| | KANSAS DRILLE | | | | ological S ta, branci | H Sulu | vey | ` | | T. 16 R. 7 E | |
|---|--|-------------------|----------------------------------|---------------|--------------------------|-----------|----------|----------------|----------------------|---|--|
| ϽĽ | API No. 15 — | County | 2012 | nber | | | | | ounty | Morris | |
| | Pperator BMG, INC. | | | | | | | — [| ounty | 640 Acres | |
| ^ | Address 1400 Metro Bank Bldg., 475 17th St., Denver, CO 80202 Vell No. Lease Name | | | | | | | | 160 | 50 160 | |
| 1 | 1-33 Twin Hutchinson | | | | | | | | | | |
| Pi | ootage Location 600 feet from (N) & line 2000feet from & (W) line incipal Contractor Geologist | | | | | | SW | _ | 16 | 60 | |
| | 3 & N Drilling | Total | Jim Jamison Total Pepth P.B.T.D. | | | | | | ocate well correctly | | |
| \int_{2}^{2} | 2/16/77 | | l l | 16' | | | | Ele | ev.: Gr | ocate well correctly 1443 | |
| | Pate Completed | | Oil P | urchaser | | | | ы | | КВ | |
| f | 2/17/77 CASING RECORD | | | | | | | | | | |
| ╌ | Report of all string | s set — surface, | intermediote, 1 | | | | | | | | |
| 十 | Purpose of string | Size hole drilled | Size casing set | | | | Type cem | ent | Sacks | Type and percent | |
| <u>s</u> | Surface | 8 3/4" | 7'' | | 30' | | | | | | |
| Р | roduction | 4 3/4 | 2 3/8 | | 592 | | Regu 1 | ar | 36 | | |
| | , | | | | | | | | | | |
| [| | | | | | | | | | | |
| r | LINER RECORD PER | | | | | | | PERFORAT | FORATION RECORD | | |
| Ŧ | op, ft. | lottom, ft. | Sacks cement Shots per ft | | . Size & type | | | Depth interval | | | |
| | | TUBING RECORD | | | 1 | 1 | | 12 gram | | 468-481 | |
| Si | ize | Setting depth | Packer se | et at | | | | | | | |
| ACID, FRACTURE, SHOT, CEMENT SQUEEZE RECORD | | | | | | | | | | | |
| | | Amou | nt and kind of r | naterial used | | | | | | Depth interval 468-481 Depth interval treated | |
| - | Fraced w/25 s | | | | | | | 468-481 | | | |
| L | Note: This well is to be referforated in Indian | | | | | | | | | | |
| L | Cave in the Near future. | | | | | | | | | | |
| | INITIAL PRODUCTION | | | | | | | | | | |
| 10 | late of first production | | | | | | | | | | |
| | RATE OF PRODUCTION PER 24 HOURS | Gas 0 | | - 1 | Vater | | b.b.l. | Gas-oil ratio | | | |
| | sposition of gas (vented, used on lease or sold) Producing in | | | | | | | ng interval(| bbis. | CFP | |

INSTRUCTIONS: As provided in KCC Rule 82-2-125, within 90 days after completion of a well, one completed copy of this Drillers Log shall be transmitted to the State Geological Survey of Kansas, 4150 Monroe Street, Wichita, Kansas 67209. Copies of this form are available from the Conservation Division, State Corporation Commission, 3830 So. Meridian (P.O. Box 17027), Wichita, Kansas 66217. Phone AC 316-522-2206. If confidential custody is desired, please note Rule 82-2-125. Drillers Logs will be on open file in the Oil and Gas Division, State Geological Survey of Kansas, Lowrence, Kansas

DESIGNATE TYPE OF COMP.: OIL, GAS, DRY HOLE, SWDW, ETC.: Operator BMG, INC. Well No. Lease Name Hutchinson #1-33 s 33 T 16 R WELL LOG SHOW GEOLOGICAL MARKERS, LOGS RUN, OR OTHER DESCRIPTIVE INFORMATION. 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 DESCRIPTION, CONTENTS, ETC. воттом NAME DEPTH TOP 0 8 soil/rock 8 10 1ime 10 20 shale 23 20 11me 23 28 shale 28 30 1ime 30 33 hard lime 49 33 shale 49 52 1ime 72 52 shale 72 90 lime 90 103 shale 119 103 11me 119 129 shale 131 129 1ime 131 165 sha le 168 165 1ime 206 168 shale 206 208 lime 500 208 shale/lime 500 616 shale/sand USE ADDITIONAL SHEETS, IF NECESSARY, TO COMPLETE WELL RECORD. 5 Ceoch **Date Received** Production Manager May 20, 1977