

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

API NO. 15- 15-001-288660000

County ALLEN

ORIGINAL

SE NW NW SW Sec. 4 Twp. 26S Rge. 19E X E W

Operator: License # # 7208

2145 Feet from S/N (circle one) Line of Section

Name: LORAIN CLEAVER OIL

4785 Feet from E/W (circle one) Line of Section

Address 0700 TEXAS ROAD

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

City/State/Zip COLONY, KANSAS 66015

Lease Name GARVIE Well # # 8

Purchaser: PLAINS MARKETING # 21170

Field Name HUMBOLDT/CHANUTE

Operator Contact Person: BETTY THORNHILL

Producing Formation BARTLESVILLE

Phone () 316-365-2515

Elevation: Ground N/A KB N/A

Contractor: Name: LORAIN CLEAVER OIL

Total Depth 920 Feet PBTD 901 Feet

License: # 6056

Amount of Surface Pipe Set and Cemented at 20 Feet

Wellsite Geologist: NONE

Multiple Stage Cementing Collar Used? Yes XX No

Designate Type of Completion

X New Well Re-Entry Workover

If yes, show depth set Feet

X Oil SWD S10W Temp Abd.

Alternate II completion, cement circulated from 901

Gas ENHR SIGW

Depth to 0 w/ 150 sx cm.

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

Drilling Fluid Management Plan Act II W/WM 5-15-02
Data must be collected from the Reserve Pit)

If Workover/Re-Entry: old well info as follows:

Operator:

Chloride content ppm Fluid volume bbls

Well Name:

Dewatering method used

Comp. Date Old Total Depth

Location of fluid disposal if hauled offsite:

Deepening Re-perf. Conv. to Inj/SWD

Plug Back PBTD

Commingled Docket No.

Dual Completion Docket No.

Other (SWD or Inj?) Docket No.

Operator Name

Lease Name License No.

9-1-2000 9-8-2000 9-11-2000
Spud Date Date Reached TD Completion Date

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 X Lorain Cleaver

Title OWNER Date 11/10/2000

Subscribed and sworn to before me this 10 day of November 19 2000

Notary Public Betty Thornhill

Date Commission Expires 3/8/2002

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

Operator Name LORAIN CLEAVER

Lease Name GARVIE

Well # # 8

East

County ALLEN

Sec. 4 Twp. 26S Rge. 19

West

ORIGINAL

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.)

Log Formation (Top), Depth and Datum Sample

Name Top Datum

List All E.Logs Run:

CASING RECORD <input 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		6 Inches		20 Feet	Portland	5	
Production		2 7/8 Inches		901 Feet	50/50 POZ-Mix	150	

Purpose:	Depth		Type of Cement	#Sacks Used	Type and Percent Additives
	Top	Bottom			
<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
7 Shots	857 Feet- 860 Feet	
	Seating Nipple 848 Feet	

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

Date of First, Resumed Production, SWD or Inj.	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	Bbls.	Gas	Mcf	Water	Bbls.	Gas-Oil Ratio	Gravity
	XX	3			XX	7		

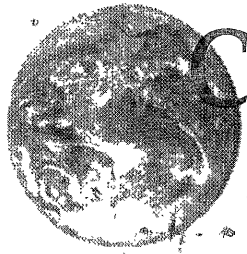
Disposition of Gas: NONE

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

METHOD OF COMPLETION

Open Hole Perf. Dually Comp. Commingled
 Other (Specify) _____

Production Interval _____



CONSOLIDATED INDUSTRIAL SERVICES

.....
A N INFINITY COMPANY

211 W. 14th, P.O. Box 884 Chanute, KS 66720 • 316/431-9210 • 1-800/467-8676

INVOICE DATE	INVOICE NO.
09/08/00	00168996

**S
O
L
D

T
O**

1823
CLEAVER, LORIANE DBA BLACK DIA
0700 TEXAS ROAD
COLONY KS 66015

GARVIE #8
WARRANTY JOB
10/2

TERMS: Net 30 Days
A Finance Charge computed at 1% per month (annual percentage rate of 12%) will be added to balances over 30 days.

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.		
1823	0009		GRAVEY # 8	09/01/2000	15032		
ITEM NUMBER	DESCRIPTION			UNITS	UNIT PRICE	UNIT MEAS	EXTENDED PRICE
5401	CEMENT PUMPER			1.0000	475.0000	EA	475.00
5402	CASING FOOTAGE			901.0000	.1200	EA	108.12
1118	PREMIUM GEL			3.0000	10.5000	SK	31.50
1111	GRANULATED SALT (004)			400.0000	.2000	LB	80.00
1107	FLO-SEAL (264)			2.0000	33.5500	SK	67.10
4402	2-1/2" RUBBER PLUG			1.0000	15.0000	EA	15.00
5502	80 BBL VACUUM TRUCK			.0000	.0000	HR	.00
1124	50/50 POZ CEMENT MIX			150.0000	7.2500	EA	1087.50
4101	FUEL SURCHARGE			32.0000	.1000	EA	3.20
5407	BULK CEMENT DELIVERY/MIN BULK DEL			1.0000	150.0000	EA	150.00

ORIGINAL

GROSS INVOICE 2099.41	TAX 81.00	
--------------------------	--------------	--

REMITTANCE COPY

PLEASE PAY 2099.41

ORIGINAL

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

TICKET NUMBER **15627**
LOCATION Humbolt - Central
FOREMAN _____

TREATMENT REPORT

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-8-00		Garvie #8		4	26	17	HL	Bart.
CHARGE TO <u>Lorraine Cleaver</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY				CONTRACTOR				
STATE				DISTANCE TO LOCATION				
ZIP CODE				TIME LEFT LOCATION				
TIME ARRIVED ON LOCATION								

WELL DATA	
HOLE SIZE	
TOTAL DEPTH	
CASING SIZE	2 7/8
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
TUBING DEPTH	
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	957-60
SHOTS/FT	
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 checked="" 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 Spry 50 gal 15% HCL - Break down and stage acid - establish rate of 12 BPM - pump necessary pad - 2,000' sand - flush to perfs plus 10 bbl over

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Sprayed 50 gal 15% HCL - broke down and staged acid - established rate - of 12 BPM - pumped 15 dbl. pad - 1200' 12/20-800' 8/12 - flushed to perfs plus 10 bbl over

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	2600 psi
FINAL DISPLACEMENT	1200 psi
ANNULUS	psi
MAXIMUM	2400 psi
MINIMUM	1200 psi
AVERAGE	psi
ISIP	100 psi
5 MIN SIP	0 psi
15 MIN SIP	psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	12
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	
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.



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

ORIGINAL
 TICKET NUMBER 16611

LOCATION Humboldt-Central-
E to T - 1/2 S - E. side

FIELD TICKET
 4 26 19

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-8-00	1823	Garvie #8		4	26	19	AK	Bart.
CHARGE TO <u>Lorians Cleaver Oil</u>				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5102	1	PUMP CHARGE 1300 HP		1450 ⁰⁰
		HYDRAULIC HORSE POWER		
5302	1	Acid Spot		250 ⁰⁰
3107	50 gal.	15%		37.50
1231	100 #	Frac Gel		345 ⁰⁰
		STAND BY TIME		
		MILEAGE		
5501	1 1/2 hrs.	WATER TRANSPORTS		97 ⁵⁰
		VACUUM TRUCKS		
2102	125x12	FRAC SAND 12/20		132 ⁰⁰
2103	85x	8/12		92 ⁰⁰
		CEMENT		
4151		Fuel Surcharge 5x15 = 75x1 ¹⁰		7.50
		NITROGEN		
5109	15 mi	TON-MILES		150 ⁰⁰

NSCO #15097 ESTIMATED TOTAL 25101.50

CUSTOMER or AGENTS SIGNATURE _____ CIS FOREMAN Jerry L. Kuster
 CUSTOMER or AGENT (PLEASE PRINT) _____ DATE _____

169071

ORIGINAL

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

TICKET NUMBER **15727**

LOCATION Atymholt

FOREMAN Lucy Bushy

TREATMENT REPORT

Mayer 4 26 19

DATE 9-1-00	CUSTOMER ACCT # 1823	WELL NAME #8	QTR/QTR 2	SECTION etc	TWP 19	RGE 4	COUNTY AL	FORMATION
CHARGE TO <u>Loraine Cleaver</u>				OWNER				
MAILING ADDRESS <u>0700 Texas Rd.</u>				OPERATOR				
CITY <u>Colony</u>				CONTRACTOR				
STATE <u>KS</u>		ZIP CODE <u>66720</u>			DISTANCE TO LOCATION			
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA

HOLE SIZE	<u>6" 920'</u>
TOTAL DEPTH	
CASING SIZE	<u>2 7/8"</u>
CASING DEPTH	<u>901'</u>
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	
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 checked="" 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 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 Cement well.

JOB SUMMARY

DESCRIPTION OF JOB EVENTS We started pumping at 15:30. We had circulation at 15:30. Started gel at 15:33. Then ran 30 sec. of dye at 15:37. Started cement at 15:38. Had gel return at 15:44. Had dye return at 15:45, and cement return at 15:47. Rigs plug and washup at 15:48. Started displacement of casing at 15:48 (5.2 BBL to displace.) Plug hit bottom at 15:55 pressured up to 1000#

PRESSURE SUMMARY

BREAKDOWN or CIRCULATING	psi
FINAL DISPLACEMENT	psi
ANNULUS	psi
MAXIMUM	psi <u>1000</u>
MINIMUM	psi <u>250</u>
AVERAGE	psi
ISIP	psi
5 MIN SIP	psi
15 MIN SIP	psi

TREATMENT RATE

BREAKDOWN BPM
INITIAL BPM
FINAL BPM
MINIMUM BPM
MAXIMUM BPM
AVERAGE BPM
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.



CONSOLIDATED

INDUSTRIAL SERVICES

AN INFINITY COMPANY

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

ORIGINAL

TICKET NUMBER 16602

LOCATION Humboldt

FIELD TICKET

Garvey 26 19

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
9-1-00	1823	#8		26	13	4	AL	
CHARGE TO <i>Joanne Cleaver</i>			OWNER					
MAILING ADDRESS <i>0700 Texas Road</i>			OPERATOR					
CITY & STATE <i>Calony KS 666015</i>			CONTRACTOR					

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5401-10	1	PUMP CHARGE		475. ⁰⁰
5502-10	901'	Casing footage		108. ¹²
		HYDRAULIC HORSE POWER		
1118-10	3 SKS	Oil		30. ⁵⁰
1111-10	400#s 8 SKS	Salt		80. ⁰⁰
1107-10	2 SKS	Flocculant		607. ¹⁰
4402-10	1	2 3/4" Rubber plug		15. ⁰⁰
		STAND BY TIME		
		MILEAGE		
		WATER TRANSPORTS		
5502-10	N/C	VACUUM TRUCKS <i>Had Their own Trk.</i>		
		FRAC SAND		
1124-10	150 SKS	CEMENT 50/50 <i>poze</i>		1087. ⁵⁰
4151		Fuel Surcharge 16x2=32x,10		3. ²⁰
		NITROGEN	Tax	30.00 81.99
5407-10	16 miles	TON-MILES <i>min Bulk.</i>		150. ⁰⁰

NSCO #15097

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN *[Signature]*

CUSTOMER or AGENT (PLEASE PRINT)

DATE *9-1-00*

ESTIMATED TOTAL

168996

ORIGINAL

DRILLING REPORT

IMPORTANT—This report should be accurate and MAILED promptly.

IF DAY WORK, SAY SO UNDER "REMARKS"

Garvie

FARM SEC.

TWP.

RANGE

WELL NO. 8

DATE

19

TOUR HOURS WORKED	FROM	TO
Drilled from	Soil & clay	0 ft. to 7 ft.
Formation	Lime	7 ft. to 31 ft.
Formation	Shale	31 ft. to 63 ft.
Formation	Lime	63 ft. to 69 ft.
Formation	Shale	69 ft. to 125 ft.
Formation	Lime	125 ft. to 191 ft.
Formation	bl. shale	191 ft. to 197 ft.
Formation	Lime	197 ft. to 219 ft.
Set	bl. shale	219 ft. to 225 ft. inch Casing at
Underreamed from	Lime	225-244 ft.
Straight reamed from	bl. shale	244-249 ft.
Bailers of water per hr. at _____ ft.		

Carrying _____ Bailers water per hr. Bailer size _____ in. x _____ ft.

REMARKS: Set 20 ft of 6" surface pipe cement to top

TOUR HOURS WORKED	FROM	TO
Drilled from	Lime	249 ft. to 263 ft.
Formation	big shale	263 ft. to 433 ft.
Formation	Lime	433 ft. to 461 ft.
Formation	Shale	461 ft. to 531 ft.
Formation	Lime	531 ft. to 568 ft.
Formation	Shale	568 ft. to 606 ft.
Formation	20# Lime	606 ft. to 626 ft.
Formation	bl. shale	626 ft. to 631 ft.
Set	5' Lime	631 ft. to 635 ft. inch Casing at
Underreamed from	bl. shale	635-637 ft.
Straight reamed from	Shale	637-838 ft.
Bailers of water per hr. at _____ ft.		

Carrying _____ Bailers water per hr. Bailer size _____ in. x _____ ft.

REMARKS: Core 839-859

TOUR HOURS WORKED	FROM	TO
Drilled from	Sandy Shale w/ lite show	838 ft. to 842 ft.
Formation	broken oil sand w/ good show	842 ft. to 856 ft.
Formation	Good oil sand	856 ft. to 866 ft.
Formation	bl. sand w/ water	866 ft. to 882 ft.
Formation	Sandy shale	882 ft. to 920 TD ft.
Bailers of water per hr. at _____ ft.		

Carrying _____ Bailers water per hr. Bailer size _____ in. x _____ ft.

REMARKS: Ran 901 ft of 2 7/8" 8rd Upset Seating nipple @ 848

Total Depth 920

Signed _____ Driller

Signed _____ Tool Dresser

Signed _____ Driller

Signed _____ Tool Dresser

Signed _____ Driller

Signed _____ Tool Dresser

By _____ FIELD FOREMAN