

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

ORIGINAL

API NO. 15- 095-21760

**COPY**

County KINGMAN

C - SE - NE Sec. 15 Twp. 30 Rge. 7 X W

3300 Feet from SN (circle one) Line of Section

660 Feet from EW (circle one) Line of Section

Footages Calculated from Nearest Outside Section Corner:  
NE, SE, NW or SW (circle one)

Lease Name DUNKELBERGER Well # 3

Field Name SPIVEY GRABS BASIL

Producing Formation MISSISSIPPI & HERTHA

Elevation: Ground 1427 KB 1432

Total Depth 4150 PBTD 4133

Amount of Surface Pipe Set and Cemented at 275

Multiple Stage Cementing Collar Used? Yes X No

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

If Alternate II completion, cement circulated from \_\_\_\_\_

feet depth to \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan Att. 1, 6-30-00 UR  
(Data must be collected from the Reserve Pit)

Chloride content 9600 ppm Fluid volume 240 bbls

Dewatering method used: Hauled off site, and pit allowed to dry

Location of fluid disposal if hauled offsite:

Operator Name Oil Producers, Inc. of Ks.

Lease Name Watson SWD License No. 8061

SW Quarter Sec. 8 Twp. 29 S Rng. 15 E/W

County Pratt Docket No. D-24,324

Operator: License 8061

Name: OIL PRODUCERS, INC. OF KANSAS

Address P.O. BOX 8647

City/State/Zip WICHITA, KANSAS 67208

Purchaser: KANSAS INDUSTRIAL/ through KGS pipeline

Operator Contact Person: DIANA RICHECKY

Phone (316) 681-0231

Contractor: Name: MALLARD JV, INC.

License: 4958

Wellsite Geologist: WILLIAM SHEPHERD

Designate Type of Completion

X New Well \_\_\_\_\_ Re-Entry \_\_\_\_\_ Workover \_\_\_\_\_

X Oil \_\_\_\_\_ SWD \_\_\_\_\_ SIOG \_\_\_\_\_ Temp. Abd. \_\_\_\_\_

X Gas \_\_\_\_\_ ENHR \_\_\_\_\_ SIGW \_\_\_\_\_

\_\_\_\_\_ Dry \_\_\_\_\_ Other (Core, WSW, Expl., Cathodic, etc)

If Workover:

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

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

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

\_\_\_\_\_ Deepening \_\_\_\_\_ Re-perf. \_\_\_\_\_ Conv. to Inj/SWD \_\_\_\_\_

\_\_\_\_\_ Plug Back \_\_\_\_\_ PBTD \_\_\_\_\_

\_\_\_\_\_ Commingled \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Dual Completion \_\_\_\_\_ Docket No. \_\_\_\_\_

\_\_\_\_\_ Other (SWD or Inj?) \_\_\_\_\_ Docket No. \_\_\_\_\_

02/09/00 2/17/2000 3/21/00

Spud Date Date Reached TD Completion Date

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 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 geologist well report 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.

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 John S. Weir John S. Weir

Title President Date 05/26/2000

Subscribed and sworn to before me this 27th of May, 2000.

Notary Public Diana L. Richecky

Date Commission Expires Jan 12, 2004

K.C.C. OFFICE USE ONLY		
F	Letter of Confidentiality Attached	
C	Wireline Log Received	
C	Geologist Report Received	
Distribution		
<u>/</u>	KCC	SWD/Rep
<u>/</u>	KGS	Plug
		NGPA
		Other (Specify)

Form ACO-1 (7-91)



RECEIVED  
STATE CORPORATION COMMISSION

JUN 5 2000

CONSERVATION DIVISION  
Wichita, Kansas

X

Operator Name Oil Producers, Inc. of Kansas **SIDE TWO** Lease Name DUNKELBERGER Well # \_\_\_\_\_  
 Sec. 15 Twp. 30S Rge. 7  East County KINGMAN **ORIGINAL COPY**  
 West

**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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input checked="" type="checkbox"/> Log	<b>Formation (Top), Depth and Datums</b>	<input type="checkbox"/> Sample	
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	HEEBNER	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	LANSING	3255'	3034'	-1602'
Electric Log Run	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	KANSAS CITY	3529		-1823'
(Submit Copy)		Stark	3682'		-2097'
List All E.Logs Run:	LOG, COMPENSATED Density Neutron Log	Hertha	3724'		-2250'
	DUAL RECEIVER BOND LOG, Sonic Log	Mississippi	4074'		-2642'
		LTD	4152'		-2720'

CASING RECORD <input type="checkbox"/> New <input checked="" type="checkbox"/> 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	12 1/4	8 5/8"	20#	275	60 40 Poz	170	3% CC, 2% GEL
PRODUCTION	7 7/8	4 1/2"	10.5 #	4149	EA-2	175	5# gilsonite

ADDITIONAL CEMENTING/SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	#Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type	Acid, Fracture, Shot, Cement Squeeze Record
	Specify Footage of Each Interval Perforated	(Amount and Kind of Material Used) Depth
2	4077-4091'	SEE ATTACHED INITIAL COMPLETION REPORT   same
4	3726-3729'	

TUBING RECORD		Size	Set At	Packer At	Liner Run	<input type="checkbox"/> Yes <input type="checkbox"/> No
		2 3/8"	4119.43'			

Date of First, Resumed Production, SWD or Inj.	Producing Method	Flowing	Pumping	Gas Lift	Other (Explain)	Gravity
03/15/00			x			
Estimated Production	Oil Bbls.	Gas Mcf	Water BWPD	Bbls.	Gas-Oil Ratio	
	1 1/2	80 mcfpd				

Disposition of Gas:  Vented  Sold  Used on Lease (If vented, submit ACO-18.)

**METHOD OF COMPLETION**  Open Hole  Perf.  Dually Comp.  Commingled

Production Interval: 4077-4091 3726-3729

RECEIVED  
STATE CORPORATION COMMISSION

JUN 5 2000

CONSERVATION DIVISION  
Wichita, Kansas

COPY

ORIGINAL

**MALLARD JV, Inc.**  
DRILLING CONTRACTORS  
P. O. Box 1009  
MCPHERSON, KS 67460 316-241-4640

**Drillers Log**

OPERATOR: **Oil Producers, Inc. of Kansas**  
P. O. Box 8647  
Wichita, KS 67208

WELL: **Dunkelberger #3**  
API #: 15-095-21760-0000

COMMENCED: February 9, 2000

LOCATION: C SE NE  
3300' FSL, 660' FEL  
Section 15, Township 30 S, Range 7 W  
Kingman County, KS

COMPLETED: February 17, 2000

TOTAL DEPTH: 4150'

ELEVATION: 1427' GL, 1432' KB

STATUS: Set Casing - Mississippi formation

SPUD: 3:45 pm 2/9/00  
SIZE HOLE DRILLED: 12-1/4" x 275'  
SURFACE CASING SIZE: 8-5/8" x 20# x 268.45' (7 jts.)  
SET AT: 275.65'  
CEMENT: 295 sacks 60/40 Pozmix, 2% gel, 3% cc, 1/4# floseal per sack

SIZE HOLE DRILLED: 7-7/8" x 4150' RTD  
PRODUCTION CASING: 4-1/2" (103 jts.)  
SET AT: 4149'  
CEMENT: 175 sacks EA-2, w/gas stop & 5# gilsonite per sack  
PD: 5:52 pm 2/17/00

DRILL STEM TESTS: None  
ELECTRIC LOG: Yes

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JUN 5 2000

CONSERVATION DIVISION  
Wichita, Kansas

ORIGINAL

OIL PRODUCERS INC., OF KS.  
INITIAL COMPLETION

WELL - DUNKELBERGER B #3

LEGAL - C-SE/NE OF 15-30s-7w IN KINGMAN CO. KS.

API# - 15-095-21,760

G.L. - 1429'

K.B. - 5' ABOVE G.L. @ 1434'

SURFACE CSN' - 8 5/8" @ 268' WITH 295 SX.

RTD - 4150'

LTD - 4152' (ELI 2/17/00)

PRODUCTION CSN - 4 1/2", 11.6# AND 10.5# @ 4149' WITH 175 SX. EA-2

TOP OF CEMENT - 3230' WITH EXCELLENT CEMENT BONDING.

PBTD - 4133' (ELI 3/1/00)

PERFORATIONS -       MISSISSIPPI   4077'-4091' WITH 2 SHOTS/FT. 2/22/00  
                          HERTHA       3726'-3729' WITH 4 SHOTS/FT. 3/01/00

TUBING RAN - 15' MUD ANCHOR, S.N., 131 JTS. 2 3/8" TUBING (4100.36')

TUBING SET @ - 4119.43'

AVER. TBG JT. - 31.30'

PUMP RAN - 2" X 1 1/2" X 14' RWTC WITH 6' GAS ANCHOR

RODS RAN - PUMP, 2', 163 - 3/4" NEW RODS, 8', 6', 2', 1 1/4" X 16' POLISHED ROD.

PUMP SET @ - 4104.43'

PUMPING UNIT - AMERICAN 114, SERIAL # - D114F-1844, RATIO - 30.6:1, UNIT SHEAVE - 20".

ENGINE - CONTINENTAL C-66

2/22/00

COMANCHE WELL SERVICE ON LOCATION, RIG UP D-D DERRICK.  
ELI WIRELINE ON LOCATION TO RUN CORRELATION & DUAL RECEIVER CEMENT BOND LOG.

FOUND TOTAL DEPTH - 4098'. (THIS IS 18' HIGH TO TOP OF INSERT @ 4116')

FOUND TOP OF CEMENT - 3230' (WITH EXCELLENT CEMENT BONDING ACROSS ALL PAY)

COMANCHE SWABBED 4 1/2" CASING DOWN TO 3500' FROM SURFACE.

ELI ON LOCATION TO PERFORATE PROPOSED INTERVAL IN MISS CHERT.

PERFORATED MISS CHERT - 4077'-4091' WITH 4 SHOTS/FT.

COMANCHE SWABBED WELL DOWN TO TOTAL DEPTH. FAIR GAS BLOW.  
SHUT DOWN FOR THE NIGHT.

2/23/00

SICP - 500 psi. FLUID LEVEL - HAD 200' OF FLUID IN HOLE.

SBHP - MISS CALCULATES 660 psi.

COMANCHE SWABBED WELL DOWN TO TOTAL DEPTH.

ACID SERVICES ON LOCATION TO ACIDIZE MISS PERFS WITH 2000 GALS 15% DSFE ACID AND 42 BALL SEALERS.

ACIDIZE MISS PERFS AS FOLLOWS:

PUMP 500 GALS 15% DSFE ACID

PUMP 1500 GALS 15% DSFE WITH 42 BALL SPACED EQUALLY.

LOAD HOLE WITH 17 BBLs FIELD BRINE.

PRESSURE TO 1500# & BROKE BACK.

DISPLACE 500 GALS ACID @ 5 BPM - 900 psi.

DISPLACE 1500 GALS ACID WITH BALLS @ 5 BPM - 900# TO 1500# (BALLED OFF.)

ISIP - 700#, VAC - 3 MINUTES.

TOTAL LOAD TO RECOVER - 113 BBLs.

COMANCHE RIGGED TO SWAB BACK ACID LOAD AND TEST MISS AFTER ACID.

TEST MISS AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ 900' FROM SURFACE.

SWAB WELL DOWN AND RECOVER 59 BBLs, WITH SHOW OF GAS.

1/2 HR. TEST - RECOVERED 2.50 BBLs WATER. TEST GAS @ 18 MCFPD.

1/2 HR. TEST - RECOVERED 1.67 BBLs WATER. TEST GAS @ 18 MCFPD.

1/2 HR. TEST - RECOVERED 1.67 BBLs WATER. TEST GAS @ 18 MCFPD.

SHUT DOWN FOR THE NIGHT.

2/24/00

SICP - 400 psi, FLUID LEVEL - 3734' FROM SURFACE.

SBHP - MISS CALCULATES 625 psi.

CONTINUE TESTING MISS AFTER ACID AS FOLLOWS:

SWAB WELL DOWN AND RECOVER 5.84 BBLs.

1/2 HR. TEST - RECOVERED 1.67 BBLs WATER. TEST GAS @ 39 MCFPD.

1 HR. TEST - RECOVERED 1.67 BBLs WATER. TEST GAS @ 50 MCFPD.

2/24/00 CONT.

ACID SERVICES ON LOCATION TO FRACTURE MISS PERFS 4077'-91' WITH 38,750 GALS 70% NITROGEN FOAM AND 50,000# SAND. TAILING IN WITH RESONATED SAND TO MINIMIZE SAND PRODUCTION.

FRAC MISS AS FOLLOWS:

PUMP 14,000 GAL 70% NITROGEN FOAM PAD, ESTABLISH INJECTION RATE @ 18 BPM - 220#  
PUMP 4000# 20/40 SAND @ 1 PPG (4000 GALS FOAM) @ 18 BPM - 2100#  
PUMP 8000# 20/40 SAND @ 2 PPG (4000 GALS FOAM) @ 18 BPM - 2000#  
PUMP 7500# 20/40 SAND @ 2.5 PPG (3000 GALS FOAM) @ 18 BPM - 2000#  
PUMP 12500# 12/20 SAND @ 2.5 PPG (5000 GALS FOAM) @ 18 BPM - 2000#  
PUMP 12000# 12/20 SAND @ 3 PPG (4000 GALS FOAM) @ 18 BPM - 2000#  
PUMP 6000# ACFRAC SAND @ 3 PPG (2000 GALS FOAM) @ 18 BPM - 2050#  
FLUSH SAND TO PERFS WITH 2750 GALS FOAM 2 18 BPM - 2200#  
ISIP - 2000#, 15 MIN SIP - 1500#.  
TOTAL LIQUID LOAD TO RECOVER - 330 BBLS.  
SHUT DOWN FOR THE NIGHT.

2/25/00

SICP - 1050 psi.  
OPEN WELL UP. FLOW APPROX 2 HRS TO PIT RECOVERED APPROX 20 BBLS AND WELL DIED.  
RIG UP 4 1/2" CASING SWAB. SWAB APPROX 30 BBLS RECOVERING LARGE AMOUNTS OF FRAC SAND.  
COULD NOT SWAB BELOW 3700' DUE TO SAND FILL-UP.  
SHUT DOWN WAITING ON DRILLING EQUIPMENT TO REMOVE SAND FILL.

2/28/00

SICP - 400#.  
SIOUX TRUCKING ON LOCATION WITH TUBING PURCHASED FROM SMITH SUPPLY.  
GOLDEN-B HYDRA DRILL ON LOCATION WITH DRILLING EQUIPMENT.  
RIH - WITH 3 7/8" BIT AND TUBING. RIG UP DRILLING EQUIPMENT.  
CIRCULATED SAND OUT OF HOLE.  
DRILL - INSERT AND 20' CEMENT TO 4136'  
CIRCULATED HOLE CLEAN.  
POOH - WITH TUBING AND BIT.  
SHUT DOWN FOR THE NIGHT.

2/29/00

SICP - 0 psi, FLUID LEVEL - 1400' FROM SURFACE.  
RIG UP CASING SWAB TO SWAB WELL & TEST MISS AFTER FRAC.

TEST MISS AFTER FRAC AS FOLLOWS:

SWAB WELL DOWN, RECOVERED 60.03 BBLS WATER.  
1/2 HR. TEST - RECOVERED 2.50 BBLS WATER. TEST GAS @ 68 MCFPD  
1/2 HR. TEST - RECOVERED 4.17 BBLS WATER. TEST GAS @ 78 MCFPD  
1/2 HR. TEST - RECOVERED 3.34 BBLS WATER. TEST GAS @ 86 MCFPD  
1/2 HR. TEST - RECOVERED 3.34 BBLS WATER. TEST GAS @ 101 MCFPD  
1/2 HR. TEST - RECOVERED .83 BBLS WATER. TEST GAS @ 116 MCFPD  
1 HR. TEST - RECOVERED 2.50 BBLS WATER. TEST GAS @ 129 MCFPD  
1 HR. TEST - RECOVERED 4.17 BBLS WATER. TEST GAS @ 141 MCFPD.

2/29/00 CONT.

TESTING MISS AFTER FRAC CONT.

1 HR. TEST - RECOVERED 4.17 BBLs WATER. TEST GAS @ 159 MCFPD.

1 HR. TEST - RECOVERED 4.17 BBLs WATER. TEST GAS @ 171 MCFPD.

CHECK SAND FILL-UP. HAVE NO SAND FILL-UP @ THIS POINT.

SHUT DOWN FOR THE NIGHT.

3/1/00

SICP - 405 psi. , FLUID LEVEL - 3833' DOWN. (300' OF FLUID FILL)

SBHP - MISSISSIPPI CALCULATES 600 psi.

SWAB WELL DOWN & RECOVERED 5.01 BBLs.

ELI ON LOCATION TO SET CIBP OVER MISS PERFS AND PERFORATE HERTHA FORMATION.

PERFORATED HERTHA - 3726'-3729' WITH 4 SHOTS/FT.

FOUND TOTAL DEPTH - 4133'.

SET CIBP OVER MISS - 3800'.

COMANCHE SWABBED WELL DOWN TO TTL DEPTH.

1/2 HR. NATURAL TEST IN HERTHA - RECOVERED NO FLUID OR GAS.

ACID SERVICES ON LOCATION TO ACIDIZE HERTHA PERFS WITH 1000 GALS 15% DSFE ACID.

ACIDIZE HERTHA AS FOLLOWS:

PUMP 1000 GALS 15% DSFE ACID

LOAD HOLE WITH 36 BBLs FIELD BRINE

PRESSURE TO 600# & STARTED FEEDING.

DISPLACE ACID @ 2 1/4 BPM - 550# TO 600#

ISIP - 400#, 10 MIN SIP - 200#.

TOTAL LOAD TO RECOVER - 84 BBLs.

COMANCHE RIGGED UP 4 1/2" CASING SWAB TO TEST HERTHA AFTER ACID.

TEST HERTHA AFTER ACID AS FOLLOWS:

FOUND FLUID LEVEL @ SURFACE.

SWAB WELL DOWN AND RECOVERED 90.18 BBLs. WITH VERY GOOD SHOW OF OIL.

1 HR. TEST - RECOVERED 10.02 BBLs, 73% OIL, GOOD SHOW OF GAS. 2 RUNS.

1 HR. TEST - RECOVERED 10.02 BBLs, 72% OIL, GOOD SHOW OF GAS. 2 RUNS.

1 HR. TEST - RECOVERED 6.68 BBLs, 63% OIL, GOOD SHOW OF GAS. 2 RUNS.

1 HR. TEST - RECOVERED 9.19 BBLs, 70% OIL, GOOD SHOW OF GAS. 2 RUNS.

SHUT DOWN FOR THE NIGHT.

3/3/00

SICP - 40 psi, FLUID LEVEL - 1400' DOWN., FREE OIL - 300', OVERNIGHT FILL-UP OIL % - 13%.

SBHP - HERTHA CALCULATES 1119 psi.

CONTINUE TESTING HERTHA AFTER ACID AS FOLLOWS:

1 HR. TEST - RECOVERED 15.03 BBLs, 26% OIL, GOOD SHOW OF GAS. 2 RUNS

1 HR. TEST - RECOVERED 8.35 BBLs, 23% OIL, GOOD SHOW OF GAS. 2 RUNS.

NOTE: - DECISION MADE NOT TO RE-ACIDIZE HERTHA. WILL DRILL OUT CIBP OVER MISS AND CO-MINGLE HERTHA AND MISS.

3/3 CONT.

KS. FISHING TOOL ON LOCATION WITH SAND LINE DRILL. RIG UP DRILL.  
DRILL OUT CIBP @ 3800'. PUSH REMAINING PORTION OF PLUG TO TOTAL DEPTH 4133'.  
SHUT DOWN FOR THE WEEKEND.

3/6/00

SIoux TRUCKING ON LOCATION WITH NEW 3/4" RODS PURCHASED FROM SMITH SUPPLY.

COMANCHE RIGGED TO RUN PRODUCTION TUBING.

RAN PRODUCTION TUBING AS FOLLOWS:

MUD ANCHOR X 2 3/8"	15.00'
SEATING NIPPLE X 2 3/8"	1.10'
131 JTS. 2 3/8" TUBING	4100.36'
K.B. (5' < 2' ABOVE G.L.)	<u>3.00'</u>
TUBING SET @	4119.43'
SEATING NIPPLE SET @	4104.43'

TAG TOTAL DEPTH (BY TUBING TALLY) @ 4132'. PICK UP & SET TUBING 13' OFF BOTTOM.

COMANCHE RIGGED TO RUN BOTTOM HOLE PUMP AND NEW 3/4" RODS.

RAN PUMP AND RODS AS FOLLOWS:

2" X 1 1/2" X 14' RWTC WITH 6' GAS ANCHOR	16.00'
2' X 3/4" ROD SUB	2.00'
163 - 3/4" NEW RODS	4075.00'
8', 6', 2' X 3/4" ROD SUBS	16.00'
1 1/4" X 16' POLISHED ROD	<u>16.00'</u>
PUMP SET @	4104.43'

CLAMPED RODS OFF. CLOSE WELL IN.

COMANCHE RIGGED DOWN AND MOVED OFF LOCATION.

WILL SET AMERICAN 114 PUMPING UNIT FROM GILLETTE LEASE AS SOON AS LOCATION DRIES.

WILL LAY 2 3/8" TUBING LEAD LINE FROM #3 WELL TO #2 WELL (APPROX 2000') ASAP.  
AND HOOK WELL UP.

WELL SHOULD BE IN PRODUCTION WITHIN 2 WEEKS.

END OF REPORT

BRAD SIROKY





ORIGINAL COPY COPY

**SALES OFFICE:**  
 105 S. Broadway  
 Suite #420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

**Invoice**

<b>Bill to:</b>			6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				218	2/16/00	2316	2/9/00
				<i>Service Description</i>			
				Cement - Surface pipe			
				<i>Lease</i>		<i>Well</i>	
				Dunkelberg		3	
<i>A/E</i>	<i>CustomerRep</i>	<i>Treater</i>		<i>Well Type</i>	<i>Purchase Order</i>	<i>Terms</i>	
	Arnie Hess	Kevin Gordley		New Well		Net 30	
<b>ID.</b>	<b>Description</b>	<b>UOM</b>	<b>Quantity</b>	<b>Unit Price</b>	<b>Price</b>		
D202	60/40 POZ	SK	170	\$8.00	\$1,360.00		
C310	CALCIUM CHLORIDE	LBS	675	\$0.60	\$405.00		
F143	WOODEN CEMENT PLUG, 8 5/8"	EA	1	\$71.00	\$71.00		
D101	COMMON CEMENT	SK	125	\$10.00	\$1,250.00		
E107	CEMENT SERVICE CHARGE	SK	295	\$1.50	\$442.50		
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	40	\$2.50	\$100.00		
E104	PROPPANT / BULK DELIV SERVICES/TON MILE, \$200 MIN	TM	526	\$1.25	\$657.50		
R200	CASING CEMENT PUMPER, 0-300'	EA	1	\$630.00	\$630.00		
R402	CEMENT PUMPER, ADDITIONAL HRS ON LOCATION	HR	2	\$200.00	\$400.00		

<b>Sub Total:</b>	\$5,316.00
<b>Discount:</b>	\$2,020.08
<b>Discount Sub Total:</b>	\$3,295.92
<b>Tax Rate:</b> 5.90%	<b>Taxes:</b> \$0.00
(T) Taxable Item	<b>Total:</b> <span style="border: 1px solid black; padding: 2px;">\$3,295.92</span>

RECEIVED  
 STATE CORPORATION COMMISSION  
  
 JUN 5 2000  
  
 CONSERVATION DIVISION  
 Wichita, Kansas

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.

ORIGINAL

COPY



FIELD ORDER

02316

INVOICE NO.	Subject to Correction		
Date 2-9-00	Lease DUNKELBERGER	Well # 3	Legal 15-305-7W
Customer ID	County HENNING	State KS.	Station PRATT, KS.
CHARGE OIL PRODUCERS INC. OF KS.	Depth	Formation	Shoe Joint
	Casing 8 5/8	Casing Depth 275	TD
	Customer Representative HARVE HESS	Treater H. GORDLEY	Job Type NEW WELL CEMENT SURFACE CSC.
AFE Number	PO Number	Materials Received by X <i>Andi Jim</i>	

Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D202	170 SLS.	60/40 P02 BLEND CEMENT				
C310	435 lbs.	CALCIUM CHLORIDE				
F143	1 EA.	8 5/8 WOOD CEMENT PLUG				
D101	125 SLS.	COMMON CEMENT				
C310	3 SLS. 240 lbs.	CALCIUM CHLORIDE				
E107	295 SLS.	CEMENT SERVICE CHARGE				
E100	1 EA.	UNITS 1 MILES 40				
E104	826 TON	TONS 7.3 MILES 40				
R200	1 EA.	EA. 208' PUMP CHARGE				
R402	4 HRS.	ADDITIONAL HOURS				
DISCOUNT PRICE =				3295.92		
PLUS TAX						

RECEIVED  
STATE DEPARTMENT OF REVENUE  
JUN 5 2000  
CONSERVATION DIVISION  
Wichita, Kansas



ORIGINAL

TREATMENT REPORT

COPY 01965

Customer ID		Date	
Customer OIL PRODUCERS INC. OF KS.		2-9-00	
Lease DUNKELBERGER		Lease No.	Well # 3
Field Order # 02316	Station Pratt, Ks.	Casing 8 5/8	Depth 275
Type Job CEMENT SURFACE CSC. NEW WELL		County WINGMAN	State Ks
Formation		Legal Description 15-305-7W	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
Depth	Depth	From	To	Pre Pad		Max		5 Min.
Volume	Volume	From	To	Pad		Min		10 Min.
Max Press	Max Press	From	To	Frac		Avg		15 Min.
Well Connection	Annulus Vol.	From	To			HHP Used		Annulus Pressure
Plug Depth	Packer Depth	From	To	Flush		Gas Volume		Total Load

Customer Representative ARANTE AESS	Station Manager DAVE MATRY	Treater KEVIN CORREY
Service Units 107	23	32
72	34	70

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
1815					ON LOCATION
					SET 8 5/8 CSC. AT 275'
					DILLED LOTS & LOTS OF SAND
0200	200		0	6	START MIX CEMENT 170 SLS.
	100		39	6	FINISH MIX CEMENT CEMENT
					SHUT DOWN - RELEASE PLUG
	0		0	5	START DISP.
	100		17	5	PLUG DOWN
					NO CEMENT RETURNS
					RUN 80' 1" TUBING
0400	150		10 1/2	1 1/2	MIX 50 SLS. CEMENT
					NO CEMENT RETURNS
					RUN 60' 1" TUBING - STACK OUT
0700	150		16	1 1/2	MIX 75 SLS. CEMENT
					GOOD CEMENT IN CELLAR ✓
0730					CELLAR STRANDING FULL
					170 SLS + 50 SLS + 75 SLS = 295 SLS
					TOTAL
0800					JOB COMPLETE
					THANKS. KEVIN



ORIGINAL **COPY COPY**

**SALES OFFICE:**  
 106 S. Broadway  
 Suite # 420  
 Wichita KS 67202  
 (316) 262-3699  
 (316) 262-5799 FAX

**SALES & SERVICE OFFICE:**  
 10244 NE Hiway 61  
 P.O. Box 8613  
 Pratt, KS 67124-8613  
 (316) 672-1201  
 (316) 672-5383 FAX

ACIDIZING - FRACTURING - CEMENTING

**Invoice**

<b>Bill to:</b>			6395901	<b>Invoice</b>	<b>Invoice Date</b>	<b>Order</b>	<b>Order Date</b>
OIL PRODUCERS INC. OF KANSAS P.O. Box 8647 Wichita, KS 67208				268	2/28/00	2336	2/17/00
				<i>Service Description</i>			
				Cement - Production String			
				<i>Lease</i>		<i>Well</i>	
				Dunkelberg		3	
<i>AFE</i>	<i>CustomerRep</i>	<i>Treater</i>		<i>Well Type</i>	<i>Purchase Order</i>	<i>Terms</i>	
	Shane Summers	Dave Scott		New Well		Net 30	

<u>ID.</u>	<u>Description</u>	<u>UOM</u>	<u>Quantity</u>	<u>Unit Price</u>	<u>Price</u>
D204	AA2	SK	175	\$13.56	\$2,373.00
D202	60/40 POZ	SK	35	\$8.00	\$280.00
C192	FLA-1, FLUID LOSS	LB	42	\$3.20	\$134.40
C322	GILSONITE	LB	825	\$0.55	\$453.75
C223	SALT (Fine)	LBS	903	\$0.35	\$316.05
C300	"A" FLUSH	GAL	5	\$20.00	\$100.00
F110	BASKET, 4 1/2"	EA	2	\$141.25	\$282.50
F100	CENTRALIZER, 4 1/2"	EA	7	\$50.00	\$350.00
F180	AUTO FILL FLOAT SHOE, 4 1/2"	EA	1	\$190.00	\$190.00
F150	LATCH DOWN PLUG & BAFFLE, 4 1/2"	EA	1	\$184.00	\$184.00
C312	GAS BLOCK	GAL	44	\$25.00	\$1,100.00
E107	CEMENT SERVICE CHARGE	SK	210	\$1.50	\$315.00
E100	HEAVY VEHICLE MILEAGE - 1 WAY	MI	45	\$2.50	\$112.50
E104	PROPPANT / BULK DELIV. SERVICES/TON MILE, \$200 MIN	TM	439	\$1.25	\$548.75
R209	CASING CEMENT PUMPER, 4001-4500'	EA	1	\$1,680.00	\$1,680.00

**Sub Total:** \$8,419.95

**Discount:** \$2,473.60

**Discount Sub Total:** \$5,946.35

**Tax Rate:** 5.90% **Taxes:** \$0.00

(T) Taxable Item

**Total:** \$5,946.35

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.



ORIGINAL

COPY

FIELD ORDER

02336

INVOICE NO.		Subject to Correction		Well # 3		Legal 15-30-7	
Date 2-17-00		Lease Dunkelberger		State KS		Station Pratt KS	
Customer ID		County Kingman		Depth TP=4152 16.5 ppt		Shoe Joint 33.62	
Oil Prod Inc of KS		Casing 4 1/2		Casing Depth 4149		TD 4150	
		Customer Representative Shane Summers		Treater Dave Scott		Job Type Prod String New Well	

CHARGE

AFE Number	PO Number	Materials Received by X <i>Shane Summers</i>
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Product Code	QUANTITY	MATERIAL, EQUIPMENT and SERVICES USED	UNIT PRICE	AMOUNT	ACCOUNTING	
					CORRECTION	AMOUNT
D204	175 sks	AA-2				
D202	35 sks	60/40 porz				
C192	42 lbs	FLA-1				
C322	825 lbs	Gilsonite				
C223	903 lbs	Sgt fine				
C300	5 gal	'A' flush				
F110	2 ea	Cmt Basket 4 1/2 in				
F100	7 ea	Centralizers " "				
F180	1 ea	Auto fill float shoe				
F150	1 ea	h.D. Plug & Baffle " "				
C312	44 gal	Gas Block				
E107	210 sks	Cmt Service Charge				
E100	1 ea	UNITS 1 way MILES 45				
E104	439 tm	TONS MILES 45				
R209	1 ea	EA. 4001-4500' PUMP CHARGE				
Discounted Price =				5946.35		
+ Taxes						



ORIGINAL

TREATMENT REPORT

ORIGINAL

01873

Customer ID		Date	
Customer Dil Prod Inc of KS		2-17-00	
Lease DunBel Berger		Lease No.	Well # 3
Field Order # 02336	Station Pratt KS	Casing 4 1/2	Depth
Type Job 4 1/2 Prod String New Well		County Kingman	State KS
Formation		Legal Description 15-30-7	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size 4 1/2	Tubing Size	Shots/Ft		Acid 175 sk's AA-2	RATE	PRESS 2500	ISIP	
Depth 4119 P8TD	Depth	From	To	Pre Pad #3 148 ppg	Max		5 Min.	
Volume 65.4	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush 2% HCL + mud flush	Gas Volume		Total Load	

Customer Representative Shane Summers	Station Manager Dave Autry	Treater Dave Scott
Service Units 106	23	34
72		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0700					Called Out
1000					On hoc w/ Trk's Safety mtg Cent - Basket
					Csg on Bottom Drop Ball & Circ w/ Rig
1727	200		2.4	5	St 2% HCL Preflush
1732	200		12	5	St mud flush
1735	300		2.5	5	Mix & Pump 10 sk's 60/40 poz Scavenger
1736	300			5	St mixing AA-2 Cmt @ 14.8 ppg
1744	Ø				w/ Gas Block In 175 sk's
1744	Ø		44.8	Ø	Finish mixing Cmt
1745			10	5	Wash Pumps line
					Drop h.D. Plug In Csg
1747	100			8.6	St Disp w/ H2O
1754	500			7.0	Lifting Cmt
1757	1200		65.4	Ø	Plug Down + PSI Test Csg
1800	Ø				Release psi Held
			5.7		Plug R.H. w/ 15 sk's & M.H. w/ 10 sk's 60/40 poz
					Good Circ During Job
					Job Complete
					Thank you Scotty