

*CORRECTED

SIDE ONE

ORIGINAL

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

RECEIVED
KANSAS CORPORATION COMMISSION
MAR 15 2001
CONSERVATION DIVISION
WICHITA, KS

API NO. 15- 121-27471-009

County Miami
NE - SW - NE Sec. 12 Twp. 16 Rge. 24 X E W

Operator: License # 32294

Name: Osborn Energy, L.L.C.

Address 24850 Farley

City/State/Zip Bucyrus, KS 66013

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

Operator Contact Person: Steve Allee

Phone (913) 533-9900

Contractor: Name: R. S. Glaze Drilling Company

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion
 New Well Re-Entry Workover

 Oil SWD SLOW Temp. Abd.
 X Gas ENHR SIGW
 Dry Other (Core, WSU, Expl., Cathodic, etc)

If Workover:

* Operator: Osborn Energy, L.L.C.

Well Name: Someday 6

Comp. Date 8/17/99 Old Total Depth 963'

 Deepening X Re-perf. Conv. to Inj/SWD
 X Plug Back 845.0' PBTD
 Commingled Docket No.
 Dual Completion Docket No.
 Other (SWD or Inj?) Docket No.

* 10/29/99 8/17/99 * 2/2000

Spud Date Date Reached TD Completion Date

1983 Feet from S (N) (circle one) Line of Section
1978 Feet from (E) (circle one) Line of Section

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

Lease Name Someday Well # 6

Field Name Paola-Rantoul

Producing Formation Mississippian

Elevation: Ground 1042 KB N/A

Total Depth 963' PBTD N/A

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from 963

feet depth to Surface w/ 115 sx cmt

Drilling Fluid Management Plan A14Z-dlg-3/16/09
(Data must be collected from the Reserve Pit)

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

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

 Quarter Sec. Twp. S Rng. E/W

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 [Signature]

Title Geologist Date 3-12-01

Subscribed and sworn to before me this 12th day of March, 192001.

Notary Public Alice M. Reeves

Date Commission Expires March 22, 2003

K.C.C. OFFICE USE ONLY
F Letter of Confidentiality Attached
C Wireline Log Received
C Geologist Report Received

Distribution
 KCC SWD/Rep MGPA
 KGS Plug Other
(Specify)

ALICE M. REEVES
Notary Public - State of Kansas
My Appt. Expires 3-22-2003

Operator Name Osborn Energy, L.L.C.

Lease Name Someday

Well # 6

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 (Attach Additional Sheets.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<input type="checkbox"/> Log Formation (Top), Depth and Datums	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Name	Top Datum
Cores Taken	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Electric Log Run (Submit Copy.)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
List All E.Logs Run:			

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 1/2"	7"		20'	Portland	3	None
Production	6 3/4	4 1/2"		963'	50/50 Poz mix	115	Lamar D, Druce Gilsonite, Flo-seal salt & gel

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
* 2	606.0'-612.0'	20% mud acid	
	Bridge Plug @ 845.0'		
* 2	858.0'-878.0'	200 gal 15% mud acid, 10 sacks 20-40 sand	
		1,000lbs. 20/40 sand & 3,000 lbs. 12/20 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, SMD or Inj. * 2/2000	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
Estimated Production Per 24 Hours	Oil N/A Bbls. Gas * 31 Mcf Water * 320 Bbls. Gas-Oil Ratio N/A Gravity N/A

Disposition of Gas: **METHOD OF COMPLETION** (Production Interval)

Vented Sold Used on Lease (if vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled

Other (Specify) _____

ORIGINAL

SERVICE TICKET

UNITED CEMENTING & ACID CO., INC.

No 1215

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 336-321-4660

DATE 9-11-99 COUNTY Wyandotte
 CHG. TO: Osborn Energy ADDRESS _____
 CITY _____ STATE _____ ZIP _____
 LEASE & WELL NO. Survey # 6 SEC. _____ TWP. _____ RNG. _____
 CONTRACTOR None TIME ON LOCATION 10:30 A.M.
 KIND OF JOB min frac
 SERVICE CHARGE: Pump Truck New well 500.00

QUANTITY	MATERIAL USED	TYPE	
200	gals 15% mud acid	# 6	96
10	sq 20-40 sand	@	900 per sq
50	lbs Gel	@	400 per lb
2 1/2	gals E-8061 Non Emulsifier	@ 2100	per gal
	BULK CHARGE	None	
	BULK TRK. MILES		
	PUMP TRK. MILES	None	
	PLUGS		
	SALES TAX		MAR 15 2001
	TOTAL		1034.50

RECEIVED KANSAS CORPORATION COMMISSION

T. D. _____ WICHITA, KS
 SIZE HOLE _____ CSG. SET AT _____ VOLUME _____
 MAX. PRESS. _____ TBG SET AT _____ VOLUME _____
 PLUG DEPTH _____ SIZE PIPE _____
 PLUG USED _____ PKER DEPTH _____
 TIME FINISHED 11:30 A.M.

REMARKS: Perforation @ 858 to 878 42 holes Gel 80 bbls
Saltwater Drop Acid in well loaded casing - infection
rate @ 6 bbls per min @ 900 lbs Close in pressure @ 50 lbs.
treated well with 200 gals 15% mud acid & 10 sq 20-40 sand
Break down pressure @ 1200 lbs. total fluid used 60 bbls

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
<u>Ron Pitt</u>			
<u>[Signature]</u>			

CEMENTER OR TREATER _____ OWNER'S REP. _____



ORIGINAL

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES

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

BRIDGE PLUG RECORD

COMPANY:

Osborn Energy, LLC

RECEIVED
KANSAS CORPORATION COMMISSION

MAR 15 2001

CONSERVATION DIVISION
WICHITA, KS

WELL NAME/NO.

6

LEASE/FIELD

Someday Lease

COUNTY/STATE

Miami, Kansas

SERVICE ORDER NO.

13256

DATE

10-29-1999

BRIDGE PLUG SET @

845.0

TYPE OF JET, GUN
OR CHARGE

3.50 Plug Well Bridge Plug

NUMBER OF JETS,
GUNS OR CHARGES

One (1)

CASING SIZE

4 1/2"

SERVICE TICKET

ORIGINAL

UNITED CEMENTING & ACID CO., INC.

No 1578

BOX 712

EL DORADO, KANSAS 67042

PHONE AC 316-321-4680

DATE 11-1-99 COUNTY Mc

CHG. TO: Osborn 349 ADDRESS

CITY STATE ZIP

LEASE & WELL NO. Someday #6 SEC. TWP. RNG.

CONTRACTOR RD #377102 TIME ON LOCATION 3:30

KIND OF JOB Acid

SERVICE CHARGE: Pump truck NEW WELL 425.00

QUANTITY	MATERIAL USED TYPE	
200 gal	20% mud acid (Clay bond)	@ 1.13 226.00
2 gals	Clay stay	@ 18.70 per gal 37.40
RECEIVED		
KANSAS CORPORATION COMMISSION		
BULK CHARGE		
BULK TRK. MILES		MAR 15 2001
PUMP TRK. MILES	None	
CONSERVATION DIVISION WICHITA, KS		
PLUGS		
SALES TAX		
TOTAL		688.40

T. D. CSG. SET AT VOLUME

SIZE HOLE TBG SET AT VOLUME

MAX. PRESS. SIZE PIPE

PLUG DEPTH PKER DEPTH

PLUG USED TIME FINISHED 4:30

REMARKS: via 4 1/2 casing Pump 200 gal acid & start. Displacement pressure goes to 400psi & drops to 300psi. Pressure increases on the 10 sand over flush. T.S. & P. = 0

EQUIPMENT USED

NAME	UNIT NO.	NAME	UNIT NO.
For m. sp			

CEMENTER OR TREATER

OWNER'S REP.

ORIGINAL

MAR 15 2001

CONSOLIDATED INDUSTRIAL SERVICES, INC.
211 W. 14TH STREET, CHANUTE, KS 66720
316-431-9210 OR 800-487-8676

CONSERVATION DIVISION
WICHITA, KS
TREATMENT REPORT

TICKET NUMBER 12377

LOCATION 691 247th - 1W to
Farley - 1/2 S - E. side
FOREMAN Jerry Lester

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
11-17-99		Samday #6					Mi.	SGU.
CHARGE TO Osborn 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	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	606-12
SHOTS/FT	13.5A
OPEN HOLE	
TREATMENT VIA	Casing

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input 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 load hole - re-establish rate of 10 BPM - pump 10-15 bbl pad - 2,000[#] sand - 7 balls - 2,000[#] sand - flush to parts - flow balls off - 10 bbl. over flush

JOB SUMMARY

DESCRIPTION OF JOB EVENTS loaded hole - established 10 BPM rate - pump pad 15 bbl pad - 1,000[#] 20/40 - 1,000[#] 12/20 - 7 balls - 2,000[#] 12/20 - flushed to parts - flow balls off - 10 bbl. over flush

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	— psi
FINAL DISPLACEMENT	1900 psi
ANNULUS	psi
MAXIMUM	2800 psi
MINIMUM	500 psi
AVERAGE	psi
ISIP	100 psi
5 MIN SIP	0 psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	10
FINAL BPM	10
MINIMUM BPM	6
MAXIMUM BPM	10
AVERAGE BPM	
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____

FORM MUST BE TYPED

*CORRECTED #2 SIDE ONE

Corr w/c1

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

RECEIVED
KANSAS CORPORATION COMMISSION
WICHITA, KS
DEC 03 2001

API NO. 15- 121-27471-0001

County Miami

NE - SW - NE Sec. 12 Twp. 16 Rge. 24 X E W

Operator: License # 32294

Name: Osborn Energy, L.L.C.

Address 24850 Farley

City/State/Zip Bucyrus, KS 66013

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

Operator Contact Person: Steve Allee

Phone (913) 533-9900

Contractor: Name: R. S. Glaze Drilling Company

License: 5885

Wellsite Geologist: Rex Ashlock

Designate Type of Completion

New Well Re-Entry X Workover

Oil SLD SLOW Temp. Abd.
X Gas ENHR SIGW
Dry Other (Core, USW, Expl., Cathodic, etc)

If Workover:

* Operator: Osborn Energy, L.L.C.

Well Name: Someday 6

Comp. Date 8/17/99 Old Total Depth 963'

Deepening X Re-perf. Conv. to Inj/SLD
Plug Back PBTB
* X Commingled Docket No. 195-304 C
Dual Completion Docket No.
Other (SLD or Inj?) Docket No.

10/29/99 8/17/99 2/2000
Spud Date Date Reached TD Completion Date

1983 Feet from S/N (circle one) Line of Section

1478 Feet from E/W (circle one) Line of Section

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

Lease Name Someday Well # 6

Field Name Paola-Rantoul

Producing Formation Mississippian

Elevation: Ground 1042 KB N/A

Total Depth 963' PBTB N/A

Amount of Surface Pipe Set and Cemented at 20 Feet

Multiple Stage Cementing Collar Used? Yes X No

If yes, show depth set N/A Feet

If Alternate II completion, cement circulated from 963

feet depth to surface w/ 115 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

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

Dewatering method used Evaporation

Location of fluid disposal if hauled offsite:

Operator Name

Lease Name License No.

Quarter Sec. Twp. S Rng. E/W

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 [Signature]

Title Geologist Date 11/28/01

Subscribed and sworn to before me this 28th day of November

2001

Notary Public Mark A. Williams

Date Commission Expires 6-6-05

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

Mark A. Williams
NOTARY PUBLIC
State of Kansas
MY APPT. EXPIRES 6-6-05

Operator Name Osborn Energy, L.L.C.

Lease Name Someday

Well # 6

Sec. 12 Twp. 16 Rge. 24

East

County Miami

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 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 1/2"	7"		20'	Portland	3	None
Production	6 3/4	4 1/2"		963'	50/50 Poz mix	115	Lamar D, Druce Gilsonite, Flo-seal salt & gel

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	526.0' - 529.0'		
* 4	567.0' - 571.0'		
* 2	606.0' - 612.0'		
* 2	621.0' - 625.0'		
* 2 ; 2	641.0' - 649.0' ; 651.0' - 655.0'		
* 4	738.0' - 748.0'		
* 4	824.0' - 828.0'	* 450 gal 27% HCl, 260 sx 20/40 sand, 1,000 lb rock salt	
2	858.0' - 878.0'		

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, S&D or Inj.	Producing Method <input type="checkbox"/> Flowing <input checked="" type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other (Explain)
2/2000	

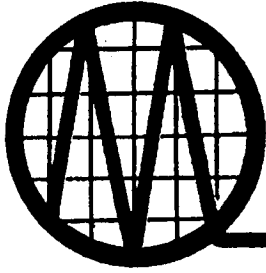
Estimated Production Per 24 Hours	Oil Bbls.	Gas * Mcf	Water * Bbls.	Gas-Oil Ratio	Gravity.
N/A	N/A	16,000	294	N/A	N/A

Disposition of Gas: **METHOD OF COMPLETION** Production Interval

Vented Sold Used on Lease (If vented, submit ACO-18.)

Open Hole Perf. Dually Comp. Commingled D 195 - 304 C

Other (Specify) _____



ORIGINAL

MIDWEST SURVEYS
LOGGING • PERFORATING • CONSULTING SERVICES

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

RECEIVED
KANSAS CORPORATION COMMISSION

DEC 03 2001

CONSERVATION DIVISION
WICHITA, KS

PERFORATION RECORD

COMPANY: Osborn Energy, L.L.C.

WELL NAME/NO. 6

LEASE/FIELD Someday

COUNTY/STATE Miami, Kansas

SERVICE ORDER NO. 13578

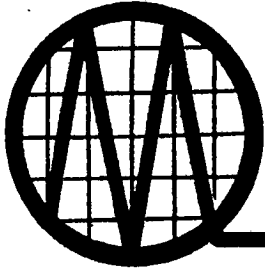
DATE 7-12-2000

PERFORATED @ 526.0 - 529.0, 567.0 - 571.0, 621.0 - 625.0
641.0 - 649.0, 651.0 - 655.0

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

NUMBER OF JETS,
GUNS OR CHARGES Sixty Five (65)

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

DEC 03 2001

CONSERVATION DIVISION
WICHITA, KS

PERFORATION RECORD

COMPANY: Osborn Energy, L.L.C.
API # 15-121-27,471

WELL NAME/NO. 6
LEASE/FIELD Someday
COUNTY/STATE Miami, Kansas
SERVICE ORDER NO. 13660
DATE 9-15-2000
PERFORATED @ 824.0 - 828.0 738.0 - 748.0

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

NUMBER OF JETS,
GUNS OR CHARGES Fifty Eight (58)

CASING SIZE 4 1/2"

ORIGINAL

DEC 03 2001

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

CONSERVATION DIVISION
WICHITA, KS

TREATMENT REPORT

TICKET NUMBER 15493

LOCATION 69 Cleveland Field

FOREMAN ZK

1.0 1.0 3.0 on 1 well

DATE <u>9-11</u>	CUSTOMER ACCT # <u>00</u>	WELL NAME <u>Sunday #</u>	QTR/QTR	SECTION <u>12</u>	TWP <u>16</u>	RGE <u>24E</u>	COUNTY <u>NE</u>	FORMATION <u>Murray Form</u>
CHARGE TO <u>Toborn</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME ARRIVED ON LOCATION <u>12:30 Noon</u>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION <u>5:30 PM</u>				

HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	<u>4 1/2</u>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	<u>2 1/8 864E</u>
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	<u>804</u>
PERFORMANCES	<u>858-875 Geyser Shots</u>
SHOTS/FT	<u>38 shots 4 in Geyser</u>
OPEN HOLE	
TREATMENT VIA	<u>Tubing</u>

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 450 gal 27.7% HCL acid mixed w/ 5% 90, 5 topped tanks
at 3 BPM, 100 BBL Pad, 1.50M 20/40, Drag S all, 100 BBL Pad
Prim 1.50M 20/40 Drag to Perf. 20 BBL Over

JOB SUMMARY

DESCRIPTION OF JOB EVENTS 100 BBL Pad. Went to Gelled Water. Ran 100 x 20/40
Sand, psi climbing cut sand, Ran 30M 20/40 Sand, went to
straight water. Dragged 20M Pad. at 3 intervals at 15 BPM.
Dragged to 10 BPM, 60 BBL straight water. Pad. went to Gelled
Ran 1.50M 20/40 Sand. Ran out of water. Gelled. Went to
straight Drag to Perf. 20 BBL Over. Used Total of 518 BBL
330 BBL Gelled Water 1.93 Straight Water 204 BBL.

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	<u>already Below Dam</u>
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	<u>2400</u> psi
MINIMUM	<u>1600</u> psi
AVERAGE	<u>2000</u> psi
ISIP	<u>200</u> psi
5 MIN SIP	<u>100</u> psi
15 MIN SIP	<u>By Fract. pump 0</u> psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	<u>9</u>
MAXIMUM BPM	<u>10</u>
AVERAGE BPM	<u>9.51</u>
HYD HHP = RATE X PRESSURE X 40.8	

AUTHORIZATION TO PROCEED _____ TITLE _____ DATE _____