

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 _____		5. LEASE DESIGNATION AND SERIAL NO. I-149-IND 8486	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribe	
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 Gallegos Canyon Unit	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1,700' FNL, 1,615' FWL (SE NW) At top prod. interval reported below At total depth		9. WELL NO. 303	
14. PERMIT SURVEY U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.		10. FIELD AND POOL, OR WILDCAT Kutz Pictured Cliffs, West	
15. DATE SPUDDED 1-11-80		11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec 33-T29N-R12W	
16. DATE T.D. REACHED 1-13-80		12. COUNTY OR PARISH San Juan	
17. DATE COMPLETION (Ready to prod.) 3-27-80		13. STATE New Mexico	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GRD 5,369' KB 5,379'		19. ELEV. CASINGHEAD -----	
20. TOTAL DEPTH, MD & TVD 1,560'		21. PLUG BACK T.D., MD & TVD 1,503'	
22. IF MULTIPLE COMPLET., HOW MANY* NA		23. INTERVALS DRILLED BY ROTARY TOOLS 0-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1,276'-86' 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
8-5/8"	19.66#	130' KB	12-1/4"
4-1/2"	10.5#	1,537' KB	6-3/4"
		CEMENTING RECORD	
		100 sks 'B' + 3% CaCl ₂	
		1/4#/sk Flocele	
		300 sks 50-50 Pozmix +	
		2% Gel + 1/4#/sk Flocele *	
		-0-	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
		None	
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	1,303'	None	
31. PERFORATION RECORD (Interval, size and number)			
1,276'-86 w/1 JSPF (11 holes)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
1,276'86'		B.D. w/500 gals Smith "HAS-1" acid.	
		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)	
DATE OF TEST 3-26-80		HOURS TESTED 24	
CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. 0 GAS—MCF. 872	
FLOW. TUBING PRESS. 140 psi		CASING PRESSURE SI 200 psi	
CALCULATED 24-HOUR RATE OIL—BBL. 0 GAS—MCF. 872		WATER—BBL. 242	
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		37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>Heath B. Barner</u>		TITLE <u>Dist Prod Engr-RMD</u>	
DATE <u>APR 3-27-80</u>		DATE <u>APR 3-27-80</u>	

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

NMOCC

FARMINGTON DISTRICT
BY M.L. Zuckero

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:				38. GEOLOGIC MARKERS	
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.	NAME	MEAS. DEPTH
					TRUE VERT. DEPTH
			See Attached	Log Tops	
			4-1/2" csg cemented back to surface	Fruitland	1,008'
				Pictured Cliffs	1,274'
				TD Driller	1,560'
				Logger	1,448'

SAMPLE DESCRIPTION

140 - 200 100% Sh: gry, sft, plty, clayey
 200 - 30 100% Ss: gry, mg, fri, sbrnd, shly, tite
 30 - 90 70% Ss: AA
 30% Sh: gry-brn, sft, blk
 290 - 320 50% Ss: wht, mg, sbrnd, cly fld, tite
 50% Sh: gry, frm, plty, clayey, micromic.
 20 - 50 30% Ss: AA
 70% Sh: AA
 50 - 80 100% Sh: gry-brn, sft, plty, clayey
 380 - 410 10% Ss: wht, f-mg, sbrnd, mod cly fld, fair por
 90% Sh: bl gry-gry brn, sft, plty, clayey
 10 - 40 100% Sh: bl gry, frm, blk, sndy
 40 - 70 100% Ss: wht, fg, sbang, cly fld, tite
 470 - 500 40% Ss: wht, fg, sbang, mod cly fld, fair por
 60% Sh: bl gry, sft, plty, clayey
 500 - 30 100% Sh: gry, frm, blk, slty-sl sndy
 30 - 60 100% Sh: bl gry, sft, blk
 60 - 90 100% Sh: bl gry, frm, blk, sndy
 590 - 620 100% Sh: bl gry, sft, plty, sl clayey
 20 - 50 70% Ss: wht, fg, sbang, mod cly fld, fair por, s & p
 30% Sh: AA
 50 - 80 100% Sh: gry, sft, plty, clayey
 680 - 710 50% Ss: wht, fg, sbang, cly fld, tite, sl feld, w/occ
 carb incl
 50% Sh: AA
 710 - 800 100% Sh: gry, sft, plty, clayey
 800 - 30 50% Ss: wht, fg, sbang, mod cly fld, tite, w/occ carb
 incl
 50% Sh: gry, sft, plty, clayey
 30 - 60 100% Sh: dk gry, frm, blk, plty, clayey
 860 - 950 100% Sh: AA

950 - 80 100% Sh: gry-gry brn, blk, sl slty, w/occ carb incl
 980 - 1010 100% Sh: AA
 10 - 40 100% Sh: brn, frm, plty, w/carb incl
 1040 - 1130 100% Sh: AA, some coaly
 1130 - 60 80% Sh: AA
 20% Coal: blk, vitreous
 60 - 90 100% Sh: brn, frm, plty, sl slty, w/carb incl
 1190 - 1250 30% Ss: wht, f, sbang, cly fld, tite
 70% Sh: AA
 50 - 70 100% Coal: blk, vit
 70 - 80 20% Ss: wht, fg, sbang, cly fld, tite, calc
 50% Sh: gry, brn, frm, plty, slty, w/carb incl
 30% Coal: AA
 80 - 90 100% Ss: wht, fg, sbrnd, cly fld, tite, s & p, feld, calc
 1290 - 1300 100% Ss: AA, mod cly fld, fair por, sl glauc
 1300 - 10 90% Ss: AA
 10% Sh: lt gry, sft, plty, clayey, w/carb incl
 10 - 20 N.S.
 20 - 40 80% Ss: AA
 20% Sh: brn, sft, plty, clayey
 40 - 50 N.S.
 50 - 70 90% Ss: wht-gry wht, vfn-g, sbang, cly fld, tite, s & p, calc
 10% Sh: gry-brn, frm, plty, w/carb incl
 70 - 80 30% Ss: AA
 70% Sh: lt gry-brn, sft, plty, clayey, w/carb incl
 80 - 90 10% Ss: AA
 90% Sh: AA
 1390 - 1400 N.S.
 1400 - 10 100% Sh: gry-var. col, sft, plty, clayey
 10 - 20 90% Ss: wht, vfn-g, sbrnd, cly fld, tite, w/carb incl, calc
 10% Sh: AA
 20 - 30 100% Sh: gry, frm, blk, slty, w/carb incl
 30 - 40 N.S.
 40 - 50 100% Sh: AA

1450 - 60 100% Sh: gry-brn, frm, plty, sl slty, calc

60 - 90 N.S.

1490 - 1500 100% Sh: gry, frm, blk, slty, calc

1500 - 20 100% Sh: gry-brn, frm, blk, slty, calc, w/carb incl

20 - 30 N.S.

30 - 60 100% Sh: AA