

Sedan OPEF R Toad King
CONSOLIDATED OIL WELL SERVICES, INC.

Box 884
 Chas., Kansas 66720
 Phone (316) 431-9210

Ticket 56519

Customer's Acct. No. <u>1885</u>	Sec. <u>2233</u>	Twp. <u>17</u>	Range <u>33</u>	Well No. & Farm <u>105 Garden # 5</u>	Place or Destination <u>W. of Sedan</u>
Mailing Address <u>Box 36</u>			Owner <u>Donna O.I.</u>		County <u>CO</u>
City & State <u>Sedan, Ks. 67361</u>			Contractor		State <u>Ks.</u>
Well Owner Operator Contractor					

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New	Bore Size <u>10"</u>	Bottom	Circulating <u>250</u>	Requested
Production	Used	Total Depth <u>441'</u>	Top	Minimum <u>200</u>	Necessity <input checked="" type="checkbox"/>
Queue	Size <u>7"</u>	Cable Tool	Head	Maximum <u>100</u>	Measured
Pumping	Weight	Rotary <input checked="" type="checkbox"/>	FLOAT EQUIPMENT	Sacks Cement <u>20 sk.</u>	
Filter	Depth <u>40'</u>		Type & Brand <u>Portland</u>	Admixes <u>Calcium</u>	
	Type				

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Volume Fracturing Fluid	Breakdown Pressure from	psi to	psi		
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM
Band	Gals. Treating Acid	Type		Open Hole Diameter	psi
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job			Ft.

CEMENTING INVOICE SECTION FRACTURING - ACIDIZING

Pumping Charge	Office Use	\$	Pumping Charge	Office Use	\$
Pumping Charge <u>Surface</u>	@	<u>325.00</u>	Pumping Charge	@	
<u>20</u> Sacks Bulk Cement	@	<u>105.00</u>	12x30 Sand	@	
Ton Mileage on Bulk Cement <u>N.C.</u>	@	<u>N.C.</u>	10x20 Sand	@	
Premium Gel	@		x Sand	@	
Flo-Seal	@		Ton Mileage	@	
<u>1</u> Calcium Chloride	@	<u>21.00</u>	Gals., Acid	@	
Plug	@		Chemicals	@	
	@			@	
Equipment	@			@	
	@			@	
	@			@	
	@		Potassium Chloride	@	
	@		Rock Salt	@	
Granulated Salt	@		Water Gel	@	
Transport Truck (Hrs.)	@		Transport Truck (Hrs.)	@	
Vac Truck (<u>1</u> Hrs.)	@	<u>38.00</u>	Vac Truck (Hrs.)	@	
Fuel Surcharge	@		Fuel Surcharge	@	
		Tax <u>5.04</u>			Tax

A Finance Charge computed at 1 3/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 494.04 Total \$

19-85	Customer's Acct. No. 2223	Sec. 17	Twp. 33	Range 10	Well No. & Farm Acade-A # 5	Place or Destination W. Oklahoma
Name To Penman Oil					Owner	County Cherokee
Mailing Address Box 36					Contractor	State Ia.
City & State Sedan, Ks.					Well Owner Operator Contractor	

CEMENTING SERVICE DATA

TYPE OF JOB	CASING	HOLE DATA	PLUGS AND HEAD	PRESSURE	CEMENT LEFT IN CASING
Surface	New <input checked="" type="checkbox"/>	Bore Size 6 1/4"	Bottom <input checked="" type="checkbox"/>	Circulating 150	Requested
Production <input checked="" type="checkbox"/>	Used	Total Depth	Top	Minimum 200	Necessity
Seize	Size 4 1/2"		Head P.C.	Maximum 250	Measured <input checked="" type="checkbox"/>
Lumping	Weight	Cable Tool	FLOAT EQUIPMENT	Sacks Cement 160	
Other	Depth 1567'	Rotary <input checked="" type="checkbox"/>		Type & Brand Portland Cement	
	Type			Admixes 5950 - 50 lb. Sack	

FRACTURING - ACIDIZING SERVICE DATA

Type of Job	At Intervals of				
Gals. Fracturing Fluid	Breakdown Pressure from	psi to	psi		
Treating Pressures: Maximum	psi	Minimum	psi	Avg. Pump Rate	GPM/BPM Close In psi
Fluid	Gals. Treating Acid	Type		Open Hole Diameter	
Well Treating Through: Tubing	Casing	Annulus	Size	Weight	
Remarks:					
No. Perforations	Pay Formation Name	Depth of Job			Ft.

INVOICE SECTION

CEMENTING			FRACTURING - ACIDIZING		
Pumping Charge	Office Use	\$ 438.00	Pumping Charge	Office Use	\$
160 Sacks Bulk Cement @		840.00	12x30 Sand @		
Ton Mileage on Bulk Cement 17 @		62.16	10x20 Sand @		
2 Premium Gel @		13.80	x Sand @		
1 1/2' Flo-Seal @		45.00	Ton Mileage @		
Calcium Chloride @			Gals., Acid @		
4 1/2" Plug @		18.50	Chemicals @		
			@		
Equipment @			@		
@			@		
@			@		
@			@		
@			Potassium Chloride @		
@			Rock Salt @		
Granulated Salt @			Water Gel @		
Transport Truck (Hrs.) @			Transport Truck (Hrs.) @		
Vac Truck (3 Hrs.) @		114.00	Vac Truck (Hrs.) @		
Fuel Surcharge @			Fuel Surcharge @		
	Tax	36.169		Tax	

A Finance Charge computed at 1 1/4% per month (annual percentage rate of 21%) will be added to balance over 30 days.

Total \$ 1574.15

John M. Denman Oil Co.
 Goode A Lease
 Well #5
 A.P.I. 15-019-25,075

Darnall Drilling-Contractor
 June 1985

Formation	Depth	Formation	Depth
Soil	0-3	Sandy Shale	363-475
Clay	3-5	Lime	475-478
Lime	5-10	Sandy Shale	478-507
Shale	10-19	Shale	507-660
Sand	19-22	Lime	660-662
Shale	22-25	Sandy Shale	662-761
Lime	25-27	Shale	761-831
Shale	27-31	Sandy Shale	831-842
Lime	31-39	Shale	842-945
Shale	39-47	Lime	945-952
Lime	47-49	Shale	952-1121
Shale	49-51	Sandy Shale	1121-1142
Lime	51-58	Sand	1142-1163
Shale	58-59	Sandy Shale	1163-1241
Lime	59-81	Sand	1241-1270
Shale	81-84	Shale	1270-1367
Lime	84-86	Lime	1367-1377
Shale	86-92	Shale	1377-1379
Redrock	92-109	Lime	1379-1382
Shale	109-113	Shale	1382-1389
Lime	113-119	Lime	1389-1398
Sand	119-125	Shale	1398-1429
Shale	125-130	Lime	1429-1443
Redrock	130-137	Shale	1443-1467
Shale	137-145	Lime	1467-1471
Lime	145-147	Shale	1471-1489
Sandy Shale	147-150	Lime	1489-1492
Lime	150-155	Sandy Shale	1492-1517
Shale	155-157	Sandy Shale (odor)	1517-1530
Lime	157-163	Shale	1530-1555
Shale	163-174	Lime	1555-1565 T.D.
Lime	174-178		
Shale	178-226		
Sand	226-244	Set 1558 ft. of 4½" pipe.	
Shale	244-256	Cemented to the top.	
Sand	256-260		
Shale	260-304		
Lime	304-318		
Sand	318-320		
Lime	320-330		
Shale	330-334		
Lime	334-339		
Shale	339-363		