

CERTIFICATE

- NEW LOCATION
- RECONDITION
- DRILL DEEPER
- ABANDONMENT

"I, the undersigned, hereby certify that this map is correct to the best of my knowledge and belief and shows all the information required by paragraph 6 of the rules and regulations of the oil and gas section of the mining laws of West Virginia."

Minimum degree of accuracy is one part in 500

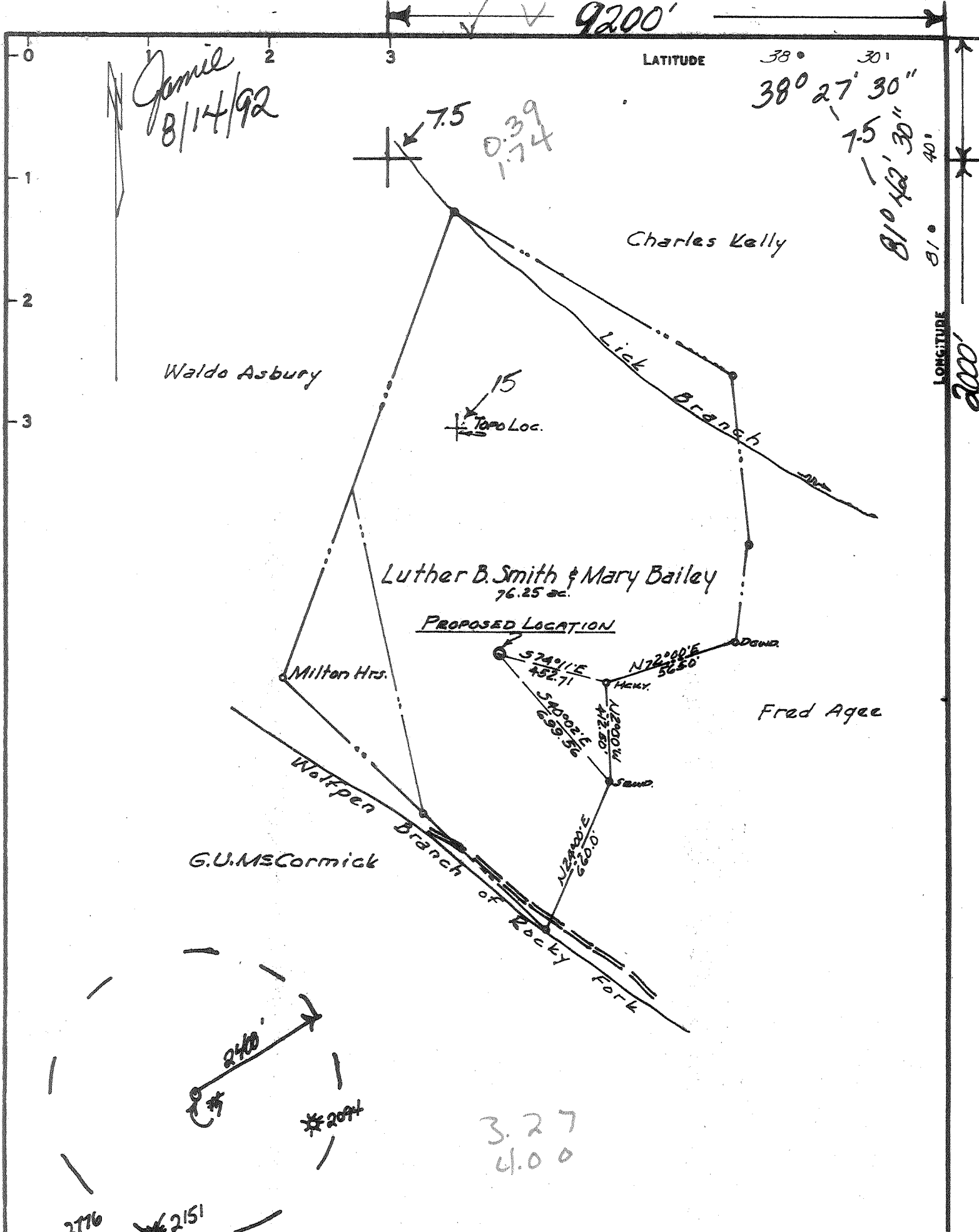
Signed Ray Barton # 3204

COMPANY	<u>Jamaco Properties, Inc.</u>		
ADDRESS	<u>P.O. Box 550, Alexandria, Louisiana</u>		
FARM	<u>Luther B. Smith & Mary Bailey</u>		
MAP	ACRES	LEASE NO.	
	<u>76 1/4</u>		
WELL (FARM) NO.		SERIAL NO.	
	<u>1</u>		
ELEVATION (SPIRIT LEVEL)	<u>878.77</u>		
QUADRANGLE	<u>Charleston NW</u>		
COUNTY	DISTRICT		
<u>Kanawha</u>	<u>Union</u>		
POINT OF PROVEN ELEVATION	<u>U.S.G.S. ELEV. 599 ROAD INTER-SECTION AT MOUTH OF WOLFREN BR.</u>		
FILE NO.	DRAWING NO.		
DATE	<u>Oct. 10, 1966</u>		
	SCALE	<u>1" = 500'</u>	

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
 FILE NO. KAN-2084

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

Rocky Fork Field discovery well DEEP WELL
1-1-66 3124



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- NEW LOCATION
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COMPANY Viking Energy 1095
 ADDRESS 13366 Sissonville, W.V. 25360
 FARM Luther B. Smith & Mary Bailey
 MAP _____ ACRES 76 1/4 ac. LEASE NO. _____
 WELL (FARM) NO. 1 SERIAL NO. _____
 ELEVATION (SPIRIT LEVEL) 878.77 NW
 QUADRANGLE Charleston 15 / Beatahio 7.5
 COUNTY Kanawha DISTRICT Union 9
 POINT OF PROVEN ELEVATION U.S.G.S. ELEV. 599 ROAD INTER-SECTION AT MOUTH OF WOLFPEN BR.
 FILE NO. _____ DRAWING NO. _____
 DATE Oct. 10, 1966 SCALE 1"=500'

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP
API Well No. 47-039-2084-F

+ DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS. SCALE 1 TO 62,500. LATITUDE AND LONGITUDE LINES BEING REPRESENTED BY BORDER LINES AS SHOWN.
 - DENOTES ONE INCH SPACES ON BORDER LINE OF ORIGINAL TRACING.

DEEP WELL DWWD 6.6 Elk. Poca (Sissonville) (192)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Rotary
Spudder
Cable Tools
Storage

Quadrangle Charleston

WELL RECORD

Permit No. KAN- 2084

Oil or Gas Well GAS
(KIND)

Company <u>JAMACO PROPERTIES, INC.</u>	Casing and Tubing	Used in Drilling	Left in Well	Packers
Address <u>P.O. BOX 550</u>	Size			
Farm <u>ALEXANDRIA, LOUISIANA</u>	16			Kind of Packer
Acres <u>76.25 a.</u>	13	35'	35'	For Packer Shoe
Location (waters) <u>SMITH & BAILEY</u>	10	1995'	1995'	Size of <u>5 1/2"</u>
Well No. <u>ROCKY BRANCH (Wolfpen)</u>	8 1/4			Depth set <u>551 1/2</u>
Elev. <u>878.77'</u>	6 3/4			
District <u>ONE</u>	5 3/16	5511'	5511'	
County <u>UNION</u>	3			Perf. top
County <u>KANAWHA</u>	2			Perf. bottom
The surface of tract is owned in fee by <u>Mr. Luther Smith</u>	Liners Used			Perf. top
Address <u>Tyler Mountain, W. Va</u>				Perf. bottom
Mineral rights are owned by <u>L.B. Smith & Mary Bailey</u>				
Address <u>Tyler Mountain, W. Va.</u>				
Drilling commenced <u>10/19/66</u>				
Drilling completed <u>11/6/66</u>				
Date Shot <u>none</u> From <u>none</u> To <u>none</u>				
With <u>none</u>				

Attach copy of cementing record.
CASING CEMENTED 5 1/2 SIZE 5511 No. Ft. 11/4/66 Date
Amount of cement used (bags) 200
Name of Service Co. Halliburton
COAL WAS ENCOUNTERED AT Surface FEET. INCHES
FEET. INCHES FEET. INCHES
FEET. INCHES FEET. INCHES

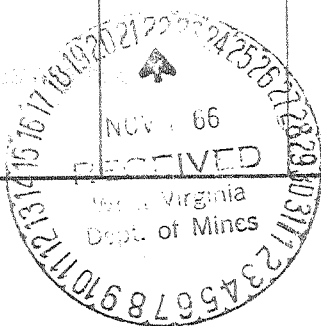
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume 28,569,000 MM Cu. Ft.
Rock Pressure - lbs. hrs.
Oil none bbls., 1st 24 hrs.
WELL ACIDIZED (DETAILS) no
WELL FRACTURED (DETAILS) no

RESULT AFTER TREATMENT (Initial open Flow or bbls.) 63 million cu. ft. 63,000 mcf
ROCK PRESSURE AFTER TREATMENT 2165 psi HOURS 3 days
Fresh Water Feet Salt Water 1345' Feet
Producing Sand Newburg - Depth 5585'-90' -driller

Deep Well

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
sand		h	0	35			Gamma Ray
shale		h	35	51			"
sand		h	51	56			"
shale & sand	R&G	s	56	167			"
sandy shale		s	167	517			Driller & GR
shale		h	517	555			GR
sand & shale		s	555	770			Driller & GR
sand		s	770	1215			Driller
sandy shale		s	1215	1270			"
sand		s	1270	1355	water	1345	"
sand & shale		h	1355	1513			GR
shale		s	1513	1615			GR
sand		h	1615	1780			Driller
lime		h	1780	1853			Big Lime (1714)
sandy lime		h	1853	1909			Injun GR
sand & shale		s	1909	1985			GR
shale		s	1985	2338			GR
sand		h	2338	2349			Berea -GR
shale		s	2349	4748			GR
shale		h	4748	4771			Marcellus
chert		h	4771	4883			Onondaga
sand		h	4883	4944	Gas - 92m	4900	Oriskany

-OVER-



Formation	Color	Hard or Soft	Top 18'	Bottom	Oil, Gas or Water	Depth Found	Remarks
limestone & dolomite sand	(Holdenberg Canyon)	h s	4944 5585	5585 5588	gas	5585'	GR & Driller driller Newburg
TD				5590'			
Ran and cemented 5 1/2" casing on formation packer shoe at 5512' - 11/4/66							
Ran McCullough Gamma Ray - Neutron through pipe on 11/11/66.							
					5585 887 4696		

Date November 21, 19 66

APPROVED JAMACO PROPERTIES, INC. _____, Owner

By John H. Adams Consultant

WR-35

NOV 2 2 93

Permitting
Office of Oil & Gas

23-Oct-92

API # 47-039-02084 F

State of West Virginia
Division of Oil and Gas

Well Operator's Report of Well Work

Name: Smith, Luther B.

Operator Well No. S&B 1-820328

LOCATION: Elevation: 878.00 Quadrangle: Pocatalico
District: Union County: Kanawha
Latitude: 2000 Feet South of 38 Deg. 27 Min. 30 Sec.
Longitude: 9200 Feet West of 81 Deg. 42 Min. 30 Sec.

Company:

Viking Energy Corporation
P.O. Box 13366
Sissonville, WV 25360
Agent: Michael Pinkerton
Inspector: Carlos W. Hively
Permit Issued: 10-26-92
Well work Commenced: 10-27-92
Well work Completed: 11-09-92
Verbal Plugging _____
Permission granted on: _____
Rotary _____ Cable _____ Rig _____
Total Depth (feet) 5129'
Fresh water depths (ft) n/a
Salt water depths (ft) n/a

Casing & Tubing	Used in Drilling	Left in Well	Cement Fill up Cu.Ft.
Size			
5 1/2"		*5131'	* cf
2 3/8"		3974'	

Is coal being mined in area (Y/N)? N

Coal Depths (ft): _____

* See Back

OPEN FLOW DATA

Producing formation Devonian Shale Pay zone depth (ft) _____ *
Gas: Initial open flow 179 MCF/D Oil: Initial open flow 0 Bbl/d
Final open flow 153 MCF/D Final open flow 0 Bbl/d
Time of open flow between initial and final tests 24 Hours
Static rock Pressure 820 psig (surface pressure) after 24 Hours

Second producing formation _____ Pay zone depth (ft) _____
Gas: Initial open flow _____ MCF/D Oil: Initial open flow _____ Bbl/d
Final open flow _____ MCF/D Final open flow _____ Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING; 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS, INCLUDING COAL ENCOUNTERED BY THE WELLBORE.

FOR: Viking Energy Corporation

BY: W Thomas White Consultant

DATE: 12-29-92

TM6

JUL 30 1993

STIMULATION SUMMARY

Partial Plugging Data:

Set 4.24 Bridge plug @ 5131' with Calseal on top and another
4.24 Bridge plug @ 4200'

Total Depth inside 5 1/2" at 5129'.

Squeeze Cement Data:

Attempt to squeeze cement 5 1/2" casing - unsuccessful

Recompletion Data:

Devonian "Brown" Shale ^{813 813} 3896-4067' 20 holes

(After perforating - tested for circulation with N2
backside 5 1/2" held good)

75 quality foam frac, 40,000 lbs 20/40 sand

See original record for additional formation information and flow data.

DF-545
DF-535

JD 5590

14722

NUG 1 2

- 1) Date: August 5, 1992
- 2) Operator's well number
Smith & Bailey #1 820328
- 3) API Well No: 47 - 039 - 2084 - FRAC
State - County - Permit

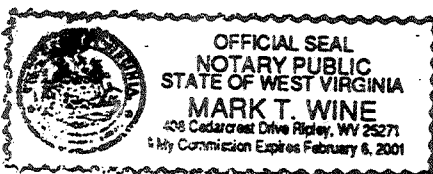
STATE OF WEST VIRGINIA
DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS
NOTICE AND APPLICATION FOR A WELL WORK PERMIT

- | | |
|--|---|
| <p>4) Surface Owner(s) to be served:</p> <p>(a) Name <u>Luther B. Smith</u>
Address <u>Rt 4 Box 117</u>
<u>Charleston, WV. 25312</u></p> <p>(b) Name _____
Address _____</p> <p>(c) Name _____
Address _____</p> | <p>5) (a) Coal Operator:</p> <p>Name _____
Address _____</p> <p>(b) Coal Owner(s) with Declaration
Name <u>Arnie H. Bailey</u>
Address <u>1706 Cliffview Ave.</u>
<u>Charleston, WV. 25312</u></p> <p>Name _____
Address _____</p> <p>(c) Coal Lessee with Declaration
Name _____
Address _____</p> |
| <p>6) Inspector <u>Carlos Hively</u>
Address <u>223 Pinch Ridge, Road</u>
<u>Elk View, WV. 25071</u>
Telephone (304)- <u>965-6069</u></p> | |

TO THE PERSON(S) NAMED ABOVE TAKE NOTICE THAT:

_____ Included is the lease or leases or other continuing contract or contracts by which I hold the right to extract oil and gas OR
 Included is the information required by Chapter 22B, Article 1, Section 8(d) of the Code of West Virginia (see page 2)
 I certify that as required under Chapter 22B of the West Virginia Code I have served copies of this notice and application, a location plat, and accompanying documents pages 1 through _____ on the above named parties, by:
 Personal Service (Affidavit attached)
 Certified Mail (Postmarked postal receipt attached)
 Publication (Notice of Publication attached)

I have read and understand Chapter 22B and 38 CSR 11-18, and I agree to the terms and conditions of any permit issued under this application.
 I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete.
 I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.



Well Operator Viking Energy, Inc.
 By: Michael Parkhurst
 Its: Designated Agent
 Address P. O. Box 13366
Sissonville, WV. 25360
 Telephone 304-984-3389

Subscribed and sworn before me this 6 day of August, 1992

Mark T. Wine Notary Public

039-2084-Frac

Issued 10/26/92

FORM WW-2B AUG 1 2

Page 3 of

Expires 10/26/94

STATE OF WEST VIRGINIA DEPARTMENT OF ENERGY, DIVISION OF OIL AND GAS WELL WORK PERMIT APPLICATION

- 1) Well Operator: Viking Energy, Inc. 51440 (9)
2) Operator's Well Number: Smith & Bailey #1 820328 3) Elevation: 878.77'
4) Well type: (a) Oil / or Gas X /
(b) If Gas: Production / Underground Storage / Deep X / Shallow /
5) Proposed Target Formation(s): Criskany Sand 475
6) Proposed Total Depth: 4890 feet Original TD. 5590 Original Production from Newburg
7) Approximate fresh water strata depths: 200' 280' 350'
8) Approximate salt water depths: 1345'
9) Approximate coal seam depths: at surface
10) Does land contain coal seams tributary to active mine? Yes / No X /
11) Proposed Well Work: Perforate and Fracture Criskany Sand
12) Set permanent 100' Cement Plug across Newburg, Run Bond log to check cement above Criskany 3' Spac Criskany well

CASING AND TUBING PROGRAM

Table with 7 columns: TYPE, SPECIFICATIONS (Size, Grade), FOOTAGE INTERVALS (Weight per ft., For drilling, Left in well), CEMENT (Fill-up). Rows include Conductor, Fresh Water, Coal, Intermediate, Production, Tubing, Liners.

PACKERS : Kind Sizes Depths set

For Division of Oil and Gas Use Only

Fee(s) paid: [] Well Work Permit [] Reclamation Fund [] WPCP [] Plat [] WW-9 [] WW-2B [] Bond [] Blanket Agent (Type)