

NO. OF COPIES RECEIVED	6
DISTRIBUTION	
SANTA FE	
FILE	1
U.S.G.S.	2
LAND OFFICE	
OPERATOR	2

Form C-105
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State ☐ Fee ☒
5. State Oil & Gas Lease No.

1a. TYPE OF WELL OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER _____										7. Unit Agreement Name Gallegos Canyon Unit	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____										8. Farm or Lease Name Gallegos Canyon Unit	
2. Name of Operator Energy Reserves Group, Inc.										9. Well No. 292	
3. Address of Operator P.O. Box 3280, Casper, Wyoming 82602										10. Field and Pool, or Wildcat Kutz Pictured Cliffs, West	
4. Location of Well UNIT LETTER <u>F</u> LOCATED <u>1825</u> FEET FROM THE <u>North</u> LINE AND <u>1795</u> FEET FROM <u>West</u> THE <u>West</u> LINE OF SEC. <u>30</u> TWP. <u>29N</u> RGE. <u>12W</u> NMPM										12. County San Juan	
15. Date Spudded 9-24-79		16. Date T.D. Reached 9-28-79		17. Date Compl. (Ready to Prod.) 10-15-79		18. Elevations (DF, RKB, RT, GR, etc.) GRD 5,305' KB 5,315'		19. Elev. Casinghead -----			
20. Total Depth 1,448'		21. Plug Back T.D. 1,371'		22. If Multiple Compl., How Many -----		23. Intervals Drilled By Rotary Tools O-TD		Cable Tools -----			
24. Producing Interval(s), of this completion - Top, Bottom, Name 1,168' - 1,175'; 1,194' - 1,204'								25. Was Directional Survey Made No			
26. Type Electric and Other Logs Run Ind. 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		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
8-5/8"		19.66		131' KB		12-1/4"		100 sks "B" + 2% CaCl ₂		-0-	
4-1/2"		10.79		1412' KB		6-3/4"		225 sks 50-50 Pozmix +2% Gel + 1/4#/sk Floccle*		-0-	
29. LINER RECORD											
SIZE		TOP		BOTTOM		SACKS CEMENT		SCREEN		PACKER SET	
				None						None	
31. Perforation Record (Interval, size and number) 1,168' - 1,175' w/4 JSPF 1,194' - 1,204' w/1 JSPF						32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED			
						1194' - 1204'		24,000gals 70% quality foam + 40,000# 10-20 Sand			
33. PRODUCTION											
Date First Production			Production Method (Flowing, gas lift, pumping - Size and type pump)					Well Status (Prod. or Shut-in) SI			
Date of Test 10-15-79		Hours Tested 24		Choke Size 3/4"		Prod'n. For Test Period →		Oil - Bbl. -0-		Gas - MCF 668	
Flow Tubing Press. 120 psi		Casing Pressure 180 psi		Calculated 24-Hour Rate →		Oil - Bbl. -0-		Gas - MCF 668		Water - Bbl. 29	
										Gas-Oil Ratio 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 information shown on both sides of this form is true and complete to the best of my knowledge and belief											
SIGNED <u>Hlean B. Barnes</u>						TITLE <u>Dist. Production Engineer</u>			DATE <u>10-18-79</u>		

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>1,166'</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation
			SEE ATTACHED
			*4-1/2" Cmt'd back to surface

From	To	Thickness in Feet	Formation
			<u>LOG TOPS</u>
			Kirtland Surface
			Fruitland 874'
			Pictured Cliffs 1,166'
			Lewis 1,420'
			T.D. Driller 1,439'
			Logger 1,448'

440 - 50 10% Ss: wht, fn-g, sbrnd, vy clay fld (swelling), tite
90% Sh: lt gry, firm, fri, w/occ. specks of carb.

50 - 60 100% Sh: gry-dk gry, firm, fri, some carb.

60 - 70 50% Ss: clr wht, m-g, sbang, sl clay fld, good por,
sl arkosic, w/occ. carb. incl., sl calc.
50% Sh: AA

70 - 80 30% Ss: gry, fn-g, sbang, shaly, tite, sl calc.
70% Sh: AA

80 - 500 100% Sh: gry, soft, fri, clayey, w/occ. carb. incl,
some sl silty

500 - 10 50% Sh: AA
50% Coal: blk, vit-dull, shaly

10 - 20 100% Sh: AA
Tr. Coal: AA

20 - 30 70% Ss: wht, m-g, sbrnd, mod clay fld, fair por, w/occ.
carb. incl.
30% Sh: AA

30 - 40 100% Sh: gry brn, firm, fri, w/carb. incl.
Tr. Ss: AA

40 - 50 100% Sh: gry-bl gry, soft, fri, clayey, some waxy,
some sl silty

50 - 60 10% Ss: wht, fn-g, sbrnd, vy clay fld (swelling), tite
90% Sh: AA, silty-clayey

60 - 90 50% Ss: AA
50% Sh: AA

90 - 610 100% Sh: gry, soft, fri, clayey, some waxy, w/occ. carb.
incl.

610 - 20 20% Ss: wht, fn-g, sbrnd, vy clay fld (swelling), tite
80% Sh: AA

20 - 50 100% Sh: AA, gry-drk gry
Tr. Ss: AA

50 - 70 10% Ss: AA
90% Sh: bl-gry-gry, soft, clayey, some waxy

70 - 80 20% Ss: clr gry, fn-g, sbang, mod clay fld, fair por,
sl shaly, w/carb. incl.
80% Sh: AA

80 - 90 10% Ss: wht, fn-g, sbang, vy clay fld.(swelling)
90% Sh: AA

690 - 700 30% Ss: gry, fn-g, sbang, sl shaly, good por, w/occ. carb. incl.
70% Sh: AA, less clayey, silty

700 - 10 30% Ss: wht, fn-g, sbang, vy clay fld. (swelling), tite
70% Sh: gry-drk gry, soft-firm, fri, lignitic
Tr. Coal: blk, vit.

10 - 20 20% Ss: grn, fn-g, sbang, fair por, calc.
80% Sh: gry, soft, clayey

20 - 30 30% Ss: AA
60% Sh: AA
10% Coal: blk, vit.

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

60 - 800 10% Ss: wht, fn-g, sbang, mod clay fld, fair por, sl calc.
50% Sh: lt gry, soft, fri, clayey, w/occ. carb. incl.
40% Coal: blk, vit-dull, shaly

800 - 20 10% Ss: wht, fn-g, sbrnd, hvy clay fld, (swelling), tite
90% Sh: gry, soft, fri, waxy, sl micromicaceous

20 - 30 10% Ss: wht, fn-g, sbang, mod clay fld, fair por.
60% Sh: gry, firm, fri, silty, w/carb. incl.
30% Coal: blk, vit-dull, shaly

30 - 60 AA
Tr. Inoceramus prisms

60 - 70 20% Ss: clr gry, fn-g, sbang, sl clay fld, good por, w/carb. incl.
80% Sh: gry-drk gry, firm, fri, silty, lignitic, some carb.

70 - 80 20% Ss: AA, fn-m-g
60% Sh: gry, soft, fri, clayey
20% Coal: blk, vit.

80 - 900 10% Ss: AA
70% Sh: AA
20% Coal: AA

900 - 30 N.S.

30 - 40 30% Ss: wht, fn-m-g, sbang, mod-hvy clay fld, tite, calc, w/carb. incl.
60% Sh: gry, soft, fri.
10% Coal: blk, vit.

40 - 60 40% Ss: AA
30% Sh: AA
30% Coal: AA
Tr. Chert: clr, crs-g, sbang.

960 - 80	40% Ss: wht, m-g, sbrnd, mod clay fld, fair por. 40% Sh: AA 20% Coal: AA, w/tr. Chert: AA
80 - 1000	30% Ss: AA 50% Sh: AA 20% Coal: AA Tr. Chert: AA
1000 - 10	40% Ss: wht, fn-m-g, sbrnd, some hvy clay fld (swelling), tite, some mod clay fld, fair por, sl arkosic, w/ carb. incl. 60% Sh: gry-drk gry, firm, fri, some carb.
10 - 30	50% Chert: clr, crs-g, sbrnd 50% Sh: AA Tr. Ss: AA
30 - 40	40% Chert: AA 60% Sh: AA Tr. Ss: AA
40 - 50	50% Ss: wht, fn-g, sbrnd, hvy clay fld (swelling), tite 50% Sh: AA Tr. Chert: AA
50 - 70	30% Ss: AA 20% Chert: AA 50% Sh: AA
70 - 80	10% Ss: gry, fn-m-g, sbang, mod clay fld, fair por, w/carb. incl. 40% Chert: AA 50% Sh: AA
80 - 1100	30% Ss: wht, fn-g, sbrnd, hvy clay fld (swelling), tite 60% Sh: AA 10% Chert: clr-milky wht, sbang, crs-g.
1100 - 20	N.S.
20 - 30	50% Ss: wht, fn-m-g, sbrnd, calc, mod-hvy clay fld (swel- ling), tite, some w/fair por, w/carb. incl. 50% Sh: gry, soft, fri, clayey, some waxy
30 - 40	50% Ss: wht, fn-g, sbrnd, calc, hvy clay fld (swelling), tite 30% Sh: AA 20% Coal: blk, vit.
40 - 50	100% Coal: AA
50 - 60	70% Ss: wht, fn-m-g, sbrnd, hvy clay fld, tite, some mod. clay fld w/fair por, sl arkosic, calc. 20% Sh: lt gry-gry, soft, fri. 10% Coal: blk, vit.

1160 - 70 AA

70 - 80 20% Ss: wht, fn-g, sbrnd, calc, mod clay fld, fair por.
80% Sh: gry-drk gry, soft, fri, some carb.

80 - 90 20% Ss: wht, m-g, sbang, calc, mod clay fld, fair por,
some hvy clay fld & tite, w/occ. carb. incl.
70% Sh: AA
10% Coal: blk, vit.

90 - 1220 50% Ss: wht, fn-g, sbrnd, calc, hvy clay fld (swelling), tite
20% Sh: gry, soft, fri, clayey
30% Coal: blk, vit.

20 - 40 50% Ss: AA, some m-g, w/fair por.
20% Sh: AA
30% Coal: AA

40 - 50 50% Ss: wht, fn-g, sbang, mod clay fld, fair por, sl
glauc, sl arkosic, w/occ. carb. incl, calc.
40% Sh: gry, soft, fri, sl micromicaceous
10% Coal: AA

50 - 60 60% Ss: AA, some hvy clay fld, tite
20% Sh: AA
20% Coal: AA

60 - 70 70% Ss: AA
20% Sh: AA
10% Coal: AA

70 - 1300 N.S.

1300 - 10 20% Ss: wht, fn-g, sbrnd, hvy clay fld (swlg.), tite
70% Sh: lt gry, firm, fri, silty-sl sandy
10% Coal: blk, vit.

10 - 30 40% Ss: AA, w/carb. incl.
50% Sh: AA
10% Coal: AA

30 - 50 30% Ss: AA, sl less clayey
60% Sh: AA
10% Coal: AA

1350 - 1439 N.S.

TD 1439'