

ORIGINAL

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

AUG 07

CONFIDENTIAL

Operator: License # 37951

Name: THE SOUTH FORTY, INC.

Address RR #1, Box #118

Laverne, OK 73848

City/State/Zip _____

Purchaser: _____

Operator Contact Person: SHARON MILLER

Phone (405) 921-3366

Contractor: Name: ALLEN DRILLING COMPANY

License: 5418

Wellsite Geologist: _____

Designate Type of Completion

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

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

Operator: N/A

Well Name: _____

Comp. Date _____ Old Total Depth _____

- Deepening Re-perf. Conv. to Inj/SWD
- Plug Back PBSD
- Commingled Docket No. _____
- Dual Completion Docket No. _____
- Other (SWD or Inj?) Docket No. _____

6/14/92 6/27/92 7/24/92
 Spud Date Date Reached TD Completion Date

API NO. 15- 025,21,084-00-00

County Clark

-AP - C - NE/4 Sec. 15 Twp. 34S Rge. 22 X E

4145 Feet from (S) Line of Section

1315 Feet from (E) Line of Section

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

Lease Name SHURTLEFF Well # 1-15

Well Name Snake Creek West

Producing Formation MORROW

Elevation: Ground 1849' KB 1862'

Total Depth 5600' PBSD _____

Amount of Surface Pipe Set and Cemented at 734 Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set _____ Feet

If Alternate II completion, cement circulated from _____

feet depth to _____ w/ _____ sx cmt.

Drilling Fluid Management Plan ALT 1 9/25/92 JAW
(Data must be collected from the Reserve Pit)

Chloride content _____ ppm Fluid volume _____ bbls

Dewatering method used _____

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, 200 Colorado Derby Building, 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-11 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 Allen Bailey

Title PRESIDENT Date 8/5/92

Subscribed and sworn to before me this 5th day of August 19 92.

Notary Public Ran R. O'Hair

Date Commission Expires 11-8-1992

STATE CORPORATION COMMISSION

WICHITA, KANSAS OFFICE USE ONLY

Kansas of Confidentiality Attached

Wireline Log Received

Geologist Report Received

Distribution

KCC SWD/Rap NGPA

KGS Plug Other

(Specify)

Operator Name THE SOUTH FORTY, INC. Lease Name SHURTLEFF Well # 1-15

Sec. 15 Twp. 34 Rge. 22 East West County Clark

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:

DUAL INDUCTION
COMP DENSITY
COMP NEUTRON

Log Name	Formation (Top)	Depth	Datum	Sample
MORROW		3576		

CASING RECORD New 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
conductor	30	20"	54#	78'	Remx	10sack	
surface	12-1/4"	8-5/8"	23#	734'	Paysutton Class C	180 75	2%cc, 1/4#floc 2%cc, 1/8#"
production	7-7/8"	4-1/2"		5599'	Class H	110	Thixad 10%

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	5438-48	150 gal. 5% fe	5438-48

TUBING RECORD

Size 2 3/8 Set At 5478 Packer At _____ Liner Run Yes No

Date of First, Resumed Production, SWD or Inj. Aug 1, 1992 Producing Method Flowing Pumping Gas Lift Other (Explain)

Estimated Production Per 24 Hours (OIL) Bbls. 24 Gas Mcf sm amount Water Bbls. _____ Gas-Oil Ratio _____ Gravity _____

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

METHOD OF COMPLETION:

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

Production Interval _____

CEMENTING REPORT
TO ACCOMPANY COMPLETION REPORT

640 Acres

OKLAHOMA CORPORATION COMMISSION
Oil & Gas Conservation Division
300 Thorpe Bldg / Oklahoma City, Ok 73105-2493
(Rule 3-206)

ORIGINAL

AUG 07

CONFIDENTIAL

RELEASED

SEP 14 1993

All operators must include this form when submitting the Completion Report, (Form No. 1002A). The signatures on this statement must be that of qualified employees of the cementing company and operator to demonstrate compliance with Rule 3-206. It may be advisable to take a copy of this form to location when cementing work is performed.

TYPED OR IN BLACK INK

Locate Well and Outline Lease

*1. Field Name	*2. O.C.C. District
*3. Operator SOUTH FORTY	*4. County CLARK CO KS.
*5. Lease Name SHURLIFF	*6. Well Number 1-15

*7. Location	Section	Township	Range
	15	34 S	22 W

CEMENT CASING DATA:	CONDUCTOR CASING	SURFACE CASING	INTERMEDIATE CASING	PRODUCTION STRING	LINER
8. Cementing Date		6-15-92			
*9. (a) Size of Drill Bit (inches)		12 1/4			
(b) Estimated % wash or hole enlargement used in calculations.		100			
*10. Size of Casing (inches O.D.)		8 5/8			
*11. Top of Liner (if liner used) (ft.)					
*12. Setting Depth of Casing (ft.) from ground level		730			
13. Type of Cement (API Class)					
(a) in first (lead) or only Slurry.		ROMARKS			
(b) In second Slurry		ROMARKS			
(c) In third Slurry					
14. Sacks of cement used:					
(a) In first (lead) or only Slurry		180			
(b) In second Slurry		75			
(c) In third Slurry					
15. Vol of Slurry pumped: (Cu ft)(14.X 15.)					
(a) In first (lead) or only Slurry		377.6 ft³			
(b) In second Slurry		100.5 ft³			
(c) In third Slurry					
16. Calculated Annular Height of Cement behind Pipe (ft)		730			
17. Cement left in pipe (ft)		34			

*18. Amount of Surface Casing Required (from Form 1000)	AUG 10 1992
*19. Was cement circulated to Ground Surface? Yes <input type="checkbox"/> No <input type="checkbox"/>	*20. Was Cement Staging Tool (DV Tool) Used? Yes <input type="checkbox"/> No <input type="checkbox"/>
*21. Was Cement Bond Log run? (If so, ATTACH COPY).	*22. If answer to #20 is yes, at what depth? _____ ft.

(CEMENTING COMPANY AND OPERATOR MUST COMPLY WITH THE INSTRUCTIONS ON REVERSE SIDE HEREOF.)

-OVER-

*Designates items to be completed by Operator. Items not so designated shall be completed by the Cementing Co.

26. Remarks:
 ① PASSETER LITE II 85:15, 86:CEL
 22 CASH + 4# PPK CELL-SEAL
 ② CLASS C 22 CASH + 1/8"
 PPK CELL-SEAL

*27. Remarks:

CEMENTING COMPANY

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that the cementing of casing in this well as shown in the report was performed by me or under my supervision, and that the cementing data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers cementing data only.

Greg D. Burchett
 Signature of Cementer or Authorized Representative

Greg D. Burchett Cementer
 Name of person and Title (Type or Print)

W.C.J.A.
 Cementing Company

P.O. Box 1305
 Street Address or P. O. Box

WOODWARD OK 73801
 City State Zip

Telephone 405 256-3335
 Area Code

6-15-92
 Date

*OPERATOR

I declare under applicable Corporation Commission rule, that I am authorized to make this certification, that I have knowledge of the well data and information presented in this report, and that data and facts presented on both sides of this form are true, correct and complete to the best of my knowledge. This certification covers all well data and information presented herein.

 *Signature of Operator or Authorized Repres.

 *Name of Person and Title (Type or Print)

 *Operator

 *Street Address or P. O. Box

 *City State Zip

Telephone _____
 Area Code

 Date

INSTRUCTIONS

1. a) This form shall be filed by the operator, at the O.C.C. office in Oklahoma City, as an attachment to the Completion Report for a producing well or a dry hole.
 b) An original and one copy of this form shall be filed as an attachment to the Completion Report, (form 1002-A) for each cementing company used on a well.
 c) The cementing of different casing strings on a well by one cementing company may be consolidated on one form (to be filed in duplicate).
2. Cementing Company and Operator shall comply with the applicable portions of O.C.C. Rule 3-206.
3. Set surface casing 50 feet below depth of treatable water to be protected and cement from casing shoe to ground surface or as allowed by Rule 3-206.
4. IF SETTING ANYTHING OTHER THAN THE FULL AMOUNT OF SURFACE CASING, BE SURE TO FOLLOW THE CORPORATION COMMISSION REGULATIONS.
5. TYPED OR IN BLACK INK



THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

RELEASED

AUG 07

CUSTOMER South Forty, Inc. CONFIDENTIAL			DATE 6-15-92	F.R.# 1238609	SER. SUP. Greg Burchett	SEP 1 / TYPE JOB Surface								
LEASE & WELL NAME-OCSG Shurtliff #1-15			LOCATION Sec. 15-34S-22#W		COUNTY-PARISH-BLOCK Parker CONFIDENTIAL									
DISTRICT Woodward		DRILLING CONTRACTOR RIG # Allen Drilling			OPERATOR									
MATERIAL FURNISHED BY WPS	TYPE OF PLUGS TOP Rubber		LIST-CSG-HARDWARE		SQ MANI FOLD XXX N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES							
	SLURRY WGT PPG	SLURRY YLD FT	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER								
180 SKS	Pacesetter Lite II + 8% Gel + 2% CaCl ₂ + 1/8#/SK Cello-Seal					Surf.	12.3	2.22	12.5		71.2	53.8		
75 SKS	Class C + 2% CaCl ₂ + 1/8#/SK Cello-Seal					600	14.8	1.34	6.32		11.9	11.2		
Available Mix Water 100 Bbl.			Available Displ. Fluid 150 Bbl.				TOTAL			89.1	65.0			
HOLE			TBG-CSG-D.P.			COLLAR DEPTHS								
SIZE	% EXCESS	DEPTH	SIZE	WGT.	DEPTH	SIZE	WGT.	DEPTH	SHOE	FLOAT	STAGE			
7-7/8	100	740	8-5/8	2300	734				734	700				
LAST CASING			PKR-CMT RET-BR PL-LINER			PERF. DEPTH		TOP CONN		WELL FLUID				
SIZE	WGT	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.		
									8-5/8	8°	Native	8.7		
CAL. DISPL. VOL.-Bbl.			CAL. PSI	CAL. MAX PS	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER		
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SO. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	SOURCE	
	44.6		44.6	300							1500	Water	8.33	Rig
EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING.														
PRESSURE/RATE DETAIL						EXPLANATION								
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>								
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES 2500 PSI								
						CIRCULATING WELL-RIG <input checked="" type="checkbox"/> WPS <input type="checkbox"/>								
10:01	200		4.0	-	Water	Start Water Ahead								
10:03	200		4.0	5.0	Cement	Start Lead Cement @ 12.3#/gal.								
10:20	100		3.5	76.2	Cement	Start Tail Cement @ 14.8#/gal.								
10:24	0		0.0	94.1	Cement	All Cement - Shut Down								
10:25	150		2.5	-	Water	Drop Plug - Displace								
10:39	250		0.0	44.6	Water	Shut Down - Shut In								
						RECEIVED CONSERVATION COMMISSION								
						AUG 10 1992								
						CONSERVATION DIVISION Wichita, Kansas								
BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. Greg Burchett							
Y N	300	Y N	138.7	30.0	250	Surf.	CUSTOMER REP. Allen Barby							



AUG 3 1992

THE WESTERN COMPANY
CEMENT JOB DETAIL SHEET

RELEASED

CUSTOMER South Forty, Inc.	DATE 6-27-92	F.R.# 240747	SER. SUP. B.G. Rabe	TYPE JOB Long String
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LEASE & WELL NAME-OCSSG Shurtliff #1-15	LOCATION Sec. 15-34S-22E	COUNTY-PARISH-BLOCK Clark, Ks
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DISTRICT Woodward	DRILLING CONTRACTOR RIG.# Allen Drilling Co.	OPERATOR FROM: CONFIDENTIAL
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MATERIAL FURNISHED BY WPS	TYPE OF PLUGS		LIST-CSG-HARDWARE	SQ MANI FOLD Y N	TOP OF EACH FLUID	PHYSICAL SLURRY PROPERTIES						
	TOP	Rubber				SLURRY WGT PPG	SLURRY YLD FT ³	WATER GPS	PUMP TIME HR:MIN	Bbl SLURRY	Bbl MIX WATER	
10 bbls	WMW-1		1-Stop Ring, 4-Centralizers, 1-Float Shoe w/AFU, 1-Thread Lock									
110 SKS	Class "H" + 10% Thixad					14.8	1.53	7.22	3:00	30	19	

Available Mix Water 300 Bbl.	Available Displ. Fluid 300 Bbl.	TOTAL
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HOLE			TBG-CSG-D.P.			TBG-CSG-D.P.			COLLAR DEPTHS				
SIZE	% EXCESS	DEPTH	SIZE	WGT.	TYPE	DEPTH	SIZE	WGT.	TYPE	DEPTH	SHOE	FLOAT	STAGE
7-7/8		5600	4 1/2	10.5	K-55	5600					5600	5600	

LAST CASING				PKR-CMT RET-BR PL-LINER		PERF. DEPTH		TOP CONN		WELL FLUID		
SIZE	WGT.	TYPE	DEPTH	BRAND & TYPE		DEPTH	TOP	BTM	SIZE	THREAD	TYPE	WGT.
									4 1/2	8°	Mud	9.5

CAL. DISPL. VOL. Bbl.				CAL. PSI	CAL. MAX PSI	OP. MAX	MAX TBG PSI		MAX CSG PSI		DISPL. FLUID		WATER SOURCE
TBG.	CSG.	CSG.	TOTAL	BUMP PLUG	TO REV	SO. PSI	RATED	OP.	RATED	OP.	TYPE	WGT.	
	89		89	350					3190	2000	Water	8.3	Rig

EXPLANATION: TROUBLE SETTING TOOL, RUNNING CSG, ETC. PRIOR TO CEMENTING.

PRESSURE/RATE DETAIL						EXPLANATION	
TIME	PRESSURE-PSI		RATE	Bbl. FLUID	FLUID	SAFETY MEETING: WPS CREW <input checked="" type="checkbox"/> CO. REP <input checked="" type="checkbox"/>	
HR: MIN.	PIPE	ANNULUS	BPM	PUMPED	TYPE	TEST LINES	2000 PSI
						CIRCULATING WELL-RIG <input checked="" type="checkbox"/> WPS <input type="checkbox"/>	
18:59	400		5.5	0	Water	Hook Pump to Casing - Start Water Ahead	
19:02	400		5.5	10	WMW-1	Start WMW-1	
19:06	400		5.5	10	Cement	Start Cement	
19:14	100		5.5	30	Cement	Finish Cement - Wash Pump & Lines	
19:19	200		5.5	0	Water	Drop Plug - Start Displacement	
19:34	600		2.5	80	Water	Slow Pump	
19:37	1300		2.5	89	Water	Bump Plug - Finish Displacement	
						Check Float Equipment (Held OK)	
						Rig Down - Wash-Up Pump	

RECEIVED
CORPORATION COMMISSION

AUG 10 1992

OPERATION DIVISION
Wichita, Kansas

BUMPED PLUG	PSI TO BUMP PLUG	TEST FLOAT EQUIP.	TOTAL Bbl. PUMPED	Bbl. CMT RETURNS/ REVERSED	PSI LEFT ON CSG	SPOT TOP CEMENT	SER. SUP. B. G. Rabe
Y XMX	1300	Y XMX					CUSTOMER REP. Alan Barby