

ORIGINAL

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 # 3581

Name: Red Oak Energy, Inc.

Address 111 W. Douglas
Suite 507

City/State/Zip Wichita, KS 67202

Purchaser: _____

Operator Contact Person: Kevin Davis

Phone (316) 681-3852

Contractor: Name: Murfin Drilling Company

License: 6033

Wellsite Geologist: _____

Designate Type of Completion

New Well Re-Entry Workover

Oil SMD Temp. Abd.
 Gas Inj Delayed Comp.
 Dry Other (Core, Water Supply, etc.)

If OWO: old well info as follows:

Operator: _____

Well Name: _____

Comp. Date _____ Old Total Depth _____

Drilling Method:

Mud Rotary Air Rotary Cable

06-02-90 06-08-90 06-09-90

Spud Date Date Reached TD Completion Date

API NO. 15- 15-065-22,570-60-00

County Graham

C W/2 SE SW Sec. 27 Twp. 7S Rge. 23W East West

660 Ft. North from Southeast Corner of Section

3630 Ft. West from Southeast Corner of Section
(NOTE: Locate well in section plat below.)

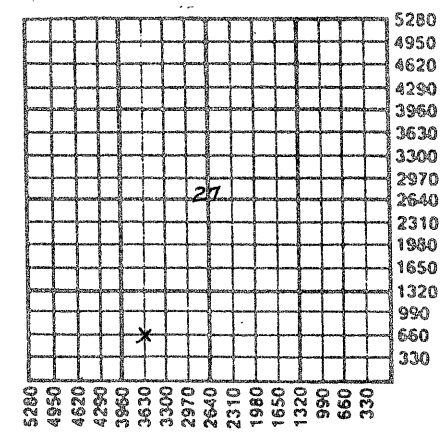
Lease Name Morris Well # 1-27

Field Name Wildcat

Producing Formation "J" zone KC

Elevation: Ground 2367 KB 2372

Total Depth 3870 PBTD _____



Amount of Surface Pipe Set and Cemented at 213 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set D.V. tool 2012' Feet

If Alternate II completion, cement circulated from 2012'

feet depth to surface w/ 425 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 [Signature]

Title Jack E. Goss, Agent for Operator Date 6-27-90

Subscribed and sworn to before me this 27th day of June, 19 90.

Notary Public [Signature]

Melanie Rau

Date Commission Expires 4-18-93



K.C.C. OFFICE USE ONLY
 Letter of Confidentiality Attached
 Wireline Log Received
 Drillers Timelog Received
Distribution
 SWD/Rep NGPA
 Plug Other (Specify)
RECEIVED
STATE CORPORATION COMMISSION
SEP 26 1990
CONSERVATION DIVISION
Wichita, Kansas
9/26/90

SIDE TWO

Operator Name Red Oak Energy Inc. Lease Name Morris Well # 1-27

Sec. 27 Twp. 7S Rge. 23W East West
 County Graham

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 shut-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 Yes No
 (Attach Additional Sheets.)

Samples Sent to Geological Survey Yes No

Cores Taken Yes No

Electric Log Run Yes No
 (Submit Copy.)

Formation Description

Log Sample

Name _____ Top _____ Bottom _____

See enclosed geological report, logs, dsts

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 Production	12 1/4"	8-5/8"		213	60/40 Poz	145	3% cc, 2% gel
		4 1/2"		3854	Surefill	100	
					Lite	425	

Shots Per Foot	Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)	Depth
9	3796-3800	acidize 250 G. 15% mud acid	
		acidize 2000 G. gelled 15% SGA	
		2000 G. gelled KCL water	

TUBING RECORD Size 2 3/8" Set At 3840 Packer At _____ Liner Run Yes No

Date of First Production 6/29/90 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours	Oil <u>70</u> Bbls.	Gas <u>n/a</u> Mcf	Water <u>none</u> Bbls.	Gas-Oil Ratio	Gravity
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Disposition of Gas: Vented Sold Used on Lease (If vented, submit ACO-18.)

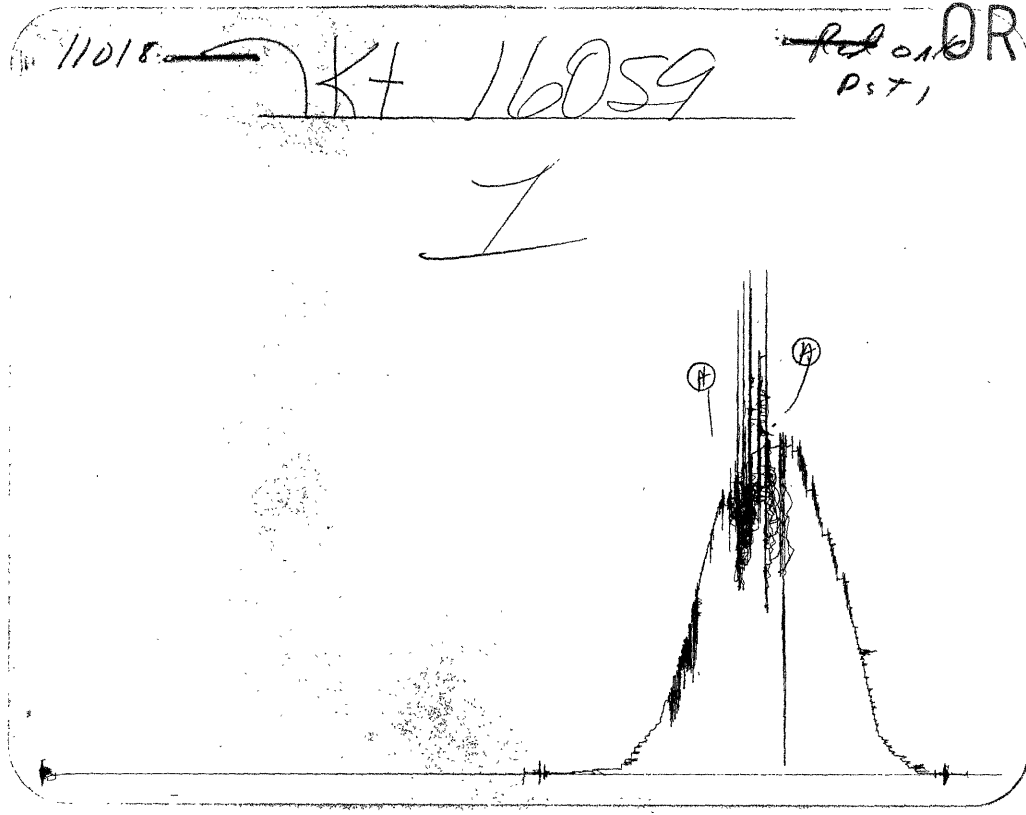
METHOD OF COMPLETION

Open Hole Perforation Dually Completed Commingled

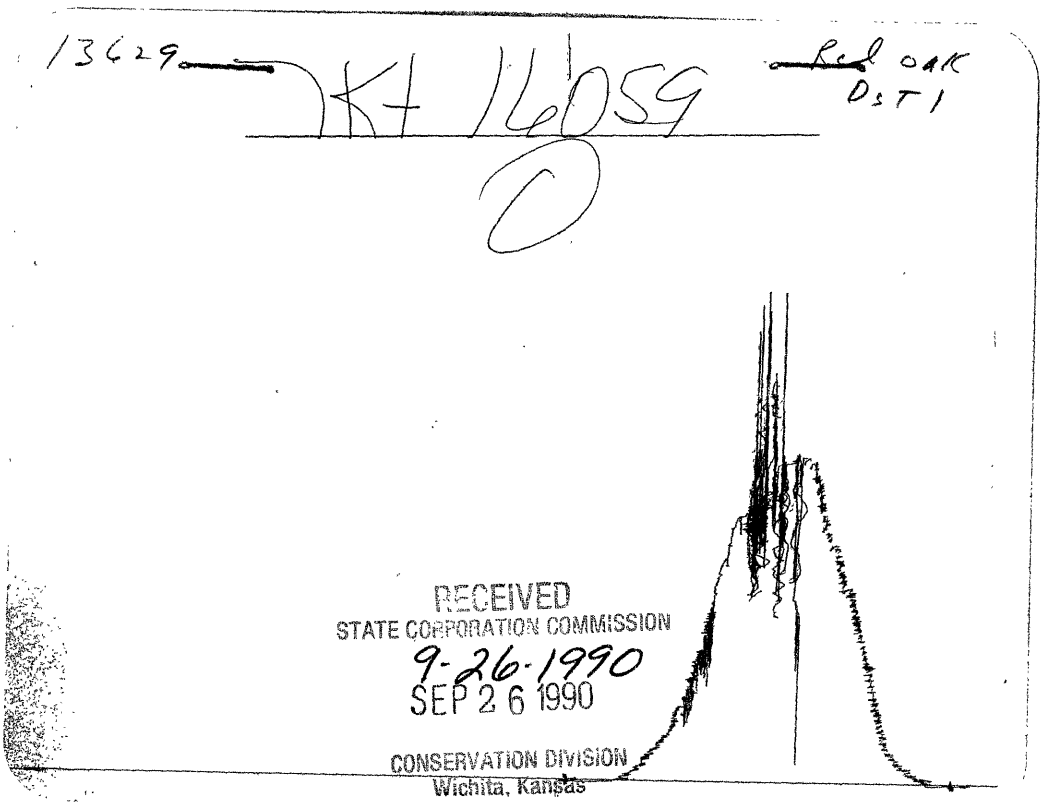
Other (Specify) _____

Production Interval _____

lost #1
mis
run



Inside Recorder



Outside Recorder

WESTERN TESTING CO. INC.
SUBSURFACE PRESSURE SURVEY

ORIGINAL

DATE	:	6-6-90	TICKET	:	16059
CUSTOMER	:	RED OAK ENERGY INC.	LEASE	:	MORRIS
WELL	:	#1-27 TEST: 1	GEOLOGIST	:	BANKS
ELEVATION	:	2368 K.B.	FORMATION	:	LANSING
SECTION	:	27	TOWNSHIP	:	7S
RANGE	:	23W	COUNTY	:	GRAHAM
GAUGE SN#	:	11018	RANGE	:	4425
			STATE	:	KANSAS
			CLOCK	:	12

INTERVAL FROM	:	3660	TO	:	3685	TOTAL DEPTH	:	3685
DEPTH OF SELECTIVE ZONE	:							
PACKER DEPTH	:	3660	SIZE	:	6.75			
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				
PACKER DEPTH	:		SIZE	:				

DRILLING CON.	:	MURFIN #3	VISCOSITY	:	50
MUD TYPE	:	CHEMICAL	WATER LOSS (CC)	:	9.2
WEIGHT	:	9.4	SERIAL NUMBER	:	408
CHLORIDES (PPM)	:	2000	REVERSED OUT ?	:	NO
JARS-MAKE	:	WTC			
DID WELL FLOW ?	:	NO			

DRILL COLLAR LENGTH	:	416	FT	I.D. inch	:	2.20
WEIGHT PIPE LENGTH	:	0	FT	I.D. inch	:	0.00
DRILL PIPE LENGTH	:	3220	FT	I.D. inch	:	3.80
TEST TOOL LENGTH	:	24	FT	TOOL SIZE	:	5.50
ANCHOR LENGTH	:	25	FT	ANCHOR SIZE	:	5.50
SURFACE CHOKE SIZE	:	.75	IN	BOTTOM CHOKE SIZE	:	.75
MAIN HOLE SIZE	:	7.875	IN	TOOL JOINT SIZE	:	4.5XH

BLOW COMMENT #1 :
 BLOW COMMENT #2 :
 BLOW COMMENT #3 :
 BLOW COMMENT #4 :

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 CONSERVATION DIVISION
 Wichita, Kansas

RECOVERED : 500 FT OF: DRLG. MUD

Total Barrels Fluid = 3.13
Total Fluid Prod Rate = 0.00 BFPD

ORIGINAL

REMARK 1 :
REMARK 2 : MISRUN-PACKER FAILURE.
REMARK 3 : TORE UP FIRST RUN PACKER.
REMARK 4 : PULLED 50000 OVER STRING WEIGHT.

SET PACKER(S) : 12:35 A.M. TIME STARTED OFF BOTTOM : 12:45 A.M.
WELL TEMPERATURE : 0
INITIAL HYDROSTATIC PRESSURE (A) 1898
INITIAL FLOW PERIOD MIN: 0 (B) 0 PSI TO (C) : 0
INITIAL CLOSED IN PERIOD MIN: 0 (D) 0
FINAL FLOW PERIOD MIN: 0 (E) 0 PSI TO (F) : 0
FINAL CLOSED IN PERIOD MIN: 0 (G) 0
FINAL HYDROSTATIC PRESSURE (H) 1760

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9-26-1990
SEP 26 1990

CONSERVATION DIVISION
Wichita, Kansas

API 15-065-22,570
 C W/2 SE SW Sec 27-7s-23w
 Graham Cty, Ks.
 Morris 1-27

K C C

NOV 01 1990

Formation Tops (LOG)

Anhydrite	2030	+342
Topeka	3392	-1022
Heebner	3598	-1226
Toronto	3622	-1250
Lansing	3636	-1264
Base KC	3840	-1468

DRILL STEM TESTS

DST #1 3660-85' Misrun, packer failure.

DST #2 3657-85'

30/45/45/60

1st flow--strong blow building to bottom of bucket in 25 minutes

2nd flow--strong blow building to bottom of bucket in 35 minutes

IHP 1911 FFP 177-277

IFP 33-144 FSI 1041

ISIP 1041 FHP 1878

Recovered 570' muddy salt water. 48,000 cl.

DST #3 3775-3855'

30/45/45/60

Initial flow: strong blow off bottom of bucket in 5 minutes

2nd flow: Off bottom of bucket in 15 minutes

Rec. 660' GIP

360' Clean gassy oil 37 gravity

180' HMC oil 60% oil 40% mud

180' HMC oil 80% oil 20% mud

60' HOCM 40% oil 60% mud

780' Total fluid recovery

IHP 2011 FFP 222-300

IFP 55-166 FSI 688

ISIP 721 FHP 1966

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 STATE CORPORATE COMMISSION

NOV 1 1990
 11-1-1990

BU-TITAN SERVICE

PO BOX 4442 HOUSTON, TX 77210

15-065-22570-00-00
CEMENTING LOG

STAGE NO.

Date: 06-07-90 District: HAYS Ticket No. 627477
 Company: Red Oak Energy, Inc. Rig: MURKIN 3
 Lease: Morris Well No. 1-27
 County: Franklin State: KY
 Location: 3 N 1 1/2 W Hill City Field: _____

CASING DATA: PTA Squeeze
 Surface Intermediate Production Liner
 Size: 4 1/2 Type: USA 2 Weight: _____ Collar: _____

Casing Depths Top: _____ Bottom: _____

Drill Pipe: Size 4 1/2 Weight: _____ Collars: _____
 Open Hole: Size 7 3/8 T.D. 3855 ft. P.B. to _____ ft.

CAPACITY FACTORS:
 Casing: Bbls/Lin. ft. 0.162 Lin. ft./Bbl. 61.34
 Open Holes: Bbls/Lin. ft. 0.602 Lin. ft./Bbl. 16.5993
 Drill Pipe: Bbls/Lin. ft. 0.149 Lin. ft./Bbl. 70
 Annulus: Bbls/Lin. ft. 0.406 Lin. ft./Bbl. 24.64

Perforations: From _____ ft. to _____ ft. Amt: _____

CEMENT DATA.
 Spacer Type: 500 Gal muds **ORIGINAL**
 Amt. _____ Bbs Yield _____ ft³/sk Density _____ PP

LEAD: Pump Time _____ hrs. Type _____
Surf 30 Excess _____

Amt: 100 Skts Yield 1.55 ft³/sk Density 14.7 PP
 Pump Time 5:32 hrs. Type _____

Light weight Excess _____

Amt _____ Skts Yield _____ ft³/sk Density _____ PP
 WATER: Lead 6.65 gals/sk Tail 9.90 gals/sk Total 124.4 Bbls

Pump Trucks Used: 2034 - ARIEN

Bulk Equip.: 272 - TERRY
S13 - RAY

Floater Equip. Manufacturer: BAKON

Shoe Type: Cement Nose Depth: _____

Floater Type: HEU Depth: _____

Controlizers Quantity: _____ Plugs Top: _____ Btm: _____

Stage Collars: 1

Special Equip.: SEA THERM

Disp. Fluid Type: Water mud Amt: 30 Bbls. Weight: 8.24 % PFC

Mud Type: Chemical Weight: 9.2 PFC

COMPANY REPRESENTATIVE: Ron Shradon

CEMENTER: Bill R. Bellon

TIME	PRESSURES PSI		FLUID PUMPED DATA			REMARKS
	DRILL PIPE CASING	ANNULUS	TOTAL FLUID	Pumped Per Time Period	RATE Bbls. Min	
						Pipe set at 3855 ft Shoe joint 16.75 Insert 3848.32
10:15P			11.9	4		pump 500 gal muds ahead of cement
			25			
			30	4		Completed 100 bbls cement
			335			Remove plug w/ 30 bbls of water
10:45P	1200					33 bbls mud / 1 hour plug at 1200 PCT Floor did not
10:15	1100		108	4		Dis. Tool set at 2020: 1100 P set to open tool Cement w/ 450 lbw lightweight Cement, pumps plug w/ 32 bbls water. shoe tool at 1200/56 Cement did circulate
10:00 AM	1500		32	3		



Houston, Tx. 77212

15-065-22570-00-00

ORIGINAL SERVICE OPERATIONS CONTRACT

TERMS: 30 DAYS FROM DATE OF CONTRACT

REMIT TO: P.O. Box 100806, Houston, Tx. 77212

DATE **6-08-90** SERVICE CONTRACT NO. **627477**

CUSTOMER ACCOUNT NO. **7115** DIST/NAME **7115** NEW WELL OLD WELL WELL TYPE **0** JOB NUMBER **1106**

CUSTOMER **Red Oak Energy Inc** DIST NUMBER **357** WELL NO. **127** LEASE NAME **MORRIS** FEDERAL OFFSHORE LEASE NO.

ADDRESS **111 W. Douglas St. Corv** COUNTY/PARISH **Graham** CODE **051** STATE **KU** CODE **15**

CITY **Wichita** STATE **KU** ZIP **67202** FIELD NAME CITY CODE

AUTHORIZED BY **Row** (Please Print) **Shraden** ORDER NO. WELL OWNER **Red Oak Energy Inc** MTA CODE

STAGE NO. JOB CODE **0106** WORKING DEPTH **3855** FT. PUMPING EQUIPMENT TIME (A OR P) DATE

TOTAL PREV. GALS. SURFACE INTERMEDIATE PRODUCTION REMEDIAL TRUCK CALLED **3:30 P** MM **01** DD **12** YY **19 90**

TOTAL MEAS DEPTH SIZE HOLE **7 3/8** DEPTH **3855** FT. ARRIVED AT JOB **3:30 P** START OPERATION

SIZE & WT. CASING **4 1/2** DEPTH FT. FINISH OPERATION

SIZE & WT. DRILL PIPE OR TUBING **4 1/2** DEPTH FT. TIME RELEASED **12:30** SALES MAN NUMBER

PACKER DEPTH FLUID PUMPED MILES FROM STATION TO WELL **2.40**

REVENUE EQUIPMENT (UNIT NUMBERS)				EMPLOYEES ON JOB (EMPLOYEE NUMBER)			
MAX BPM	BSU	2034		A.	KORNIK	36	4466
	P	17500		B.	Leikam	44	6953
S/S EMPLOYEE NUMBER	B9	272	BSU	6458	T	HEINRICH	58
	B9	513	B	54011	ROBY		4121

BLENDS

PRICE BOOK REF.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.	PART NO.	U/M	QTY.

061290

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered) The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies incl. all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of BJ SERVICES.

PRICE BOOK SIGNED: **[Signature]** (WELL OWNER, OPERATOR, CONTRACT OR AGENT)

PRICE BOOK REF NO	QUANTITY	DESCRIPTION	UNIT PRICE	U/M	PRICE EXTENSION
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					

RECEIVED STATE COMMISSION

SEP 26 1990 9-26-1990 CONSERVATION DIVISION

SERVICE REPRESENTATIVE **Bill R. Lehan** THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: **[Signature]** (WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

CHECK IF CONTINUATION IS USED CUSTOMER: This is not an invoice - This Service Operations Contract is subject to review and correction by our Accounting Department.



ORIGINAL
CONTRACT NO. 697479

DATE OF JOB 06/08/90	DISTRICT HAYS	DIST NO 3570	AUTHORIZED BY [Signature]
CUSTOMER Red Oak Energy, Inc			

PRICE BOOK
017

PRICE BOOK REF. NO.	QUANTITY	DESCRIPTION	UNIT PRICE	UNIT	PRICE EXTENSION
11011010320	3091	Pump Truck Charge	935.00	E	935 00
101100325	8.57	Pump Depth Charge	11.00	1/100	94 27
11011010905	1	Pump Second Stage Charge	865.00	E	865 00
110110101015	80	Pump Truck Mileage	1.10	RT	88 80
1104110105014	399	Common Cement	5.30	Q	2114 70
110411101018	161	Pozmix	2.61	Q	420 21
110411101049	71	Cal Chloride A-7P	.33	L	23 43
1104121011415	2777	Gel	.13	L	361 01
110412101020	534	Gypseal A-10	.22	L	124 08
11041250110	500	mud Sweep	1.45	G	725 00
101810101015	560	Handling & Pumping	.95	SK	532 80
1019141011011	1056	Hauling 26.4 Tons 40mi	.70	TM	739 20
		SubTOTAL			7021 90
11041091600	1	Stage Collar 4 1/2" Landing	45.00	E	45 00
11041091600	1	Stage Collar BAKEN 4 1/2	2675.92	E	2675 92
11041091600	4	Centralizers " "	4343	E	173 72
11041091600	1	Guide shoe " "	108.16	E	108 16
11041091600	1	Stop Ring " "	16.68	E	16 68
11041091600	2	Basket " "	124.80	E	249 60
11041091600	1	Insert " "	108.16	E	108 16
11041091600	6	Reciprocating scratchers	16.64	E	99 84
		SubTOTAL			3477 08
		less			2519 52
		SubTOTAL			7979 46

Bid price of 7,250 changed because of some added floating fee

RECEIVED
STATE COMMISSION
9-26-1990
SEP 26 1990

CONSERVATION DIVISION
Wichita, Kansas

SERVICE REPRESENTATIVE
[Signature]

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

[Signature]
(WELL OWNER, OPERATOR/CONTRACTOR OR AGENT)