

FORM MUST BE TYPED

SIDE ONE

*Corrected*

ORIGINAL

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

API NO. 15- 121-27481-0001

County Miami *Appx. 76'S + 130'E*  
SW - NE - SW Sec. 12 Twp. 16S Rge. 24 X E

Operator: License # 32294 RECEIVED  
KANSAS CORPORATION COMMISSION

1584 Feet from (S)N (circle one) Line of Section

Name: Osborn Energy, L.L.C.

2840 Feet from (E)W (circle one) Line of Section

Address 24850 Farley MAR 19 2001

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

City/State/Zip Bucyrus, KS 66013 WICHITA, KS

Lease Name Someday Well # 16

Purchaser: Akawa Natural Gas, L.L.C.

Field Name Paola-Rantoul

Operator Contact Person: Steve Allee

Producing Formation Commingling per Docket # 195,305 (C-28,554)

Phone (913) 533-9900

Elevation: Ground 1005' KB N/A

Contractor: Name: R. S. Glaze Drilling Company

Total Depth 940' PSTD N/A

License: 5885

Amount of Surface Pipe Set and Cemented at 21 Feet

Wellsite Geologist: Rex Ashlock

Multiple Stage Cementing Collar Used? Yes X No

Designate Type of Completion

If yes, show depth set N/A Feet

New Well  Re-Entry  Workover  
 Oil  SUD  SLOW  Temp. Abd.  
 Gas  ENHR  SIGW  
 Dry  Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 932

feet depth to surface w/ 125 sx cmt.

If Workover:

Drilling Fluid Management Plan NO-DG-3/9/09  
(Data must be collected from the Reserve Pit)

Operator: Osborn Energy, L.L.C.

Chloride content N/A ppm Fluid volume 500+/- bbls

Well Name: Someday 16

Desaltering method used Evaporation

Comp. Date 9-15-1999 Old Total Depth 940

Location of fluid disposal if hauled offsite:

Deepening  Re-perf.  Conv. to Inj/SUD  
 Plug Back  PSTD  
 Commingled  Docket No. \_\_\_\_\_  
 Dual Completion  Docket No. \_\_\_\_\_  
 Other (SUD or Inj?)  Docket No. \_\_\_\_\_

Operator Name \_\_\_\_\_

Lease Name \_\_\_\_\_ License No. \_\_\_\_\_

9/15/99 9/15/99 \*10-3-2000  
10/2000

Quarter Sec. Twp. S Rng. E/W

Spud Date Date Reached TD Completion Date

County Docket No.

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 \_\_\_\_\_

Title Geologist Date 3-12-01

Subscribed and sworn to before me this 12 day of MARCH, 2001.

Notary Public William M. Osborn

Date Commission Expires 3-6-02

Notary Public - State of Kansas  
WILLIAM M. OSBORN  
My Appl. Exp. 3-6-02

*UIC HAS COPY*

K.C.C. OFFICE USE ONLY		
F	<u>NO</u>	Letter of Confidentiality Attached
C	<input type="checkbox"/>	Wireline Log Received
C	<input type="checkbox"/>	Geologist Report Received
Distribution		
<input checked="" type="checkbox"/>	KCC	<input type="checkbox"/> SUD/Rep <input type="checkbox"/> MGPA
<input type="checkbox"/>	KGS	<input type="checkbox"/> Plug <input type="checkbox"/> Other (specify)

Form ACD-1 (7-91)

X

Operator Name Osborn Energy, L.L.C. Lease Name Someday Well # 16

Sec. 12 Twp. 16 Rge. 24  East  
 West County Miami

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.)  
 List All E.Logs Run:

Log Formation (Top), Depth and Datum  Sample  
 Name Top Datum

CASING RECORD <input checked="" type="checkbox"/> New <input 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	10 3/4"	7"		21'	Portland	3	None
Production	6 1/4"	4 1/2"		932'	Class A	125	2% CaCl, 2% gel 3 lbs. 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				

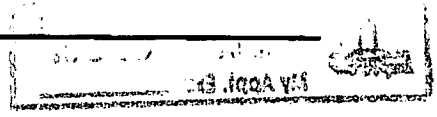
Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth
* 4	410.0' - 414.0'	27% HCl, 250 lbs. frac gel & 150 sacks 20/40 sand
6	484.0' - 486.0'	
* 4	526.0' - 530.0'	300 gal 15% HCl, 300 lbs. frac gel & 150 sacks 20/40 sand
* 4	552.0' - 556.0'	
* 3	790.0' - 796.0'	300 gal 15% HCl, 300 lbs. frac gel & 146 sacks 20/40 sand
* 4	816.0' - 820.0'	
* 4	851.0' - 861.0'	300 lbs. frac gel, 75 sacks 20/40 sand & 75 sacks 12/20 sand
		300 gal 15% HCl & 150 sacks 20/40 sand
		60 gal 27% HCl, 300 lbs. frac gel & 175 sacks 20/40 sand

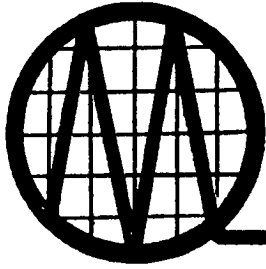
TUBING RECORD	Size	Set At	Packer At	Liner Run <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
N/A				

Date of First, Resumed Production, SLD or Inj. \* 10/2000 Producing Method  Flowing  Pumping  Gas Lift  Other (Explain)

Estimated Production Per 24 Hours	Oil Bbls.	Gas * Mcf	Water * Bbls.	Gas-Oil Ratio	Gravity
	N/A	47	240	N/A	N/A

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





**MIDWEST SURVEYS**  
LOGGING • PERFORATING • CONSULTING SERVICES

P. O. Box 328  
Paola, Kansas 66071  
913/755-2128

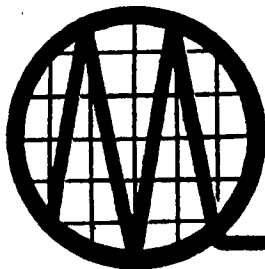
RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL  
MAR 9 2001

CONSERVATION DIVISION  
WICHITA, KS

PERFORATION RECORD

COMPANY:	<u>Osborn Energy, L.L.C.</u>
WELL NAME/NO.	<u>16</u>
LEASE/FIELD	<u>Someday</u>
COUNTY/STATE	<u>Miami, Kansas</u>
SERVICE ORDER NO.	<u>13703</u>
DATE	<u>10-3-2000</u>
PERFORATED @	<u>410.0 to 414.0</u>
TYPE OF JET, GUN OR CHARGE	<u>3 1/8" Densi Jet-X HSC</u>
NUMBER OF JETS, GUNS OR CHARGES	<u>Seventeen (17)</u>
CASING SIZE	<u>4 1/2"</u>



**MIDWEST SURVEYS**  
LOGGING • PERFORATING • CONSULTING SERVICES  
P. O. Box 328  
Paola, Kansas 66071  
913/755-2128

MAR 19 2001  
**ORIGINAL**  
CONSERVATION DIVISION  
WICHITA, KS

PERFORATION RECORD

COMPANY: Osborn Energy, L.L.C.

WELL NAME/NO. 16

LEASE/FIELD Someday

COUNTY/STATE Miami, Kansas

SERVICE ORDER NO. 13703

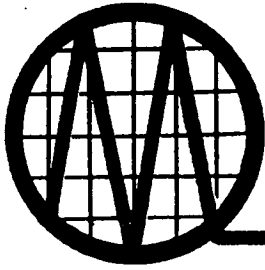
DATE 10-2-2000

PERFORATED @ 526.0 to 530.0

TYPE OF JET, GUN  
OR CHARGE 3 1/8" Densi Jet-X HSC

NUMBER OF JETS,  
GUNS OR CHARGES Seventeen (17)

CASING SIZE 4 1/2"



**MIDWEST SURVEYS**  
LOGGING • PERFORATING • CONSULTING SERVICES  
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913/755-2128

RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL  
MAR 19 2001

CONSERVATION DIVISION  
WICHITA, KS

PERFORATION RECORD

COMPANY: Osborn Energy, L.L.C.

WELL NAME/NO. 16

LEASE/FIELD Someday

COUNTY/STATE Miami, Kansas

SERVICE ORDER NO. 13700

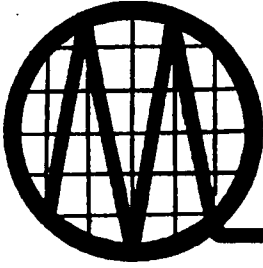
DATE 9-29-2000

PERFORATED @ 552.0 to 556.0

TYPE OF JET, GUN  
OR CHARGE 3 1/8" Densi Jet-X HSC

NUMBER OF JETS,  
GUNS OR CHARGES Seventeen (17)

CASING SIZE 4 1/2"



**MIDWEST SURVEYS**  
LOGGING • PERFORATING • CONSULTING SERVICES

P. O. Box 328  
Paola, Kansas 66071  
913/755-2128

ORIGINAL

RECEIVED  
KANSAS CORPORATION COMMISSION

MAR 19 2001

CONSERVATION DIVISION  
WICHITA, KS

PERFORATION RECORD

COMPANY: Osborn Energy, L.L.C.

WELL NAME/NO. 16

LEASE/FIELD Someday

COUNTY/STATE Miami, Kansas

SERVICE ORDER NO. 13699

DATE 9-28-2000

PERFORATED @ 790.0 to 796.0  
816.0 to 820.0

TYPE OF JET, GUN  
OR CHARGE 3 1/8" Densi Jet-X HSC

NUMBER OF JETS,  
GUNS OR CHARGES Thirty Six (36)

CASING SIZE 4 1/2"

RECEIVED  
KANSAS CORPORATION COMMISSION

ORIGINAL

LOG-TECH, INC.  
1011 240th Ave.  
HAYS, KANSAS 67601  
(785) 625-3858

MAR 19 2001

7845

CONSERVATION DIVISION  
WICHITA, KS Date 9/12/2000

CHARGE TO: Oskorn Energy, L.L.C.  
ADDRESS \_\_\_\_\_  
R/A SOURCE NO. \_\_\_\_\_ CUSTOMER ORDER NO. 317049  
LEASE AND WELL NO. Someday No. 16 FIELD Paola - Rantoul  
NEAREST TOWN Louisburg COUNTY Miami STATE KS  
SPOT LOCATION 2698' FEL & 3622' FNL SEC. 12 TWP. 16S RANGE 24E  
ZERO Ground Level CASING SIZE 4 1/2" WEIGHT \_\_\_\_\_  
CUSTOMER'S T.D. 918 LOG TECH \_\_\_\_\_ FLUID LEVEL \_\_\_\_\_  
ENGINEER B. Dwyer OPERATOR J. Brown

PERFORATING					
Description	No. Shots	From	Depth To	Amount	
Perforate w/3 1/8" HSC	40	851	861	1160	00

DEPTH AND OPERATIONS CHARGES					
Description	From	Depth To	Total No. Ft.	Price Per Ft.	Amount

MISCELLANEOUS		
Description	Quantity	Amount
Service Charge <u>Truck Rental</u>		450 00

PRICES SUBJECT TO CORRECTION BY BILLING DEPARTMENT

RECEIVED THE ABOVE SERVICES ACCORDING TO THE TERMS AND CONDITIONS SPECIFIED ON THE REVERSE SIDE TO WHICH WE HEREBY AGREE.

Customer Signature: [Signature] Date \_\_\_\_\_

Sub Total	2110	00
Code Ref. Tool Insurance		
Tax		
less <u>Reservat. Paid</u>		
<u>within 30 days</u>	930	00
Total	1180	00

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

MAR 19 2001

TICKET NUMBER 15506

LOCATION 247-2190

CONSERVATION DIVISION  
TREATMENT REPORT

FOREMAN [Signature]

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-27-01		Samuel 1516					247-2190	Myrtle Sand
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	4 1/2
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	2 1/8 1416
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	Ballon
PERFORATIONS	1-1/2" slots
SHOTS/FT	2-5 PF
OPEN HOLE	
TREATMENT VIA	Tubing

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		4300

INSTRUCTIONS PRIOR TO JOB: Mix 4 Carboys of 2790 HCL, Displace to Perf. Stage 1 time 100 Bbl straight water Pad, Run 150 psi + 1000 sand, stop well at PSI pumps, Run more sand, 1 hour to Perf. plus 50 Bbl overfilled. Wait 15 min.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Displace 4 Carboys of 2790 to Perf. Stage 1 time, 100 Bbl pad straight water. Sand to 2000 psi, Run 150 psi + 1000 sand, 1 hour to Perf. Pumped 3rd well, at 15 BPM, well not perf, dropped to 13 BPM, Run 2500 gal sand, Run out of sand, Cleaned up Blender, Flushed Perf. plus 29 Bbl overfilled. Used 430 Bbls of Wax Water. Wait 15 min for last pour test.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	100 psi
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	1300 psi
MINIMUM	1250 psi
AVERAGE	1500 psi
ISIP	350 psi
5 MIN SIP	300 psi
15 MIN SIP	250 psi

TREATMENT RATE	
BREAKDOWN BPM	12
INITIAL BPM	12
FINAL BPM	10
MINIMUM BPM	12
MAXIMUM BPM	18 salt prep
AVERAGE BPM	16.50
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9-27-00

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.



2 Zone Acid  
**CONSOLIDATED INDUSTRIAL SERVICES, INC.**  
 211 W. 14TH STREET, CHANUTE, KS 66720  
 316-431-9210 OR 800-467-8676

MAR 19 2001

TICKET NUMBER **15508**

LOCATION **699247 St.**

CONSERVATION DIVISION  
 WICHITA, KS

FOREMAN **ZK**  
 Bucyrus Rd. 1W. 3/4s.  
 W. Seale

9/28/00

DATE 9/28/00	CUSTOMER ACCT # 5073	WELL NAME Somerset A 16	QTR/QTR	SECTION 12	TWP 16	RGE R347	COUNTY ME	FORMATION Mudstone Sand
CHARGE TO Suborn Energy				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

**WELL DATA**

HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	4 1/2
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	2 7/8 PAF 8.0
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	703 80T Pct. Packer
PERFORATIONS	19 shots
SHOTS/FT	4 pcf
OPEN HOLE	
TREATMENT VIA	Tubing

**TYPE OF TREATMENT**

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input checked="" type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

**PRESSURE LIMITATIONS**

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB: Break Well down, Spearhead 300/1390 HCL before 7:00 Stage acid 2 times, 1st Stage 1100 PSI at 5:00 PM, 2nd Stage 950-1000 PSI. Overhead 1 Blk.

**JOB SUMMARY**

DESCRIPTION OF JOB EVENTS: 100 pcf straight water packer fluid to be used at 14:50 BPM Ran 75 min 20/100 25 min 12/100, Cleaned up Blender, F. Crest to Puff 20 pcf overhead with straight water, wait 15 min leak down test. Used 286 Blks of base water. 1/2 shut in overnight and day.

**PRESSURE SUMMARY**

BREAKDOWN or CIRCULATING	2600	psi
FINAL DISPLACEMENT		psi
ANNULUS		psi
MAXIMUM	1000	psi
MINIMUM	1400	psi
AVERAGE	1500	psi
ISIP	1500	psi
5 MIN SIP	200	psi
15 MIN SIP	300	psi

**TREATMENT RATE**

BREAKDOWN BPM	2
INITIAL BPM	10
FINAL BPM	13.50
MINIMUM BPM	13.50
MAXIMUM BPM	14.50
AVERAGE BPM	14

HYD HHP = RATE X PRESSURE X 40.8

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE **9-28-00**

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

MAR 19 2001

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

TICKET NUMBER 15509

LOCATION 699 247 St.

TREATMENT REPORT

FOREMAN JK  
Burgess Erit 1W 15

9/29/00  
9-19-00

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-29-00	6073	Sonahan #16		12	16	29	MI	Nusky
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	4 1/2
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	2 1/8 L 49 1/2
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

	PRESSURE LIMITATIONS	
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB: Break well down with acid. Pump 300 gal 13.9% acid. Wait 10 min between stages. High PSI & 2-BPM. 2500 PSI.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS: Tied to pumps into 2 BP. Pumped 4 Carbowen 13.9% acid. Displace to Pab. Stage 1 two. Still by high PSI. Acid was pumped 300 gal 13.9% acid into Bladder. PSI still to high. 1.0 and back. Pulling Unit pulled back passes, no gains. Monday.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	0' Breakdown
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	3000
MINIMUM	2800
AVERAGE	
ISIP	0
5 MIN SIP	
15 MIN SIP	

TREATMENT RATE	
BREAKDOWN BPM	0' Breakdown
INITIAL BPM	2
FINAL BPM	
MINIMUM BPM	2
MAXIMUM BPM	2
AVERAGE BPM	2
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE 9-29-00

CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

MAR 19 2001

TICKET NUMBER 15510

LOCATION 247th 969 Hwy

TREATMENT REPORT

FOREMAN 97  
Burgess Emil W. IS an  
Wassuck

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
10-2-00	Sparks	Somerset 116		12	26	24	MT	Mulky
CHARGE TO Osborn Energy				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE KS ZIP CODE				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION 9:15 AM				TIME LEFT LOCATION 11:45 AM				

WELL DATA

HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	4 1/2
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	2 7/8 & 4 1/2
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	502 Rel. Pack 503
PERFORATIONS	17 Holes
SHOTS/FT	4.5
OPEN HOLE	
TREATMENT VIA	Tubing

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB 300 gal 15% HCl Acid Somersets before I can stage 2 times, after broke well down, 5 Min. wait period between stages. Qualified to Pump.

DESCRIPTION OF JOB EVENTS No. 16 1/2" stringer water packer was run of straight water 8 1/2" stringer 16 3/4" at 10 BPM. Ran 100 gal of sand also screened off. 7 liters 10 BBL qualified. Flowed back to bit, Used 2 1/2 BBL of base water used for BBL of base water.

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	1100
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	3200
MINIMUM	800
AVERAGE	2800
ISIP	250
5 MIN SIP	Flowed back to bit
15 MIN SIP	

TREATMENT RATE

BREAKDOWN BPM	2
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	10.25
AVERAGE BPM	4

HYD HHP = RATE X PRESSURE X 40.8

AUTHORIZATION TO PROCEED TITLE DATE

MAR 19 2001

*J. Jones*  
CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

CONSERVATION DIVISION  
WICHITA, KS

TICKET NUMBER 15511

LOCATION: *247 S. 69th Ave*

TREATMENT REPORT

FOREMAN *J. Jones*

*Receipts with Me 15*

DATE <i>10-2-00</i>	CUSTOMER ACCT #	WELL NAME <i>Someday 16</i>	QTR/QTR	SECTION <i>12</i>	TWP <i>16</i>	RGE <i>24</i>	COUNTY <i>MT</i>	FORMATION <i>Summit</i>
CHARGE TO <i>Adborn Energy</i>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <i>11:45 AM</i>				TIME LEFT LOCATION <i>6:15 PM</i>				

WELL DATA

HOLE SIZE
TOTAL DEPTH
CASING SIZE <i>4 1/2</i>
CASING DEPTH
CASING WEIGHT
CASING CONDITION
TUBING SIZE <i>2 1/8 5/8</i>
TUBING DEPTH
TUBING WEIGHT
TUBING CONDITION
PACKER DEPTH <i>300</i>
PERFORATIONS <i>17 spots</i>
SHOTS/FT <i>4 PPT</i>
OPEN HOLE
TREATMENT VIA <i>Tubing</i>

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB *300 gal 15% HCl acid pumped down. Staged 2 times. After 15 min wait down. Staged 5 min wait between stages. Swabbed to perf.*

DESCRIPTION OF JOB EVENTS *100 BBL Straight Water Pad, 200 BBL 15% HCl acid pumped to 200' level. Cleaned up Blended Fluid to perf. 20 BBL 15% HCl acid pumped to 200' level. 200 gal 15% HCl acid pumped to 200' level.*

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	<i>1400</i>
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	<i>1200</i>
MINIMUM	<i>800</i>
AVERAGE	<i>1000</i>
ISIP	<i>550</i>
5 MIN SIP	<i>400</i>
15 MIN SIP	<i>300</i>

TREATMENT RATE

BREAKDOWN BPM	<i>2</i>
INITIAL BPM	<i>8</i>
FINAL BPM	<i>10</i>
MINIMUM BPM	<i>9.38</i>
MAXIMUM BPM	<i>12.50</i>
AVERAGE BPM	<i>9.38</i>

HYD HHP = RATE X PRESSURE X 40.8

AUTHORIZATION TO PROCEED \_\_\_\_\_ TITLE \_\_\_\_\_ DATE *10/2/00*

MAR 19 2001

ORIGINAL

CONSOLIDATED INDUSTRIAL SERVICES INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

TREATMENT REPORT

TICKET NUMBER 15512

LOCATION 247 St 9th 694 Hwy

FOREMAN JH

Bryan E. [unclear] 1 W 15

DATE 10-3-00	CUSTOMER ACCT #	WELL NAME Somelay #16	QTR/QTR	SECTION 12	TWP 96	RGE 24	COUNTY NF	FORMATION Lehighton
CHARGE TO Isborn Energy LLC				OWNER				
MAILING ADDRESS				OPERATOR				
CITY Cuyuna				CONTRACTOR				
STATE KS				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION 12:30 PM				
TIME ARRIVED ON LOCATION 10:01 AM								

HOLE SIZE		
TOTAL DEPTH		
CASING SIZE	4 1/2	
CASING DEPTH		
CASING WEIGHT		
CASING CONDITION		
TUBING SIZE		
TUBING DEPTH		
TUBING WEIGHT		
TUBING CONDITION		
PACKER DEPTH	Psd Pack	
PERFORATIONS	484 HPS 8.6in to Psd	
SHOTS/FT	15 holes	
OPEN HOLE		
TREATMENT VIA	Casing	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input checked="" type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input checked="" type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE BOREHOLE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB Pump 4 Cuyuna of 2790 1/2 in. Blends. Displace to Psd. Break Well down, Stage 3-ting, No Breakdown. PSE seen

DESCRIPTION OF JOB EVENTS 100 Bbl Straight Water Packback 10 B.P.M. Switch to Gelled Water. Run 50 at 2090 Seal down eye Blends. Flush to Psd when 20 Bbls Gelled. used 315 Bbls of Seal Water. 150 Straight Used 195 Bbls of Gelled Water. 20" Gel system. 15 Min Leak down Test. Flowed back to Psd

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	No breakdown PSE
FINAL DISPLACEMENT	psl
ANNULUS	psl
MAXIMUM	900
MINIMUM	700
AVERAGE	800
ISIP	475
5 MIN SIP	530
15 MIN SIP	500

TREATMENT RATE	
BREAKDOWN BPM	2
INITIAL BPM	8
FINAL BPM	1000
MINIMUM BPM	60
MAXIMUM BPM	1075
AVERAGE BPM	950
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED TITLE DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE.

ORIGINAL

2nd Zone  
CONSOLIDATED INDUSTRIAL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
316-431-9210 OR 800-467-8676

MAR 19 2001

TICKET NUMBER 15513

LOCATION 247 St & 69 Hwy

FOREMAN *JH*  
*Boucyer Cleveland Field*  
1 W. 12 W. side.

TREATMENT REPORT

DATE <i>9/2/01</i>	CUSTOMER ACCT #	WELL NAME <i>Somerset #16</i>	QTR/QTR	SECTION <i>12</i>	TWP <i>16</i>	RGE <i>24</i>	COUNTY <i>MT</i>	FORMATION <i>South Nemo</i>
CHARGE TO <i>Osborn Energy</i>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY <i>Bucyrus</i>				CONTRACTOR				
STATE <i>Kans</i>		ZIP CODE		DISTANCE TO LOCATION				
TIME ARRIVED ON LOCATION <i>11:30 PM</i>				TIME LEFT LOCATION <i>3:30 PM</i>				

WELL DATA

HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	<i>4 1/2</i>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	<i>1st Packer 490</i>
PERFORATIONS	<i>11 holes</i>
SHOTS/FT	<i>4 spp</i>
OPEN HOLE	
TREATMENT VIA	<i>long</i>

TYPE OF TREATMENT

<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input checked="" type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input type="checkbox"/> PLUG & ABANDON	<input checked="" type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS

	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTIONS PRIOR TO JOB *Mixed 4 Carbonate to HCl acid in Blenda, Bupe Well down*  
*pendant acid to Perf. Stayed acid 2 times down 4' each between plugs.*

DESCRIPTION OF JOB EVENTS *100 BBL Straight Water Pad at 10:00 AM. Started in Blenda*  
*Water Run 150 m 2000 psi (cleaned up Blenda, I tried to Perf 20 BBL*  
*then used 250 BBL of base water had 200 BBL of Deller water 170 BBL of*  
*Straight Water. Had 15 muffer back down. Fed 9 low pad, had acid*  
*downwards Pad.*

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	<i>190.0</i>
FINAL DISPLACEMENT	
ANNULUS	
MAXIMUM	<i>1000.0</i>
MINIMUM	<i>600.0</i>
AVERAGE	<i>870.0</i>
ISIP	<i>300.0</i>
5 MIN SIP	<i>250.0</i>
15 MIN SIP	<i>200.0</i>

TREATMENT RATE

BREAKDOWN BPM	<i>3</i>
INITIAL BPM	
FINAL BPM	<i>10.25</i>
MINIMUM BPM	<i>10.50</i>
MAXIMUM BPM	<i>10.60</i>
AVERAGE BPM	<i>10.20</i>

HYD HHP = RATE X PRESSURE X 40.8

AUTHORIZATION TO PROCEED TITLE DATE

ALL THE TERMS AND CONDITIONS STATED ON THE REVERSE SIDE ARE INCORPORATED AS PART OF THIS SALE. *10-3-00*