

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.					
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 2480' FSL, 2360' FWL (NE/SW) At top prod. interval reported below At total depth					
14. PERMIT NO.		DATE ISSUED			
15. DATE SPUDDED 12-16-79		16. DATE T.D. REACHED 12-20-79		17. DATE COMPL. (Ready to prod.) 1-25-80	
20. TOTAL DEPTH, MD & TVD 1929'		21. PLUG, BACK T.D., MD & TVD 1888'		22. IF MULTIPLE COMPL., HOW MANY* NA	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1682'-92' Pictured Cliffs		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GRD 5867' KB 5877'		23. INTERVALS DRILLED BY O-TD	
26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-Electrolog; Comp. Densilog - Neutron		27. WAS WELL CORED NO			
29. 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	-0-
4-1/2"	9.5#	1928' KB	6-3/4"	+ 1/4#/sk Flocele 400 sks 50-50 Pozmix + 1/4#/sk Flocele *	-0-
29. LINER RECORD				30. TUBING RECORD	
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE
		None			2-3/8"
31. PERFORATION RECORD (Interval, size and number) 1682'-92' w/1 JSPF (11 holes)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
				DEPTH INTERVAL (MD)	
				1682'-92'	
				AMOUNT AND KIND OF MATERIAL USED	
				Broke down w/500 gals 15% HCl + additives - Fraced w/24,000 gals 70% Quality Foam + 40,000# 10-20 SD @ 2PPG	
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			
DATE OF TEST 1-25-80		HOURS TESTED 24	CHOKE SIZE 1/2"	PROD'N. FOR TEST PERIOD →	OIL—BBL. -0-
FLOW. TUBING PRESS. 90 psi		CASING PRESSURE SI 170 psi	CALCULATED 24-HOUR RATE →	OIL—BBL. -0-	GAS—MCF. 153
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented During Test					
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 Jean B. Barner		TITLE Dist Prod Engr- RMD		DATE 1-25-80	

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

NMOCC

FARMINGTON DISTRICT
BY M.L. Kuchera

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.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			See Attached * CBL shows cmt top @ 328'	TOP LOGS Ojo Alamo Kirtland Fruitland Pictured Cliffs Lewis	500' 601' 1,408' 1,680' 1,882'	
				TD Driller Logger	1,925' 1,929'	

SAMPLE DESCRIPTION

160 - 250 100% Ss: clr wht, cg, sbang, lse

250 - 80 70% Ss: AA
30% Clystn: lt gry, sft, sl swelling

280 - 310 80% Ss: AA
20% Clystn: AA

310 - 40 60% Ss: AA
20% Sh: lt gry, sft, plty, sl sndy, sl swelling
20% Coal: blk, vitreous

40 - 70 N.S.

370 - 400 100% Ss: AA

400 - 60 30% Ss: wht, mg, sbrnd, sl cly fld, gd por
70% Sh: lt gry, sft, plty, sl sndy, sl swelling, w/
occ carb incl

460 - 520 100% Ss: mlky wht, cg, lse

520 - 50 AA, mlky wht-clr

50 - 80 100% Sh: lt gry, sft, plty, clayey
Tr. Ss: AA

580 - 640 100% Ss: mlky wht, cg, sbang, lse, sl feld

40 - 70 50% Ss: AA, some sl cons
50% Sh: gry, sft, blk, sl slty

670 - 700 100% Sh: bl gry, sft, blk-plty, clayey, some dk gry,
slty, w/carb incl

700 - 30 50% Ss: wht, mg, sbrnd, fri, mod cly fld, fair por,
occ pyrite masses
50% Sh: AA

30 - 60 100% Sh: dk gry, sft, blk, sl slty, sl carb

60 - 90 10% Ss: wht, fg, sbrnd, mod cly fld, fair por
90% Sh: gry-gry brn, sft, plty, clayey

790 - 820 10% Ss: AA
90% Sh: lt gry-lt brn, sft, blk-plty

20 - 50 10% Ss: AA, mg, sl feld
90% Sh: dk gry, sft, blk

50 - 80 50% Ss: wht, mg, sbang, sl cly fld, gd por, feld
50% Sh: gry-dk gry, sft, plty, sl slty, sl carb

880 - 910 70% Ss: AA
 30% Sh: lt gry, sft, blk, sl slty-sl clayey

910 - 70 100% Sh: gry, frm, blk, sndy

970 - 1000 30% Ss: wht, mg, sbang, sl cly fld, gd por, w/occ carb incl
 70% Sh: AA

1000 - 30 10% Ss: AA
 90% Sh: dk gry, sft, plty, clayey

30 - 60 100% Ss: clr wht, cg, sbang, lse

60 - 90 50% Ss: AA
 50% Sh: dk gry, sft, plty, clayey

1090 - 1150 100% Sh: AA, sl slty
 Tr. Ss: wht, mg, sbrnd, sl cly fld, gd por

1150 - 1350 100% Sh: gry, sft, plty, clayey

1350 - 80 AA, gry-dk gry

1380 - 1410 10% Ss: wht, f-vfn-g, sbrnd, sl cly fld, fair por
 90% Sh: dk gry, sft, plty, clayey

1410 - 40 20% Ss: AA, some fri
 80% Sh: gry, sft, blk, some dk gry and carb

40 - 70 100% Sh: AA

1470 - 1500 100% Sh: gry, sft-frm, blk, some slty, w/occ carb incl

1500 - 30 20% Ss: wht, fg, sbrnd, mod cly fld, fair por, w/occ carb incl
 80% Sh: AA

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

60 - 70 100% Sh: gry-dk gry, frm, plty, carb-sl coaly

1570 - 1600 10% Ss: wht, mg, sbrnd, mod cly fld, fair por
 90% Sh: gry, frm, blk, w/occ carb incl

1600 - 10 20% Ss: wht, vfn-g, sbrnd, mod cly fld, fair por-tite, w/occ carb incl
 80% Sh: gry, sft, plty, clayey-sl slty

10 - 20 100% Sh: AA

20 - 30 10% Ss: wht, fg, sbrnd, cly fld (swelling), tite
 90% Sh: AA

30 - 50 100% Sh: AA, gry
 Tr. Ss: AA

1650 - 70 10% Ss: wht-gry, fg, sl cly fld, gd por
90% Sh: gry, sft, plty, clayey
Tr. Coal: blk, vit

70 - 80 40% Ss: wht, some brn, mg, sbrnd, cly fld, sl porous,
sl feld, calc, w/occ carb incl
20% Sh: gry, sft, clayey, blk
40% Coal: blk, vit

1680 - 1720 N.S.

20 - 30 30% Ss: clr gry, fg, sbrnd, sl cly fld, gd por, w/occ
carb incl, calc
70% Sh: dk gry, frm, blk, sl clayey, w/occ carb incl

30 - 40 N.S.

40 - 50 50% Ss: AA, scat pyrite masses
50% Sh: dk gry, sft, blk, clayey, w/occ carb incl

50 - 60 80% Ss: AA
20% Sh: AA

1760 - 1800 50% Ss: AA, sl glauc
50% Sh: AA

1800 - 10 50% Ss: wht, fg, sbrnd, mod cly fld, fair por, sl feld,
w/occ carb incl, calc
50% Sh: gry, frm, blk, slty, w/occ carb incl, sl calc
Tr. Chert: clr, cg, ang

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

20 - 30 50% Ss: AA
50% Sh: gry-dk gry, less slty

30 - 40 70% Ss: AA
30% Sh: AA

40 - 50 10% Ss: AA
90% Sh: dk gry, frm, blk, slty, calc, w/carb incl

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

70 - 80 50% Ss: AA
50% Sh: gry, frm, blk, slty, w/carb incl, calc

80 - 90 50% Ss: AA, vfn-g
50% Sh: AA

1890 - 1900 70% Ss: wht, fg, sbrnd, mod cly fld, fair por, s & p,
sl feld, calc
30% Sh: AA

1900 - 10 50% Ss: AA
 50% Sh: AA

10 - 25 20% Ss: wht, fg - vfn-g, sbrnd, mod cly fld, fair por,
 w/occ carb incl
 80% Sh: AA