por
w/carb incl
70% Sh: AA

3900 - 90 N.S.

3990 - 4020 60% Ss: clr-wht, lt gry, vfn-fg, ang-sbang, msrt, uncons,
sl cly fld, calc, poor por w/carb incl
40% Sh: lt gry-m gry, frm, blk, carb in part, some s & p,
micmica in part, slty

20 - 50 70% Ss: clr-wht, lt gry, lt grn, fg, ang, msrt, uncons,
sl cly fld, calc, poor por w/carb incl
20% Sh: gry, gry-grn, frm, blk, sl carb, slty
10% Coal: blk, blk, vit

50 - 80 40% Ss: clr-wht, brn, fg, msrt, uncons, sl cly fld, calc, poor
por w/carb and mg qtz incl
50% Sh: gry-grn, frm, blk, carb, micmica, slty
10% Coal: blk, blk, vit

4080 - 4120 30% Ss: clr-wht, fg, sbrnd, msrt, uncons, calc, carb incl
70% Sh: lt gry-dk gry, blk, frm, blk-plty, carb

4120 - 4300 N.S.

4300 - 30 30% Ss: clr wht, m gry-dk gry, fg, sbrnd, msrt, uncons, sl
calc, fair por w/carb incl
70% Sh: m gry-dk gry, frm, blk-plty, slty, carb

30 - 60 60% Ss: clr wht, lt gry-dk gry, fg, sbrnd, msrt, uncons,
sl calc, sl cly fld, fair por w/carb incl
40% Sh: lt gry-dk gry, blk, frm, blk-plty, slty, carb

60 - 90 20% Ss: lt gry-m gry, fg, sbrnd, msrt, uncons, calc, cly fld,
occ carb incl
80% Sh: m gry-dk gry, frm, blk-plty, carb, vy slty

4390 - 4600 N.S.

4600 - 30 100% Sh: bl gry, sft, blk, clayey

30 - 60 100% Sh: bl gry, gry-brn, sft, blk-plty, sl calc, w/carb
incl

4660 - 4750 100% Sh: gry-brn, frm, plty, slty, sl calc, w/carb incl

4750 - 4810 100% Sh: gry-brn, frm, plty, sl slty, sl calc, some coaly,
some bl gry, sft and clayey

10 - 40 100% Sh: AA, less coaly

40 - 70 100% Sh: AA, w/tr. Coal: blk, vit

4870 - 4910 100% Sh: dk gry, frm, blk, clayey-slt, sl calc, w/occ carb incl

10 - 30 100% Sh: AA, less slt, more clayey

30 - 60 100% Sh: AA, w/tr. Coal: blk, vit

4960 - 5010 100% Sh: gry-dk gry, frm, some carb incl, some slt, sl calc, trace clayey

5010 - 20 100% Sh: dk gry, sft, plty, sl calc, w/carb incl

20 - 30 100% Sh: AA, blk-plty
Tr. Coal: blk, vit

30 - 40 100% sh: AA, sl clayey

40 - 50 N.S.

50 - 60 100% Sh: AA, less clayey

60 - 70 10% Ss: wht, fg, sbrnd, well sorted, sl cly fld, fair por, calc, N-S
90% Sh: AA

70 - 80 10% Ss: gry, vfn-g, sbrnd, shly, tite, N-S
90% Sh: AA, sl slt

80 - 90 100% Sh: AA
Tr. Coal: blk, vit

5090 - 5100 10% Ss: wht-gry, fg, sl cly fld, fair por, s & p, calc, N-S
90% Sh: AA, some bl gry, sft and clayey

5100 - 20 100% Sh: AA

20 - 30 N.S.

30 - 50 100% Sh: gry brn-bl gry, sft, blk-plty, clayey

50 - 60 100% Sh: gry-dk gry, sft, blk, clayey, some carb

60 - 70 100% Sh: AA, w/carb incl

70 - 90 100% Sh: dk gry, frm, blk, carb, some slt

5190 - 5200 100% Sh: AA
Tr. Chert: translucent brn, cg, sbrnd

5200 - 30 100% Sh: dk gry-lt gry, sft, blk-plty, some slt, some carb

30 - 40 N.S.

40 - 50 100% Sh: gry, sft, blk, w/carb incl.

5250 - 60 100% Sh: dk gry-lt gry, sft, blk-y-plty, some clayey, some slty and carb

60 - 80 100% Sh: gry-dk gry, frm, plty, some carb, some pyritic and calc

5280 - 5300 100% Sh: dk gry, frm, plty, carb, some coaly
Tr. Ss: wht, vfn-g, sbrnd, cly fld, tite, N-S
Tr. Coal: blk, vit

5300 - 30 100% Sh: gry-dk gry, sft, blk-y, some carb, w/carb incl

30 - 50 100% Sh: dk gry, frm, blk-y, carb, sl coaly, sl slty

50 - 90 LCM

5390 - 5400 10% Ss: wht, fg, sbrnd, mod cly fld, poss sl porosity, calc, dull yel fluor w/no cut
90% Sh: AA

5400 - 10 100% Sh: AA

10 - 50 100% Sh: dk gry, frm, blk-y-plty, carb & coaly, some slty

50 - 80 100% Sh: dk gry, frm, blk-y, carb & coaly, slty
Tr. Chert: clr, vy cg, sbang

5480 - 5540 N.S.

40 - 50 40% Ss: clr-wht, lt gry, fg, sbang-sbrnd, msrt, uncons, sl calc, fair por, w/occ carb incl
60% Sh: m gry-dk gry, frm, blk-y-plty, carb, micmica in part

50 - 60 70% Ss: AA
30% Sh: AA

60 - 80 30% Ss: clr-lt gry, fg, sbrnd, msrt, uncons, sl calc, w/carb incl
70% Sh: m-dk gry, frm, blk-y-plty, slty, carb in part

80 - 90 10% Ss: AA
90% Sh: AA
(VPS - abnt LCM)

5590 - 5600 100% Sh: AA

5600 - 10 10% Ss: clr-lt gry, fg, sbrnd, msrt, uncons, sl calc, w/carb incl
90% Sh: AA

10 - 50 20% Ss: AA, fair por, s & p, sl cly fld
80% Sh: m gry-dk gry, frm, blk-y-plty, carb, micmica

50 - 60 100% Sh: AA

5660 - 5850 N.S.

5850 - 80 100% Sh: m gry-dk gry, frm, blk, carb, sl calc

5880 - 5900 100% Sh: m gry-dk gry, frm, blk, mica, vy carb, some
vy slty

5900 - 6050 N.S.

6050 - 60 100% Sh: dk gry, sft, blk, slty, sl calc, some vy calc,
carb, scat pyrite masses

60 - 70 100% Sh: AA, some clayey and plty

70 - 90 100% Sh: AA
Tr. Clystn: wht, sft (Kaolinite)

6090 - 6100 100% Sh: mg, sft-frm, blk, vy slty, sl carb.

6100 - 10 10% Ss: gry, fg, sbrnd, shly, tite
90% Sh: AA

10 - 30 100% Sh: AA, m gry-dk gry

30 - 40 30% Ss: wht, fg, sbrnd, sl cly fld, hard, tite, calc,
occ glauconite incl
70% Sh: AA, some blk, plty and vy carb

40 - 50 70% Ss: wht, fg, sbrnd, hard, poss sl porosity, calc, occ
glauconite incl
30% Sh: AA

50 - 60 20% Ss: AA
80% Sh: dk gry-blk, plty, frm, vy carb, some sl slty

60 - 80 20% Ss: wht-lt brn, fg, sbrnd, sl shly, tite, hard, calc
60% Sh: AA
20% Clystn: wht, frm, (Kaolinite)

80 - 90 90% Sh: lt gry-gry, blk, sft-frm, some carb, some clayey
10% Clystn: AA

6190 - 6200 30% Ss: wht-gry, f-mg, psrt, sl clay fld-shly, tite, frm,
occ lse grn, calc
70% Sh: AA

6200 - 10 30% Ss: AA
70% Sh: AA

10 - 20 30% Ss: wht-gry, fg, sbang, sl cly fld, hard, tite, calc
70% Sh: gry-dk gry, frm, blk-plty, slty, some vy carb

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

6230 - 40 N.S.

6240 - 55 10% Ss: lt brn-gry, vfn-g, sbang, sl shly-sl cly fld, tite,
calc
90% Sh: gry-dk gry, sft, blk, clayey

6255' TD