

STATE OF COLORADO  
OIL AND GAS CONSERVATION COMMISSION

DEPARTMENT OF NATURAL RESOURCES

File one copy for Patented, Federal and Indian lands.  
File in duplicate for State lands.



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COLORADO OIL & GAS CONSERVATION COMMISSION

05-069-06147

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  
**The Termo Company**

3. ADDRESS OF OPERATOR  
**P.O. Box 2767 Long Beach, CA 90801**

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface **660' FNL 660' FWL NW $\frac{1}{4}$**

At top prod. interval reported below **Same as above**

At total depth **Same as above**

NAME OF DRILLING CONTRACTOR  
**BANNER DRILLING CO.**

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
**Golden Triangle Ltd.**

9. WELL NO.  
**1**

10. FIELD AND POOL OR WILDCAT OR AREA  
**NE 1/4 Sec 21 T6N R68W Wildcat**

11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
**Sec. 21 T6N R68W**

14. PERMIT NO. **821136** DATE ISSUED **6/9/82**

12. COUNTY **Larimer** 13. STATE **Colorado**

15. DATE SPUDDED **6/14/82** 16. DATE T.D. REACHED **7/28/82** 17. DATE COMPL. (Ready to prod. or Plug & Abd.) **1/17/83**

18. ELEVATIONS (DF, REB, RT, GR, ETC.) **4913' KB** 19. ELEV. CASINGHEAD **4902'**

20. TOTAL DEPTH, MD & TVD **6596' Drill.** 21. PLUG BACK T.D., MD & TVD **6554'**

22. IF MULTIPLE COMPL. HOW MANY **N.A.** 23. INTERVALS DRILLED BY ROTARY TOOLS **Surface TD** CABLE TOOLS **None**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)  
**Greenhorn 6,160' - 70'**

25. WAS DIRECTIONAL SURVEY MADE **None**

26. TYPE ELECTRIC AND OTHER LOGS RUN  
**Dual Ind-SFL Comp. NFD-GR**

27. WAS WELL CORED YES  NO  (Submit analysis)  
DRILL STEM TEST YES  NO  (See reverse side)

28. 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"	24	211'	12-1/4	140 sacks	None
5-1/2"	15.5	6592'	7-7/8	63 sacks thick set	None
5-1/2"	DV	6144'	7-7/8	300 sacks thick set	None

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"	6419'	None

31. PERFORATION RECORD (Interval, size and number)  
**6160' - 67' with 6 - 1 11/16" jets/foot total 44 holes**

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
Natural	none

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
1/3/82	Pumping 2" X 1-1/4" X 16' BHP	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/5/82	24			4	11	0	2750:1

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR)
	10 psi		4	11	0	41

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
**used on lease**

TEST WITNESSED BY  
**Mr. Elworthy**

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED \_\_\_\_\_ TITLE **President** DATE **1-28-83**

## 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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
SUSSEX	2710'	2750'	Ss, lt. grey, glauc., soft & friable, well-cem., occ. blk. chert gr. (S&P), poor P&P, wet, NSOF.
SHANNON	3180'	3220'	Flood of ss, lt. grey, med. gr., sub-rnd., S&P, friable, soft, fair to good P&P, weak gold fluor., fair show.
NIOBRARA	5750'	5780'	Shale, calc., dk. grey to gr.-brn., tr. inoceramus prisms, fissile to blk., occ. frac., no visible stn. NSOF.
	5840'	5870'	Sh, aa, becoming more calc. w/numerous marly brn inclusions, incr. in frac., tr. ino. & amonite shells, no visible stn. NSOF.
CODELL	5970'	5990'	Ss, lt. tan, even lt. stn., f-med. gr. v. soft & friable, poorly sorted, fair P&P, even brite yellow fluor., even brittle cut, excellent show.
GREENHORN	6160'	6170'	Sh, dk. gr., micaceous, v. calc. ino. prisms, tr. bent., interbedded w/l.s. brn. dense, occ. frac., free oil in fracs, even brite yellow fluor., excellent show.
MUDDY (J)	6440'	6460'	Ss, lt. grey to v. lt. tan, fnt. lt. vis. stn., mod. hd. to occ. friable, fg, clean, even brite canary yellow fluor., excell. streaming cut, excell. show.
	6460'	6470'	Ss, aa, w/interbeds of lt. gr. SS, occ. white and qtz., vf-fg, highly frac., poor P&P, white clay cement, faint spotty fluor., looks wet, weak show.

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## GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
<u>Formation</u>	<u>Depth</u>	<u>Datum</u>
Parkman	2003'	+2910
Sussex	2686'	+2227
Shannon	3140'	+1773
Niobrara	5622'	- 709
Timpas	5948'	-1035
Codell	5972'	-1059
Carlile	5993'	-1080
Greenhorn	6031'	-1118
Muddy (J)	6438'	-1525
Total Depth	6496'	-1583

CORES: None taken.