

SIDE ONE

STATE CORPORATION COMMISSION OF KANSAS  
OIL & GAS CONSERVATION DIVISION  
WELL COMPLETION FORM  
ACO-1 WELL HISTORY  
DESCRIPTION OF WELL AND LEASE

Operator: License # 30331

Name: Marvin Goering

Address Rt. 1 Box 43

City/State/Zip Murdock, Kansas 67111

~~Purchaser:~~ PEOPLES NATURAL GAS

Operator Contact Person: Marvin Goering

Phone (316) 297 - 3898

Contractor: Name: EDCO Drilling Co.

License: 5676

Wellsite Geologist: Vernon Schrag STATE CORP.

Designate Type of Completion

New Well  Re-Entry  Workover

Oil  SWD  Temp. Abd. CONSERVATION DIVISION

Gas  Inj  Delayed Comp. Wichita, Kansas

Dry  Other (Core, Water Supply, etc.) STATE CORPORATION COMMISSION

If OWMO: old well info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Comp. Date \_\_\_\_\_ Old Total Depth \_\_\_\_\_ CONSERVATION DIVISION

Drilling Method:

Mud Rotary  Air Rotary  Cable

7-25-90 8-1-90 8-17-90  
Spud Date Date Reached TD Completion Date

API NO. 15- 095 - 21,637 - 0000

County Kingman

~~Sec. 12~~ Sec. 12 Twp. 27 Rge. 6  East  West

2212 Ft. North from Southeast Corner of Section

2213 Ft. West from Southeast Corner of Section  
(NOTE: Locate well in section plat below.)

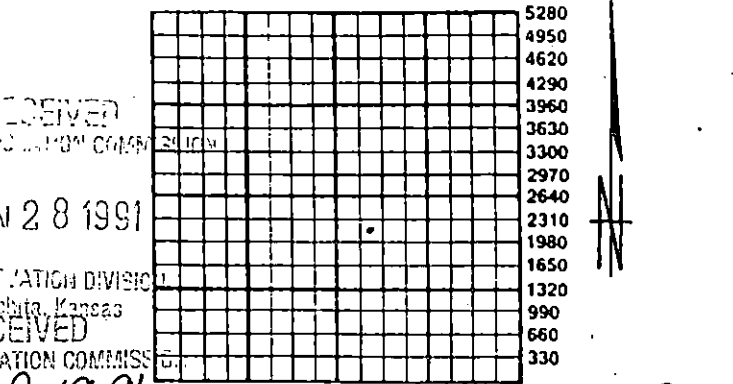
Lease Name Goering Well # 1

Field Name prairie Gem

Producing Formation Douglass Sand

Elevation: Ground 1497(est.) KB 1503(est.)

Total Depth 2842 PBDT none



Amount of Surface Pipe Set and Cemented at 220 Feet

Multiple Stage Cementing Collar Used? Yes  No

If yes, show depth set \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from 228

feet depth to surface w/ 105 sx cmt.

INSTRUCTIONS: This form shall be completed in triplicate and filed with the Kansas Corporation Commission, 200 Colorado Derby Building, Wichita, Kansas 67202, within 120 days of the spud date of any well. Rule 82-3-130, 82-3-107 and 82-3-106 apply. Information on side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form. See rule 82-3-107 for confidentiality in excess of 12 months. One copy of all wireline logs and drillers time log shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells. Any recompletion, workover or conversion of a well requires filing of ACO-2 within 120 days from commencement date of such work.

All requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Signature Marvin Goering  
Title operator Date 12-31-90

Subscribed and sworn to before me this 25<sup>th</sup> day of January, 19 91.

Notary Public Sharon A. Bergkamp

Date Commission Expires August 7, 1991

SHARON A. BERGKAMP  
NOTARY PUBLIC  
STATE OF KANSAS  
MY APPT. EXPIRES 8-7-91

K.C.C. OFFICE USE ONLY  
F  Letter of Confidentiality Attached  
C  Wireline Log Received  
C  Drillers Timelog Received  
  
Distribution  
 KCC  SWD/Rep  NGPA  
 KGS  Plug  Other (Specify)

SIDE TWO

Operator Name Marvin Goering Lease Name Goering Well # 1  
 Sec. 12 Twp. 27 Rge. 6  East  West  
 County Kingman

INSTRUCTIONS: Show important tops and base of formations penetrated. Detail all cores. Report all drill stem tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether split-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface during test. Attach extra sheet if more space is needed. Attach copy of log.

Drill Stem Tests Taken (Attach Additional Sheets.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<b>Formation Description</b> <input checked="" type="checkbox"/> Log <input type="checkbox"/> Sample Name                      Top                      Bottom Heebner                      2737 Toronto                      2752 Douglas                      2763 Douglas Sand                      2798 RTD                      2842 LTD                      2832
Samples Sent to Geological Survey	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Electric Log Run (Submit Copy.)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

**CASING RECORD**  New  Used  
 Report all strings set-conductor, surface, intermediate, production, etc.

Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs./Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
Surface	9 7/8"	7"	18.02	228	GlassA	105	3%cc
Long String Production	6 1/4"	4 1/2"	15.5	2811	Bulk cement	40	
	2"	2"	8	2815			

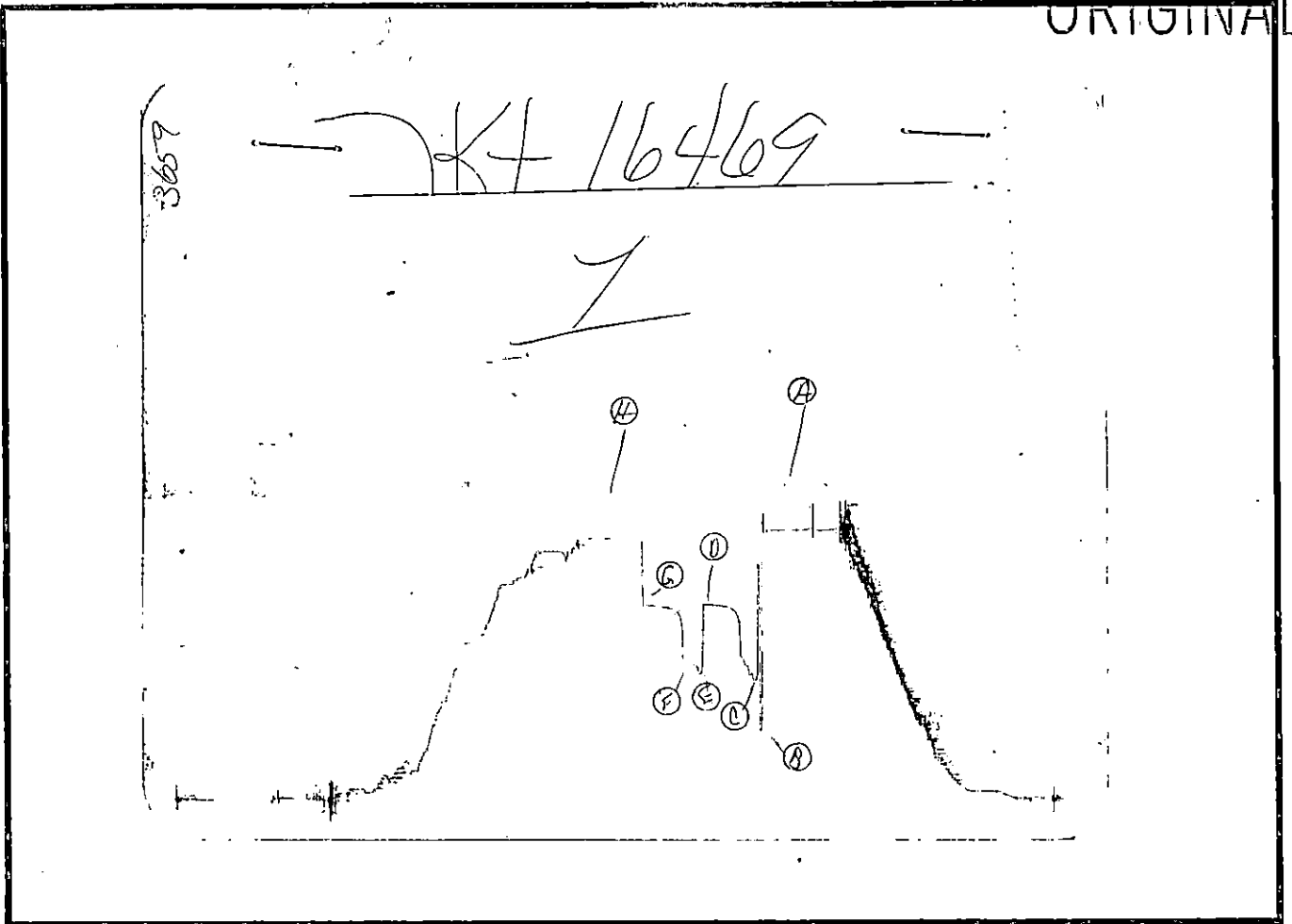
PERFORATION RECORD		Acid, Fracture, Shot, Cement Squeeze Record	
Shots Per Foot	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used)	Depth
2	2798 - 2800	1000' saltwater	2732-2832
2	2800 - 2802	500' saltwater	2762-2832
2	2802 - 2804	500' Saltwater	2782-2832

**TUBING RECORD** Size 2" Set At 2815.45 Packer At 2832 Liner Run  Yes  No

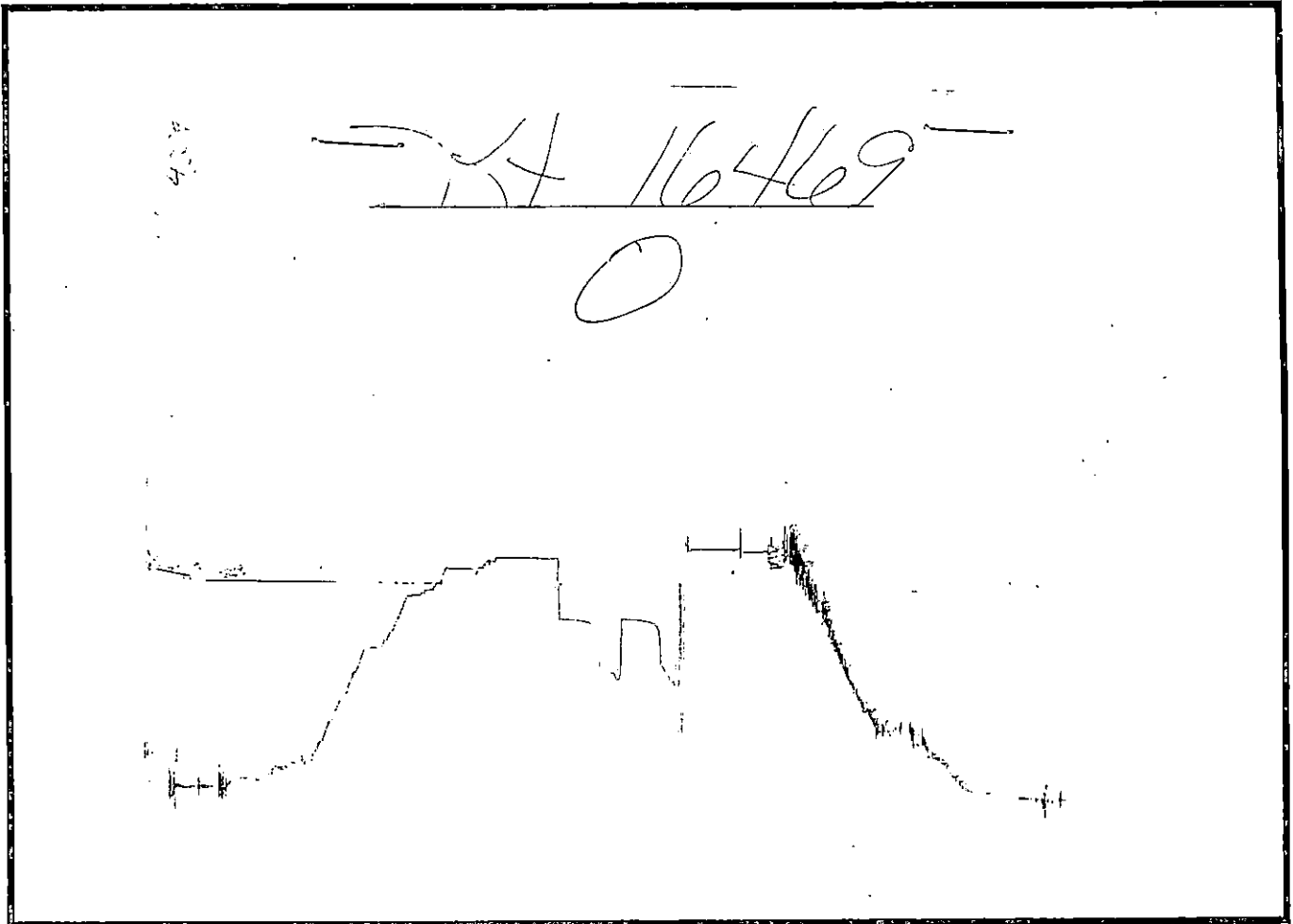
Date of First Production Sept. 20, 1990 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)  
 Estimated Production Per 24 Hours Oil -0- Bbls. Gas 400 Mcf Water -0- Bbls. Gas-Oil Ratio Gravity

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)  
 METHOD OF COMPLETION:  Open Hole  Perforation  Dually Completed  Commingled  
 Other (Specify) \_\_\_\_\_





Inside Recorder



Outside Recorder

WESTERN TESTING CO. INC.  
SUBSURFACE PRESSURE SURVEY

DATE	: 8-1-90	TICKET	: 16469
CUSTOMER	: MARVIN GOERING	LEASE	: GOERING
WELL	: #1 TEST: 1	GEOLOGIST	: SCHRAG
ELEVATION	: NA	FORMATION	: DOUGLAS SAND
SECTION	: 12	TOWNSHIP	: 27S
RANGE	: 6W COUNTY : KINGMAN	STATE	: KANSAS
GAUGE SN#	: 3659 RANGE : 4000	CLOCK	: 12

INTERVAL FROM	: 2763	TO	: 2842	TOTAL DEPTH	: 2842
DEPTH OF SELECTIVE ZONE	:				
PACKER DEPTH	: 2763	SIZE	: 5.75		
PACKER DEPTH	: 2758	SIZE	: 5.75		
PACKER DEPTH	:	SIZE	:		
PACKER DEPTH	:	SIZE	:		

DRILLING CON.	: EDCO #2	VISCOSITY	: 45
MUD TYPE	: STARCH	WATER LOSS (CC)	: 8.1
WEIGHT	: 9.6	SERIAL NUMBER	: 401
CHLORIDES (PPM)	: 75000	REVERSED OUT ?	: NC
JARS-MAKE	: WTC		
DID WELL FLOW ?	: YES		

DRILL COLLAR LENGTH	: 300	FT	I.D. inch	: 0.00
WEIGHT PIPE LENGTH	: 0	FT	I.D. inch	: 0.00
DRILL PIPE LENGTH	: 2436	FT	I.D. inch	: 0.00
TEST TOOL LENGTH	: 27	FT	TOOL SIZE	: 3.50
ANCHOR LENGTH	: 79	FT	ANCHOR SIZE	: 3.50
SURFACE CHOKE SIZE	: .75	IN	BOTTOM CHOKE SIZE	: .75
MAIN HOLE SIZE	: 6.25	IN	TOOL JOINT SIZE	: 3.5 IF

BLOW COMMENT #1	: STRONG BLOW. GAS TO SURFACE IN 9 MIN.
BLOW COMMENT #2	: SALT WATER TO SURFACE IN 10 MINUTES.
BLOW COMMENT #3	:
BLOW COMMENT #4	:



ORIGINAL

WESTERN TESTING CO. INC.  
WICHITA-KANSAS

Pressure Transient Report  
-----

CO  
WE  
GA  
DA

DAT  
NO  
---

COMPANY : MARVIN GOERING  
RIG : KINGMAN-KANSAS  
FIELD : GOERING  
WELL : #1  
DATE : 8-1-90  
GAUGE NO : 3659

OPERATIONAL COMMENTS

GUAGED 227000 8 MIN. INTO FINAL SHUT-IN PERIOD.  
HAD TO WAIT FOR DRILL PIPE TO BE LAID DOWN.

COMPANY : MARVIN GOERING  
 WELL : #1  
 GAUGE # : 3659  
 DATE : 1/ 8/90

FIELD : GOERING  
 JOB # : 16469  
 DEPTH : 2842  
 TEST :

DATA No.	REAL TIME HR:MN:SS	ELAPSE TIME DELTA HOURS	PRESSURE PSIG	TEMP DEG F	DELTA F Pi-P(i-1)
INITIAL FLOW PERIOD					
2	4:45: 0	0.000	667.000	115.00	0.000
3	4:49:59	0.083	703.000	115.00	36.000
4	4:55: 0	0.167	773.000	115.00	70.000
5	5: 0: 0	0.250	802.000	115.00	29.000
INITIAL SHUT-IN PERIOD					
6	5: 3: 0	0.300	1030.000	115.00	228.000
7	5: 6: 0	0.350	1054.000	115.00	24.000
8	5: 9: 0	0.400	1066.000	115.00	12.000
9	5:12: 0	0.450	1073.000	115.00	7.000
10	5:15: 0	0.500	1077.000	115.00	4.000
11	5:18: 0	0.550	1079.000	115.00	2.000
12	5:21: 0	0.600	1080.000	115.00	1.000
13	5:24: 0	0.650	1081.000	115.00	1.000
14	5:27: 0	0.700	1082.000	115.00	1.000
15	5:30: 0	0.750	1083.000	115.00	1.000
FINAL FLOW PERIOD					
16	5:31: 0	0.767	703.000	115.00	-380.000
17	5:34:59	0.833	753.000	115.00	50.000
18	5:40: 0	0.917	758.000	115.00	5.000
19	5:45: 0	1.000	760.000	115.00	2.000
FINAL SHUT-IN PERIOD					
20	5:48: 0	1.050	1025.000	115.00	265.000
21	5:51: 0	1.100	1049.000	115.00	24.000
22	5:54: 0	1.150	1060.000	115.00	11.000
23	5:57: 0	1.200	1065.000	115.00	5.000
24	6: 0: 0	1.250	1069.000	115.00	4.000
25	6: 3: 0	1.300	1073.000	115.00	4.000
26	6: 6: 0	1.350	1075.000	115.00	2.000
27	6: 9: 0	1.400	1077.000	115.00	2.000
28	6:12: 0	1.450	1078.000	115.00	1.000
29	6:15: 0	1.500	1079.000	115.00	1.000

WESTERN TESTING CO. INC.



SERVICE TICKET

ORIGINAL

UNITED CEMENTING & ACID CO., INC.

№ 448

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 7-23-90 COUNTY Ringgem

CHG. TO: Marvin Haring ADDRESS

CITY STATE ZIP

LEASE & WELL NO. Haring #1 SEC. TWP. RNG.

CONTRACTOR Edna TIME ON LOCATION 6 - 1/2

KIND OF JOB Cementing SP. NW.

SERVICE CHARGE: 275.00

QUANTITY	MATERIAL USED TYPE		
105	3/4" Class - H. Cement @	4.65	506.85
4	3/4" Chloride @	20.00	80.00
109	BULK CHARGE x .75		81.75
50.56	BULK TRK. MILES (5.50 x 60 x 50)		165.00
	PUMP TRK. MILES		
1-2"	PLUGS top wooden plug @		22.00
	SALES TAX		44.92
	TOTAL		1,175.52

T. D. 230' CSG. SET AT 228' VOLUME

SIZE HOLE 9 7/8" TBG SET AT VOLUME

MAX. PRESS. SIZE PIPE 7 1/2"

PLUG DEPTH 216' PKER DEPTH

PLUG USED TIME FINISHED 2:59 PM

REMARKS:

116 bag cement / 390 cc / 1" from top / 41 bag cement

EQUIPMENT USED

NAME UNIT NO. NAME UNIT NO.

Roh Regno

CEMENTER OR TREATER OWNER'S REP.

## GENERAL TERMS AND CONDITIONS

All prices are exclusive of any Federal, State or Special Taxes for the sale or use of merchandise or service listed. The amount of taxes required to be paid by the seller shall be added to the quoted prices payable by the buyer.

Unless satisfactory credit has been established, cash payment will be required in advance.

We will make reasonable attempt to get to and from the well under our own power. Should we be unable to do so because of poor or inadequate road conditions, and it becomes necessary to employ a tractor or other pulling equipment, such equipment will be supplied by the customer, or if furnished by us, the cost will be charged to the customer.

We endeavor to design and maintain our equipment to safely service properly drilled and conditioned wells. We carry public liability and property damage insurance, but as there are so many uncertain and unknown conditions not subject to control, we can neither be liable for injuries to property or persons nor for loss or damage arising from the performance of our services or resulting therefrom.

In the event equipment or tools are lost in rendering our services, the customer agrees to make reasonable attempt to recover same. If not recovered, customer agrees to reimburse us for their value.

If a material service is ordered and the customer cancels same after the solution has been prepared, a charge will be made to the customer for the expenses incurred.

Unless otherwise specified, a dead haul charge of \$1.25 per mile, one way, will be made for each service unit ordered but not used.

All prices are subject to change without notice.

All unpaid bills are subject to interest after 60 days from date of invoice

ORIGINAL

ORDER NO. 2937



RECEIVED  
STATE COMMISSION  
EUREKA, KANSAS 67045

TAN 28 1991

DATE 8-2-90

CONSERVATION DIVISION  
WICHITA, KANSAS

Charge To  
Marvin Goering  
Rt. 1  
Murdock, Ks. 67111

Owner Marvin Goering  
Contractor Edco Drilling Co.

FOR CUSTOMER USE ONLY	
Register No.	Voucher No.
Terms Approved	Price Approved
Calculations Checked	
Adjustments	
Accounting Distribution	
Audited	Final Approval

Order No. \_\_\_\_\_ Equipment No. \_\_\_\_\_ Well No. #1 Depth 2848 Farm Goering Size Casing 4 1/2 County Kingman Sec 12 Twp 27 Rpt 6

All Accounts Will Bear 18% Interest After 30 Days.

	AMOUNT
EQUIPMENT CHARGE Longstring	665.00
EQUIPMENT CHARGE pump truck mileage	94.50
Bulk Cement 40 Sacks @ 4.63	185.20
Lite Wate Cement Sacks @	
Pozmix Sacks @	
Salt 200 Pounds @ 4.80	9.60
Cal. Cl. 75 Pounds @ 28.00	21.00
Amon. Cl. Pounds @	
Gel 75 Pounds @ 6.90	5.18
Chip Plug Pounds @	
Sun FR Pounds @	
Hulls Pounds @	
Flocele Pounds @	
Plugs 1 Size 4 1/2 @ 23.50	23.50
Handling & Dumping 40 sks @ .50	20.00
Hauling 2.0 Tons 45 Mileage @ .70	63.00

Subtotal \$ 1086.98

Sales Tax 13.92

Invoice Total \$ 1100.90