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U.S.G.S.

LAND OFFICE

OPERATOR

NEW MEXICO OIL CONSERVATION COMMISSION

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Form C-105

Revised 1-1-65

5a. Indicate Type of Lease

State ☐Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name

Gallegos Canyon Unit

8. Farm or Lease Name

9. Well No.

284

10. Field and Pool, or Wildcat

Kutz, Pictured Cliffs, West

12. County

San Juan

1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐

OTHER

b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐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

UNIT LETTER 0 LOCATED 800 FEET FROM THE South LINE AND 1540 FEET FROM

THE East LINE OF SEC. 30 TWP. 29N RGE. 12W NMPM

15. Date Spudded

9-8-79

16. Date T.D. Reached

9-12-79

17. Date Compl. (Ready to Prod.)

10-5-79

18. Elevations (DF, RKB, RT, GR, etc.)

GRD 5381' KB 5391'

19. Elev. Casinghead

20. Total Depth

1550'

21. Plug Back T.D.

1495'

22. If Multiple Compl., How Many

23. Intervals Drilled By

Rotary Tools

0 - TD

Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name

1264'-69', 1272'-80', 1287'-97'

25. Was Directional Survey Made

No

26. Type Electric and Other Logs Run

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	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	36#	126' KB	12-1/4"	100 sks "B" + 2% CaCl ₂	-0-
4-1/2"	10.79#	1535' KB	6-3/4"	100 sks 65-35 Poz-Tail IN W/115 sks "B" *	-0-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
	None				2-3/8"	1298'	-----

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

1264'-69' > w/4 JSPF
1272'-80' > w/4 JSPF
1287'-97' w/1 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
1287'-97'	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 pump)				Well Status (Prod. or Shut-in)	
						SI	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas-Oil Ratio
10-5-79	24	3/4"	→	-0-	425	85	NA
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
100 psi	180 psi	→	-0-	425	85	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

Hear B. Barnes

TITLE

District Production Engineer

DATE

10-15-79

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 _____ 912'	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____ 1262'	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. Galiup _____	T. Ignacio Qtzte _____
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)

[illegible]

SAMPLE DESCRIPTION

140 - 50	100% Sh: gry-drk gry, soft
50 - 60	90% Sh: AA 10% Chert: milky, crs-g, sbrnd, translucent
60 - 70	100% Sh: AA
70 - 80	40% Ss: clr, m-crs-g, sbang, some lse, porous, <u>N-S</u> 60% Sh: AA
80 - 90	50% Ss: AA 50% Sh: AA
90 - 200	70% Ss: clr, fn-m-g, sbrnd, lse, porous, <u>N-S</u> 30% Sh: AA
200 - 10	No Sample
10 - 20	50% Ss: AA 50% Sh: AA
20 - 40	100% Ss: AA
40 - 50	50% Ss: AA 50% Sh: lt gry, soft, some silty
50 - 70	N.S.
70 - 80	10% Ss: clr, fn-vy crs-g, sbang, lse, porous, <u>N-S</u> 90% Sh: lt gry, firm
80 - 300	30% Ss: AA 70% Sh: AA
300 - 10	30% Ss: clr, m-g, sbrnd, lse, porous, <u>N-S</u> 70% Sh: gry, silty, firm
10 - 30	70% Ss: AA 30% Sh: AA
30 - 40	50% Ss: AA 50% Sh: AA
40 - 50	90% Sh: AA 10% Chert: brn, vy crs-g, sbang
50 - 60	100% Sh: AA
60 - 70	80% Sh: AA 20% Chert: clr-yel vy crs-g, sbrnd-sbang, translucent
70 - 80	50% Sh: AA 50% Chert: AA

380 - 90 100% Sh: gry, speckled w/blk, soft, swelling

90 - 410 20% Ss: lt gry, fn-g, sbrnd-sbang, shaly, clay fld,
firm, porous, N-S
60% Sh: AA
20% Chert: clr, m-crs-g, sbang

10 - 20 N.S.

20 - 30 20% Sh: drk gry, firm, silty
80% Chert: milky, vy crs-g, sbrnd

30 - 80 50% Sh: gry, soft
50% Ss: clr, m-g, sbang, lse, porous, N-S

80 - 90 N.S.

90 - 500 50% Ss: lt gry, vfn-fn-g, sbrnd, shaly, clay fld, sl
porous, N-S
50% Sh: AA

500 - 10 10% Ss: clr, fn-g, sbrnd, sl shaly, friable, porous, N-S
90% Sh: AA

10 - 20 20% Ss: AA
80% Sh: AA

20 - 30 10% Ss: AA
90% Sh: gry-drk gry, sl sandy, firm

30 - 40 100% Sh: AA
Tr. Ss: AA

40 - 50 10% Ss: clr, vfn-fn-g, sbrnd, some firm, some lse,
porous, N-S
90% Sh: AA

50 - 60 80% Ss: clr-lt gry, m-g, sbang, shaly, mod clay fill,
porous, N-S
20% Sh: AA

60 - 80 N.S.

80 - 90 90% Ss: clr, m-g, sbrnd, lse, porous, N-S
10% Sh: gry-drk gry, sl carb.

90 - 600 N.S.

600 - 10 50% Ss: clr, fn-m-g, sbrnd, mod clay fld, sl. shaly,
sl porous, N-S
50% Sh: AA

10 - 30 100% Sh: gry, sandy, firm

630 - 820 N.S.

20 - 40 100% Sh: gry, firm

40 - 50 100% Sh: gry, firm

50 - 900 N.S.

900 - 10 10% Ss: clr, fn-m-g, sbrnd, lse, clean, porous, N-S
90% Sh: gry, firm, laminated

10 - 30 90% Ss: clr-gry, fn-m-g, sbrnd, some lse, mostly firm
w/mod clay fill, fair porosity, N-S
10% Sh: AA

30 - 40 90% Ss: AA
10% Sh: AA

40 - 50 80% Ss: AA
20% Sh: AA

50 - 80 10% Ss: AA
80% Sh: lt gry, sandy, firm
10% Chert: clr-orange-brn, translucent, vy crs-g,
sbang-sbrnd

80 - 90 30% Ss: AA
60% Sh: AA
10% Chert: AA

90 - 1000 10% Ss: lt gry, fn-g, sbrnd, vy clay fld, poss. sl.
porosity, N-S
80% Sh: lt gry-drk gry, firm
10% Chert: lt brn-clr, translucent, vy crs-g, sbrnd

1000 - 10 100% Sh: AA

10 - 20 20% Ss: gry, m-g, sbrnd, firm, hvy clay fld, some shaly,
tite, N-S
70% Sh: AA
10% Chert: clr, translucent, vy crs-g, sbrnd-sbang

20 - 30 100% Sh: lt gry-drk gry, firm, some very carbonaceous

30 - 50 10% Ss: clr, fn-m-g, sbrnd, hard, vy clay fld, cherty,
tite, N-S
80% Sh: AA
10% Chert: clr-lt gry, translucent in part, vy crs-g,
sbang

50 - 70 10% Ss: AA
90% Sh: gry, firm, vy carbonaceous

70 - 80 100% Sh: AA

1080 - 90 N.S.

90 - 1100 70% Sh: AA
30% Chert: clr-lt gry, translucent, vy crs-g, sbrnd

1100 - 10 100% Sh: AA

10 - 20 10% Ss: clr, m-g, sbrnd, lse, porous, N-S
90% Sh: lt gry-gry, firm, carb, pyritic, sandy in part

20 - 30 100% Sh: AA

30 - 40 40% Ss: clr-lt gry, m-g, sbrnd, lse, porous, N-S
60% Sh: AA

40 - 50 100% Sh: AA

50 - 70 20% Ss: clr, m-g, sbang, sl clay fld, some lse, prob.
porous, N-S
80% Sh: AA

70 - 1200 20% Ss: AA
60% Sh: AA
20% Chert: lt brn, m-g, sbrnd, translucent

1200 - 10 100% Sh: AA

10 - 20 50% Sh: AA
50% Coal: blk, vitreous

20 - 30 20% Ss: clr-lt gry, m-g, sbrnd, mod clay fld, firm,
sl porous, N-S
40% Sh: AA
40% Coal: AA

30 - 40 100% Coal: blk, vitreous

40 - 50 30% Sh: gry, firm
70% Coal: AA

50 - 60 100% Coal: AA

60 - 70 50% Ss: gry-brn-blk, m-crs-g, sbrnd, mod clay fill,
shaly, calc, coaly, hard, prob. tite, N-S
50% Coal: blk, shaly, sandy

70 - 80 30% Ss: AA
70% Coal: blk, vit.

80 - 1300 60% Ss: lt gry, m-g, sbrnd, arkosic, shaly, clay fld,
calc, sl porous, N-S
20% Sh: gry, firm
20% Coal: AA

1300 - 10 30% Ss: AA
70% Coal: AA

1310 - 20 20% Ss: lt gry, fn-m-g, sbrnd, arkosic, calc, clay fld,
hard, tite, N-S
20% Sh: gry, firm
60% Coal: blk, vit.

20 - 30 50% Ss: lt gry, fn-g, sbrnd, sl arkosic, mod calc,
mod clay fld, firm, sl porous, N-S
40% Sh: drk gry, carb, firm
10% Coal: blk, vit.

30 - 40 90% Ss: AA
10% Sh: AA

40 - 50 70% Ss: AA
30% Sh: gry, firm, sandy

50 - 60 50% Ss: lt gry, vfn-fn-g, sbrnd, vy clay fld, vy calc,
firm, tite, N-S
50% Sh: AA

60 - 70 50% Ss: AA
30% Sh: AA
20% Coal: blk, shaly

70 - 80 20% Ss: lt gry-wht, vfn-g, sbrnd, vy clay fld & calc,
hard, tite, N-S
70% Sh: lt gry, firm
10% Coal: blk, vit, some shaly

80 - 90 40% Ss: AA
50% Sh: AA
10% Coal: AA

90 - 1400 10% Ss: AA
80% Sh: AA
10% Coal: AA

1400 - 10 20% Sh: AA
80% Coal: blk, vit.

10 - 20 50% Sh: AA
50% Coal: AA

20 - 30 70% Sh: AA
30% Coal: AA

30 - 50 N.S.

50 - 80 20% Ss: gry, fn-g, sbrnd, lse, porous, N-S
80% Coal: blk, vit.

80 - 1500 N.S.

1500 - 10 30% Ss: AA
40% Sh: lt gry, firm
30% Coal: AA

1510 - 1550 TD 100% Sh: gry brn, firm, silty