

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

API No. 15-033-21005 - 0000

County Comanche
34 (N, E, S, W) 11 Twp. 38S Rge. 16 X W

Operator: License # 32154

3630 Feet from S/N (circle one) Line of Section

Name: Sagebrush Operating LLC

1650 Feet from E/W (circle one) Line of Section

Address 1888 Sherman, Suite 500

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

City/State/Zip Denver, CO 80203

Lease Name Merrill Ranch Well # 11-11

Purchaser: _____

Field Name _____

Operator Contact Person: David Pauly

Producing Formation None

Phone (316) 264-0490

Elevation: Ground 1768 KB 1777

Contractor: Name: Duke Drilling

Total Depth 6035 PBTD _____

License: 5929

Amount of Surface Pipe Set and Cemented at 302 Feet

Wellsite Geologist: Ben Landes

Multiple Stage Cementing Collar Used? Yes X No _____

Designate Type of Completion
 New Well Re-Entry Workover

If yes, show depth set _____ Feet

Oil SWD SIOW Temp. Abd.
 Gas ENHR SIGW
 Dry Other (Core, WSW, Expl., Cathodic, etc)

If Alternate II completion, cement circulated from 315'

feet depth to Surface w/ 150 sx cmt.

If Workover/Reentry: Old Well Info as follows:

Drilling Fluid Management Plan P4A, 6-22-99 UO.
(Data must be collected from the Reserve Pit)

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. _____

3-31-99 4-15-99 4-16-99
Spud Date Date Reached TD Completion Date

Quarter Sec. _____ Twp. _____ S Rng. _____ E/W

County _____ Docket No. _____

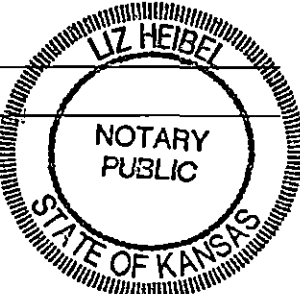
INSTRUCTIONS: An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information on side 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 [Signature]
Title Petroleum Consultant Date 05-07-99

Subscribed and sworn to before me this 7th day of May, 19 99.

Notary Public [Signature]
Date Commission Expires February 22, 2003



JUN 04 1999
6-479
CONSERVATION DIVISION
Wichita, Kansas

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 Sagebrush Operating LLC Lease Name Merrill Ranch Well # 11-11
 East County Comanche
 Sec. 36 Twp. 33 Rge. 16 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: CDN, DI, VDL, SONIC MICRO

Log Formation (Top), Depth and Datums Sample

Name	Top	Datum
LANSING	4420'	-2643
MISSISSIPI	5141'	-3364
VIOLA	5617'	-3840
SIMPSON	5779'	-4002
ARBUCKLE	5928'	-4151

DST#1 4965'- 5034'; 45-60-45-60; IFP= 33-35; FFP= 37-50;
 ISIP= 1586; FSIP= 1589; REC 1500' GIP; 75' GCM
 DST#2 5046'- 5141'; 45-60-45-90; IFP= 150-259; FFP= 296-417;
 ISIP= 1669; FSIP= 1664; REC 375' WM; 495' MW
 DST#3 5152'- 5200'; 30-45-45-60; IFP= 337-1257; FFP=1534-1900;
 ISIP= 1930; FSIP=1925; REC 910' GCM; 780' G&MCW; 2300' GCM

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	17 1/2"	13 3/8"	45.6	302	CLASS A	150	2% gel, 3% cc
Intermediate							
Production							

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

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 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

Disposition of Gas: Vented Sold Used on Lease Open Hole Perf. Dually Comp. Commingled
 (If vented, submit ACO-18.) Other (Specify) _____

RECEIVED
 JUN 04 1997
 6-4-97
 CONSERVATION DIVISION
 Wichita, Kansas

ORIGINAL

ALLIED CEMENTING CO., INC. 2565

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

At Perm

DATE <u>4-16-99</u>	SEC <u>11</u>	TWP. <u>34</u>	RANGE <u>16</u>	4-15-99 CALLED OUT <u>10:30 PM</u>	4-16-99 ON LOCATION <u>4:00 AM</u>	JOB START <u>5:15 AM</u>	JOB FINISH <u>10:30 AM</u>
Married LEASE <u>Roned</u>	WELL # <u>11-11</u>	LOCATION <u>Hordner - W. Lee Brady Strip</u>			COUNTY <u>Comanche</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)				<u>1 w. 4 w. into</u>			

CONTRACTOR Leslie #4 OWNER Same

TYPE OF JOB Rotary Plug

HOLE SIZE 7 7/8" T.D. 6035' CEMENT AMOUNT ORDERED 205 bags 60/40, 60/20, 10/40

CASING SIZE 13 3/8" DEPTH 302'

TUBING SIZE DEPTH

DRILL PIPE 4 1/2" DEPTH 5929'

TOOL DEPTH

PRES. MAX MINIMUM COMMON 123 lb @ 6.55 798.05

MEAS. LINE SHOE JOINT POZMIX 82 lb @ 3.25 266.50

CEMENT LEFT IN CSG. GEL 11 bag @ 9.50 104.50

PERFS. CHLORIDE @

DISPLACEMENT @

EQUIPMENT

PUMP TRUCK CEMENTER Tom B

181 HELPER Bob B

BULK TRUCK

242 DRIVER Paul W

BULK TRUCK

DRIVER

COMMON 123 lb @ 6.55 798.05

POZMIX 82 lb @ 3.25 266.50

GEL 11 bag @ 9.50 104.50

CHLORIDE @

@

@

@

@

@

HANDLING 203 @ 1.05 213.15

MILEAGE 224 40 @ 1.47 328.28

TOTAL 1675.30

REMARKS:

Missed - 40 bags at 5929'

50 bags at 775'

80 bags at 330'

20 bags at 40'

Plugged Rotator 4 1/2" size

3

SERVICE

DEPTH OF JOB 5929'

PUMP TRUCK CHARGE 1.272m

EXTRA FOOTAGE @

MILEAGE 110 @ 2.25 247.50

PLUG ~~1000~~ @

@

@

TOTAL 1492.00

CHARGE TO: Sandwich Petroleum LLC

STREET 1888 Sherman Suite 500

CITY Denver STATE Colo ZIP 80203

FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

To Allied Cementing Co., Inc.

You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX

TOTAL CHARGE 3127.30

DISCOUNT 637.46 IF PAID IN 30 DAYS

Net - 2341.24

SIGNATURE X

RECEIVED STATE CORPORATION COMMISSION

PRINTED NAME

JUN 04 1999
6-4-99
CONSERVATION DIVISION
Wichita, Kansas

15-033-21005-2000

Apr-27-99 01:31P Allied Cementing Co

3167936099

ORIGINAL

ALLIED CEMENTING CO., INC. 9593

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
med lodge, ks.

DATE <u>4-1-99</u>	SEC. <u>11</u>	TWP. <u>34s</u>	RANGE <u>16w2</u>	CALLED OUT <u>11:00 A.M.</u>	ON LOCATION <u>1:00 P.M.</u>	JOB START <u>11:15 P.M.</u>	JOB FINISH <u>12:30 A.M.</u>
LEASE <u>Merrill</u>		WELL # <u>11-11</u>	LOCATION <u>Hardner-west to Body Shop</u>		COUNTY <u>Comanche</u>	STATE <u>KS.</u>	
OLD OR NEW (Circle one)			<u>110-4n</u>				

CONTRACTOR Duke Delq.
 TYPE OF JOB Q2a Surface
 HOLE SIZE 17 3/4 T.D. 302'
 CASING SIZE 1 3/8 x 54.50 DEPTH 301'
 TUBING SIZE DEPTH
 DRILL PIPE 4 1/2 x hole DEPTH 302'
 TOOL DEPTH
 PRES. MAX 300 MINIMUM 200
 MEAS. LINE SHOE JOINT 46.88
 CEMENT LEFT IN CSG.
 PERFS.
 DISPLACEMENT

OWNER Sagebrush Petroleum

CEMENT
 AMOUNT ORDERED 150 SXS. Allw + 3%cc.
1/4 #10-Seal. 100 SXS. Class A + 3%cc.
2%Gel.

COMMON A	<u>100</u>	@	<u>6.35</u>	<u>635.00</u>
POZMIX		@		
GEL	<u>2</u>	@	<u>9.50</u>	<u>19.00</u>
CHLORIDE	<u>8</u>	@	<u>28.00</u>	<u>224.00</u>
Allw	<u>150</u>	@	<u>6.00</u>	<u>900.00</u>
FD-SEAL	<u>38 #</u>	@	<u>1.15</u>	<u>43.70</u>
		@		
		@		
HANDLING	<u>250</u>	@	<u>1.05</u>	<u>262.50</u>
MILEAGE	<u>250 x 40</u>		<u>.04</u>	<u>400.00</u>

TOTAL \$2484.20

EQUIPMENT

PUMP TRUCK CEMENTER Ann Dreiling
 # 233-302 HELPER Justin Hart
 BULK TRUCK
 # 240-251 DRIVER Mark Brungardt
 BULK TRUCK
 # DRIVER

REMARKS:

Pipe on Bottom - Break Circ
mix + Pump 150 SXS. Allw + 3%cc +
1/4 #10-Seal. 100 SXS. Class A + 3%cc.
2%Gel. Release Plug. Pump Displa e
Plug w/ 39 3/4 Bds. Fresh H₂O Pump Plug
Shot In Cement Circ to Surface

SERVICE

DEPTH OF JOB	<u>301'</u>			
PUMP TRUCK CHARGE				<u>470.00</u>
EXTRA FOOTAGE	<u>1'</u>	@	<u>.43</u>	<u>.43</u>
MILEAGE	<u>40</u>	@	<u>2.85</u>	<u>114.00</u>
PLUG Wood-Cup	<u>13 3/8"</u>	@	<u>70.00</u>	<u>70.00</u>
		@		
		@		

TOTAL \$654.43

CHARGE TO: Sagebrush Petroleum LLC
 STREET 1888 SHERMAN St., Jr. 500
 CITY DENVER STATE COLO. ZIP 80202

FLOAT EQUIPMENT

1-Baffle Plate	@	<u>85.00</u>	<u>85.00</u>
1-Basket	@	<u>305.00</u>	<u>305.00</u>
	@		
	@		

TOTAL \$390.00

To Allied Cementing Co., Inc.
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side

SIGNATURE Rich Wheeler

TAX _____
 TOTAL CHARGE \$3528.63
 DISCOUNT 705.72 IF PAID IN 30 DAYS
 NET # 2822.91

Rich Wheeler
 PRINTED NAME

JUN 1 1999
 6-4-99
 CONSERVATION DIVISION
 Wichita, Kansas