

NEW MILT

STATE OF WEST VIRGINIA DEFARTMENT OF MINES, OIL AND GAS DIVISION

| Daten | | <u>Nov</u> | <u>embe</u> | r 4 | å | 9 | 8(|
|--------|------|------------|-------------|-----|-------|---|----|
| Operat | or's | | | | | | |
| Well E | ο. | R | Gum | #2R | | | |

PORM IV-35 (Obverse)

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| LL TYPE: | 011 | / | Gas X | 1 | Liqui | d Injection | / waste | Disposal / | |
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| | | | | | | | ,feet. | | |
| | | | | | | | | the area? No | |
| Work wa | s comm | encede | ptembe | r 23 | | , 19 <u>80</u> | , and complete | d <u>September</u> | 28 . 19 80 |
| SING AND T | UBING | PROGRA | M | | | | | | |
| DING OR | O Davies | SPEC | IFICATI | ONS | | FOOTAGE | THTERVALS | #CENEUR ETT | PACKERS |
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| grmediate | | | | <u> </u> | | | | | |
| duction | 11 4-2 | | | | | | 55921 | 120 | Desthe set |
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| ers | | | | 1 | | | Page Andrews | | Perforations: |
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| | Elizabeth Company | | | - | and the same of th | 2.55 | Week Committee C | <u> </u> | |
| IN FLOW DA' | TA | | £2. } | ***** 6 | | | | | |
| Produci | ng fori | mation | Blg Bens | inju son | n | | | Pav zone depth | 2462 5235 (Feet |
| | | | | | | | | | |
| O.a. | | | | | | Mcf/d | | open flow, | |
| | ة شد ا | | | | | | | sts, hours | the the state of the |
| 0 - | n 6 4 : | | | | | | | | |
| | | | | | | | measurement) | after hou | rs snut in |
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| | | | | and the second | MATRICIA SPECIAL SPECI | Resistance and particular and a second second | | | 0 Bt3/d |
| d | F1: | hal ope | n flow, | (3 | 5,000 | Mcs/d | Final o | gen flow, | 0 351/3 |

Time of open flow between initial and final tests, 12 hours NOV 25 1980

Static rock pressure, 800 psig (surface measurement) after 12 hours shulling

AILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC.

Fractured October 3, 1980

E1k - 20,000 lb. 80/100 sand 40,000 lb. 20/40 sand 1750 lb. breakdown 406 bbls. water 20.8 BPM at 2340 lb.

Benson - 10,000 lb. 80/100 30,000 lb. 20/40 1600 lb. breakdown 290 bbls. water 16 BPM at 2280 lb.

Injun - 50,000 lb. 20/40 1900 lb. breakdown 547 bbls. water 24 BPM at 1835 1b.

Perfs - 5525 - 5560, 8 holes

Perfs - 5232 - 5235, 6 holes Perfs - 2426 - 2462, 9 holes

L LOG

| | | 1 | 1 | | |
|--|--|--|--|----------------|--|
| FORMATION | Color | llard or Soft | 28 Top Feet | Bottom Feet | Remarks Including indication of all fresh and salt water, coal, cil and ;as |
| | - | | | | and sale rate, coal, cil and :,as |
| | Tariff Angles | | _ | | |
| Sand & shale | | | .0 | 215 | Water 160' |
| Shale & red rock | | | 215 | 652 | |
| Sand & shale Sand | | | 652 | 800 | |
| Sand & shale | H-construction (A) | | 800 | 1115 | ·- |
| Lime | | | 1115 | 2288 | |
| Pencil cave | | and the state of t | - 2288 | 2317 | |
| | | | 2317 | 2333 | |
| Big Lime | | | - 2333 | 2382 | |
| Injun sand | | 200 | 2382 | 2434 | • |
| Sand & shale Gantz sand | | | 2434 | 2750 | |
| | | - 9 | 2750 | 2777 | |
| Sand & shale | | | 2777 | 5231 | |
| Benson sand | | - Section of the sect | - 5231 | 5240 | |
| Sand & shale | 4 | ubrogama. | 5240 | 5500 | |
| Elk sand | | 200 day | 5500 | 5570 | |
| Sand & shale | | | 5570 | 5708 | |
| Total Depth | | | 5708 | | |
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(Attach separate sheets to complete as necessary;

| | | Car | son | Petroleum | Corporati | ion | |
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| 17.5 | > Δσ | ent | | | | | |

Regulation 2.02(i) provides as follows:

"The term 'log' or 'well log' shall mean a systematic, detailed geologial record of all formations, including coal, encountered in the drilling of a well."

| 4 | | | | | | | | _ | | | 1 15 | с | 2 T T T | ~ 7 | 277 | a |
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| FURF | 7 4 | | | I I want | | DEP | ARTI | MENT | OF | MINE | S, | OI. | L A | ND | G A | A. |
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| JL | ΛND | GAS | WELL | PERMIT | APPLICATION |
|----|-----|-----|-------------|--------|-------------|
| | | | | | |

Date: <u>September 16</u>, 19<u>80</u> ND GAS DIVISION

| Well No. | | B. Gu | m #2B | |
|----------|-------|-------|-------|---------------|
| API Well | i No. | | - 017 | 2828 Permi |

| ELL TYPE: | 011/ Gas <u>X</u> / | | | | |
|-----------------|---|---------------------|--|--|--|
| | (If "Gas", Production X / | Underground | storame/ | Deep/ | Shallow X /) |
| DCATION: | Elevation: 1243 | Watershed: | Sand Fork | of Fink Cre | ek |
| | District: New Milton | County: <u>Dodd</u> | ridge Դս | adrangle: <u>Ne</u> | w Milton |
| ELL OPERAT | OR <u>Carson Petroleum Corpo</u> | ration | DESIGNATED AGE | NT Clay Jo | hnson |
| Addres | s <u>P O Box 133</u> | | Address | P O Box | 133 |
| | Sand Fork, WV 26430 | | | and the second s | rk, WV 26430 |
| IL & GAS | | | | | |
| NATLA OMN | ER <u>H. B. & Charlotte Gum</u> | | COAL OPERATOR | N/A | and a second |
| Addres | s <u>New Milton, WV 26411</u> | | Address _ | | * |
| | | <u> </u> | en e | | |
| Acreag | e <u>260.87</u> | e e e e e e | COAL OWNER(S) | WITH DECLARA | TION ON RECORD: |
| IRFACE OWN | ER <u>H. B. & Charlotte Gum</u> | | Name | N/A 5 | A PARTITION OF THE PARTIES AND ADDRESS OF THE PA |
| | s New Milton, WV 26411 | | Address _ | | HE VESCE |
| · : - | | | _ | | |
| Acrean | e <u>260.87</u> | | Name | N/A | SEP 1 6 1980 |
| | (IF MADE) TO: | | Address _ | | |
| .me | N/A | | | | OIL & GAS DIVISION DEPT. OF MINES |
| | S | | COAL LESSEE WI | | |
| | | | Name | N/A | |
| I & GAS I | NSPECTOR TO BE NOTIFIED | | Address _ | | |
| | Paul Garrett | | | | |
| | s Clarksburg, WV 26301 | | | | \$ |
| | 622-3871 | | | | |
| | | an grad y savis | | | ા કો સુક 👣 ન કરા, 🗓 તે ફર્મ |
| | ne undersigned well operator | | | | |
| | der a deed/ lease X | | | | |
| dersigned | well operator from | H. B. Gum and | Charlotte Gum | , his wife | * |
| f said de | ed, lease, or other contract | has been record | led:] | | |
| | NOT OF RECORD, 19, in | | | | |
| | Virginia, in | | | | |
| PROPOSI | ED WORK: Drill X / Drill o | | | | |
| | Plug off old format | tion/ Per | rforate new for | mation/ | |
| | Other physical char | nge in well (spe | cify) | | |
| | | on the work ord | for on the reve | rse side here | of. |
| ψ.) | planned as snown ne above named coal operator | coal owner(s), | , and coal less | ee are hereby | notified that any |
| iontion th | ney wish to make or are requ | lred to make by | Code § 22-4-3 | must be filed | with the Department |
| | thin fifteen (15) days after | | | | |
| er til som sign | nies of this Permit Applicat | ion and the end | losed plat and | reclamation | plan have been mailed |
| register | ed mail or delivered by hand | to the above na | med coal opera | tor, coal own | per(s), and coal lesse- |

or before the day of the mailing or delivery of this Permit Application to the Department of Hines at

EASE SUBMIT COPIES OF ALL OPHYSICAL LOGS DIRECTLY TO: CT VIRGINIA OIL AND GAS

CONSERVATION COMMISSION
15 WASHINGTON STREET EAST
ARLESTON, WV 25311

LEPHONE: (304) 345-1092

arleston, West Virginia.

SIANKET POND

Carson Petroleum Corporation
Well Descriptor

By Jeura & Cochran



PROPOSED WORK ORDER

THIS IS AN ESTIMATE ONLY:

ACTUAL INFORMATION MUST BE SUBMITTED ON FORM IV-35 UPON COMPLETION

| LLING CON | | | and the second | | | | g, inc. | | | |
|----------------------------|-------------------------------|--------------------|---|---|---------------------------------------|--|--|--|--|--|
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| | | | | | | khannon, W | V 26201 | | | |
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| | | | | | | jun | | Retorn V | cable tools | .e. , |
| | | | | | | | | Rotary X / | | |
| | | | | | | | | , feet, | | |
| Approxi | mate co | al sea | am depths | : | None | T § | coal being m | ined in the area | ? Yes/ | No X |
| ING AND T | HERMA D | PACPA | M | | -1 | | | · · · · · · · · · · · · · · · · · · · | _ | er age som e |
| | | | IFICATION | · c | M | FOOTAGE | INTERVALS | CEMENT FILL-UP | | • |
| ING OR ING TYPE | _ | SFEC. | Weight | | In a d | Pon Anilling | Teft in wel | OR SACKS 1 (Cubic feet) | | |
| | Size | Grade | per It N | ew I | JSEQ. | COP GITTETIN | 5 10 11 401 | | Kinds | == |
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| sh water | 8 5/8 | | | | | 1100' | 1100' | To surface | | \$1925° |
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| duction | 4 ¹ / ₅ | | | | | | 2200' | 100 Hs or | Depths set | |
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| | ist/ | 154 | $\sum_{i=1}^{n}$ | £ | ₩?- | | ه مداهد مداهد مداهد است. مداهد بهدایت مهدایت است. از این این این از این | | | - Mare than Marin Steel Wile Steel, Steel Steel |
| Th | e follo | wing i | מחל חלנו | st b | rded | pleted by the declaration | he coal opera | itor and by any c 2 § 22-4-20, if t | oal owner he permit | |
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| ation has l locatio | examir n, the | ed th | is propos location done at t of the We | ed whas his st V | or ell 1 been locat irgin | owner ocation. I added to the ion, providia Code and | less f a mine map e mine map. | see / of the exists which coursely make undersigned operator has come regulations. | has no object | tion to |
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