

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 1,520' FSL & 1,820' FEL (NW/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-078019			
6. IF INDIAN, ALLOTTEE OR TRIBE NAME					
7. UNIT AGREEMENT NAME					
8. FARM OR LEASE NAME					
E.H. Pipkin					
9. WELL NO.					
5-E					
10. FIELD AND POOL, OR WILDCAT					
Basin Dakota					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA					
Sec. 36-T28N-R11W					
12. COUNTY OR PARISH		13. STATE			
San Juan		New Mexico			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)	
7-26-80		8-5-80		8-29-80	
18. ELEVATIONS (DF, R&B, RT, GR. ETC.)*		19. ELEV. CASINGHEAD			
5,739' G.L.; 5,753' K.B.		-----			
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*	
6,272' KB		6,230' KB		NA	
23. INTERVALS DRILLED BY					
O-TD					
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*					
Dakota - 6,145' - 6,183'					
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	DISPLACING RECORD	AMOUNT PULLED
8-5/8"	24#	523' KB	12-1/4"	450 sx "B" w/2% CaCl ₂	-0-
4-1/2"	10.5#	6,271' KB	7-7/8"	+ 1/4# Flocele/sx	-0-
				See Page 2	
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"	6,170' KB	none			
31. PERFORATION RECORD (Interval, size and number)					
6,145'-49', 6,151'-58', 6,164'-72', & 6,181'-83' w/1 JSPF (25 perfs)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
6,145'-6,183'		B.D. w/1500 gal 7½% Spearhead acid w/additives & 500 SCF N ₂ /bbl.			
		See Page 2			
33. PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
NA					SI
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
8-29-80	24	17/64"	→	35	639
WATER—BBL.		GAS-OIL RATIO			
3(Frac Fluid)		18,257 SCF/STB			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
425	525	→	35	639	3(Frac Fluid)
OIL GRAVITY-API (CORR.)		± 50			
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 <i>David C. [Signature]</i>		TITLE Production Engineer - RMD		DATE September 3, 1980	

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

SEP 10 1980

NMOCC

FARMINGTON DISTRICT

BY

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 POROSITY 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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
SAMPLE DESCRIPTION ATTACHED			LOG TOPS		
Cementing Record - 4-1/2"			Ojo Alamo	547'	
1st stage - 375 sx "B" w/10% salt - Stage Collar @ 4,408'			Kirtland	643'	
2nd stage - 625 sx "B" 50-50 Poz w/2% gel + 1/4# Flocele/sx. - Stage Collar @ 1,748'.			Fruitland	1,392'	
3rd stage - 250 sx Lite w/1/4# Flocele/sx followed by 350 sx 50-50 Poz w/1/4# Flocele/sx.			Pictured Cliffs	1,620'	
Fracture			Lewis	1,715'	
Frac'd w/55,200 gal 70% quality foam w/ 63,325# 20-40 sand.			Cliff House	3,128'	
			Menefee	3,269'	
			Point Lookout	3,956'	
			Mancos	4,308'	
			Gallup	5,179'	
			Greenhorn	5,969'	
			Graneros	6,028'	
			Dakota	6,086'	
			T.D. Driller	6,272'	
			Logger	6,271'	



EXPLANATION

Ss . . . Sstsm - - - Sh ——— Cystn ===== Ls ⊥ ⊥ ⊥ Dol / / / Coal ■■■ Chert ΔΔΔ Pyrite □ □ □

Sample Description:

- 5280-90 90% Sh: dk gry-brn, frm, blk-y-pit, some silty, calc, occ carb incl.
10% coal: blk, vit, sh frags.
- 90-5300 100% Sh: gry-brn, sft, blk-y, some pit, some silty, w/carb incl, calc.
- 5300-10 100% Sh: gry, sft, blk-y, sl clayey, carb incl, calc.
- 10-20 100% Sh: brn, frm, pit, calc, some silty, occ carb incl.
- 20-30 100% Sh: AA, some sand,
- 30-40 100% Sh: brn-gry, sft-frm, blk-y-pit, some silty, calc, carb incl.,
- 40-50 AA
- 50-60 100% Sh: gry-brn, sft-frm, blk-y, sl silty, calc, occ carb incl.
- 60-70 100% Sh: gry-brn-dk gry, frm, blk-y-pit, sl silty, carb incl, calc.
- 70-80 10% SS: gry, v. gy, skang, shly, calc, S & P, frm, tite, N-S
90% Sh: AA
- 80-90 100% Sh: gry, sft, pit, clayey, calc
- 90-5400 100% Sh: gry-brn, sft-frm, blk-y, silty, calc.
- 5400-10 100% Sh: dk gry-gry, frm, blk-y, calc, sl silty, occ carb incl.
- 10-20 100% Sh: gry-brn, frm, blk-y, calc, some silty, carb incl.
- 20-30 100% Sh: AA
- Tr chert: orange, cy, ang
- 30-40 100% Sh: gry-dk gry, frm, blk-y, some silty, some carb, carb incl, calc
- 40-50 AA
- 50-60 100% Sh: gry, sft, blk-y, clayey, calc, occ carb incl.
- 60-70 90% Sh: AA
10% coal: blk, vit
- 70-80 AA
- 80-90 100% Sh: gry-dk gry, frm, blk-y, calc, carb incl, some carb.
- 90-5500 100% Sh: gry, sft, blk-y, calc, carb incl.
- 5500-10 100% Sh: AA, some brn & silty
- 10-20 100% Sh: AA
- 20-30 100% Sh: gry-brn, frm-sft, blk-y, calc, occ carb incl,
Tr inoceramus prisms
- 30-40 100% Sh: AA
- 50-5640 NS
- 5640-80 LCM
- 80-90 100% Sh: dk gry, frm, nitr, calc, carb

90-5700	100% Sh. 100% sh. AA, silty
5700-10	100% Sh. dk gry-brn, frm, silty, calc, silty, carb
10-20	100% Sh. AA, some bl gry & sst, clayey
20-30	AA
30-40	100% Sh. AA Tr ss: wht-gry, v. gy, sbang, clay fld- silty, calc, st. P, hard, tite, <u>N-S</u>
40-50	100% Sh. AA Tr inoceramus prisms
50-60	100% Sh. dk gry-brn, frm, blky, silty, calc, carb
60-70	100% Sh. dk gry, frm, pty, silty, calc, carb, some bl gry, sst & clayey
70-80	AA
80-90	100% Sh. gry-brn, frm, blkgy-pty, calc, silty, carb incl.
90-5800	100% Sh. AA Tr ss: gry, fg, sbang, sl clay fld, calc, hard, pass sl por, <u>N-S</u>
5800-10	100% Sh. dk gry-brn-bl gry, frm-sst, pty, calc, silty, some clayey, carb incl.
10-20	100% Sh. dk gry-gry, frm, blkgy-pty, calc, silty, carb
20-30	100% Sh. AA, some bl gry, sst, clayey
30-40	AA
40-50	100% Sh. dk gry, frm, pty, calc, silty, carb.
50-60	100% Sh. AA Fr chert cts, eg, rnd
60-80	AA
80-90	100% Sh. dk gry, frm, pty, calc, silty, carb.
90-5900	AA
5900-10	100% Sh. dk gry-brn, frm, pty, calc, silty
10-20	10% ss wht, fg, sbang, clay fld, sl calc, hard, tite, <u>N-S</u> 90% Sh. AA
20-30	100% Sh. gry-brn, frm, blkgy-pty, sl calc, silty, some clayey, carb incl.
30-40	100% Sh. AA
40-50	AA
50-60	100% Sh. brn, sst, blkgy, sl calc, carb incl
60-70	100% Sh. dk gry-brn, frm, blkgy-pty, silty, limy
70-6000	AA
6000-10	100% Sh. dk gry, frm, pty, gy calc, carb
10-20	100% Sh. AA, some bl gry, sst, clayey Tr chstn wht, sst
20-30	100% Sh. dk gry, frm, pty, silty, limy
30-50	AA
50-60	100% Sh. dk gry, frm, pty, silty, limy

60-70 100% Sh dk gry - brn, frm, blng-pty, slty, limy
 70-80 AA
 80-6100 AA
 6100-70 100% Sh dk gry, frm, pty, v. calc, carb
 10-20 100% Sh AA, some dk gry, stt & cagey
 Tr cystn wht, stt
 20-30 100% Sh dk gry, frm, dky, slty, limy
 30-40 100% Sh AA, dky pty
 40-50 AA
 50-60 100% Sh dk gry, frm, blng-pty, v. calc, carb
 60-70 AA
 70-80 100% Sh AA
 Tr cystn wht, stt
 80-90 100% Sh AA, some brn & slty
 90-6200 100% Sh AA
 6200-70 AA
 10-20 100% Sh dk gry, frm, pty, sl calc, carb
 20-30 10% SS dk wht, fg, sand, sl clay fls, calc, carb, poss sl poor. 10-2
 90% Sh AA
 30-40 100% Sh dk gry, frm, pty, sl calc, slty, carb
 40-50 100% Sh dk gry, frm, pty, sl calc, carb, some cagey
 50-60 AA