STATE OF KANSAS SATE CORPORATION COMMISSION 200 Colorado Derby Building	K.A.R82-3-117	API NUMBER Docket #D-2879 LEASE NAME Lucy Walters	
Wichita, Kansas 67202	TYPE OR PRINT OTICE: Fill out completely	WELL NUMBER #2	
	office within 30 days-	990 Ft. from S Section Line 4950 Ft. from E Section Line	
LEASE OPERATOR FINA OIL & CHI 1601 N.W. Expressway, ADDRESSOklahoma City, OK 731		SEC. 20 TWP.21 RGE. 12 XXXX (W)	
PHONE (405 840-0671 OPERATOR		Date Well Completed 10-1-48	
Character of Well SWD		Plugging Commenced 4-13-88	
(Oll, Gas, D&A, SWD, Input, Water	Supply Well)	Plugging Completed7-28-88	
Did you notify the KCC District C	Office prior to plugging thi	s well? Yes	
Which KCC Office did you notify?	District 6		
Is ACO-1 filed? Yes If no	ot, is well log attached?	*	
Producing Formation None	Depth to Top 3652	Bottom 3700 T.D. 4100	
Show depth and thickness of all w	. : :	DECENED	
OIL, GAS OR WATER RECORDS	CAS	NIG RECORD 5 1986	
Formation Content	From To Size F	Put in Pulled out	
NA	11	3750! -0-MISERVATION DIVISION -0-MISERVATION -0-MISERVATION DIVISION -0-MISERVATION DIVISION -0-MISERVATION -0-MISERVATION DIVISION -0-MISERVATION -0-MIS	
	3-1/2	3730. — O— Wientla, warm	
placed and the method or methods were used, state the character	used in introducing it into of same and depth placed	indicating where the mud fluid was to the hole. If cement or other plugd, from feet to feet each sets., followed by 150 sx of	
Econolite. Allowed to set	for 30 min. Pumped 15	00 sx Econolite down 5-1/2"	
50 sx of salt gel & 65 bbl; (If additional descrip	s. mud followed by 370 tion is necessary, use BACK	sx of 65/35 poz + 5% CC & of this form.) -Continued-	
	lied Cementers	License No.	
Address Russell, KS			
STATE OF Oklahoma	COUNTY OF Oklahoma	,55.	
statements, and matters herein co	it duly sworn on oath, says: ontained and the log of the	oyee of Operator) or (Operator) of That I have knowledge of the facts above described well as filed that	
the same are true and correct, so	o hełp me God∙ (Signature)_	Ja Souri	
		1601 N.W. Expoessway, #900 Oklahoma City, OK 73118	
SUBSCRIBED AND S	SWORN TO before me this 19t	th day of August 1988	

7/6/92

My Commission Expires:

No tary

Total corporation commission conservation of DVISION - PLUGGING SECTION 200 colorando della vision - PLUGGING REPORT Coparator: Fina Oil & Chemical Company Russell, KS 67665 Conductor Pipe: Size Surface Cesing: Size S 5/8 feet 200 Abandoned Oil Well Gas Well Input Well SWD Well X DAA Other well as horeinafter indicated Plugging Contractor Pina Oil & Chemical Company License Number 5692 Address Box 209 Russell, KS 67665 Company to plug ati Hour: 9 a.m. Day: 28 Month: 1 Year: 19 86 Plugging proposal received from Don Tiffin (company name) Fina Oil & Chemical Company (phone) 913-483- were: 5½" at 3750' 3½" liner from 3740-3995' Cut window at 3684-94'. Deepened hol 4100' in 1960, Ran 3½" fiberglass tubing to 3575' in 1968. 1st plug run 1½" tubing inside of 3" fiberglass tubing to TD and plug with cement if Plugging Operations attended by Agent?: All X Pert None Plugging Operations comploted: Hour: 11 8, m. Day: 15 Month: 4 Year: 19 88 Plugging Operations comploted: Hour: 11 8, m. Day: 15 Month: 4 Year: 19 88 The enclosed attachment explains what work was done and materials used in plugging well. Total cement - 1915 ex various blends from common to ATL, mixed and pumped 3 diverter, diesel, benconite, hulls, cello flake, wheat and salt mid Received by No casing recovery. MAY O 2 1988 Reagrabs: Lif additional description is necessary, use 8ACK of Hargerian publicant Width, Kassas No Casing recovery.	k.		4-15-88	15.185.12465.000	
STATE CORPORATION COMMISSION CONSERVATION DIVISION - PLUGGING SECTION 200 COLORAGO DERBY BUILDING NICHITA, KANSAS 5722 TECHNICIAN'S PLUGGING REPORT Operator: Fina Oil & Chemical Company Name Address Box 209 Russell, KS 67665 Russell, KS 67665 Conductor Pipe: Size Surface Casing: Size 8 5/8 feet 200 Abandoned Oil Well Gas Well Input Well SWD Well Total Depth 4100 Chemical Company Address Box 209 Abandoned Oil Well Gas Well Input Well SWD Well X DAA Other well as hereinafter indicated Plugging Contractor Pina Oil & Chemical Company Address Box 209, Russell, KS 67665 Company to plug at: Hour: 9 a.m. Day: 28 Month: 1 Year: 19 Nere: 58' at 3750' 3½" liner from 3740-3995' Cut window at 3684-94'. Deepened hold 4100' in 1960. Ran 3½" fiberglass cubing to 3575' in 1968. Ist plug run 1½" tubing inside of 3" fiberglass tubing to TD and plug with cement in Plugging Operations ettended by Agent1: All ACTUAL PLUGGING REPORT Unable to get 1½" tubing past 1140' inside the fiberglass. The enclosed attachment exchlains what work was done and materials used in plugging well. Total cement - 1915 sx various blends from common to ATL, mixed and pumped 3 diverter, diesel, hentonice, hulls, cello flake, wheat and salt mid RESEMBNING Width, Kassas NYOUNG ARROWS ASSETT AND ARROWS A	To:	1120092	•		
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N VI O 1 PARTY observe this plugging. Signed Wind Runbin FORM C	Remarks:_				
E 5-6-88 FORM C		(If additional description is	necessary, use BACK	Cof 什种等的中心 Pivision Wichita, Kansas	
E 5-6-88 FORM C	N WAT	ANTITIES Observe this plugging.	\wedge	O / \cdot	
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NOTES ON LUCY WALTERS

Work done as of 4/15/88.

- 1/28/88 Ran 1½" tubing to 1140', tried to work through for 2½ hours, laid down one joint and set at 1130'.

 Injected 30 barrels water through 1½" tubing, 3 barrels per minute.

 200 psi.Well on vacuum as soon as pumping stopped. One barrel in 30 seconds. Pumped 15 sx of gel and 50 sx cement (50/50 Poz).

 Shut down ½ hour. Pumped 50 sx cement (50/50 Poz). Shut down 3/4 hr.

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- 2/1/88 Richard Lacey on location. Pumped 14 bbl. water, vacuum, 1 bbl. in 30 seconds. Pumped 75 sx ACS (hot) cement, shut in 1½ hours. Pumped 3 bbl. water-still on vacuum. Pumped 75 sx ACS cement, shut down overnight.
- 2/2/88 Pumped 5 bbl. water, still on vacuum, 1 bbl. in 30 sec. Pumped 75 sx ASC cement, shut down 1½ hrs. Pumped 3 bbl. water, vacuum the same. Pumped 75 sx ASC cement, shut down overnight.
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- 2/8/88 Pumped 3 bbl. water, same vacuum, 30 sec. per barrel. Pumped 8 bbl. diesel, liquid diverter, mixed with 9 bbl. diesel, followed by 2 bbl. diesel, followed by 25 sx common cement 3% cc added. Shut down 3 hr., same vacuum.
- Pumped 3 bbl. water, same vacuum, 30 sec. per barrel. Pumped 2 bbl. diesel, 110 gallons of liquid diverter, followed by 2 bbl. diesel, followed by 50 sx ACS cement-set one hour and released valve at top of 1½" tubing, waited 2 more hrs. and pumped in 3 bbl. water, well still on same vacuum, let well take approx. 30 bbl., on vacuum.

 Started to pull 1½" tubing out of the hole, first 3 joints were fairly tight. Pulled 9-10,000 lbs. on tubing, weight of tubing was 4100 lbs. Tubing freed up, laid down 17 joints and the well started flowing through the 1½" tubing, the tubing head and the braden head with bottom of tubing at 579'.

 STATE CORPORATION COMMMISSION

MAY 0.2 1988

The well blew very hard for $\frac{1}{2}$ hr., estimated blow was 500,000. The blow consisted of saltwater, sand and diesel fuel. After the well stopped blowing, the rest of the tubing was laid down.

Ran a temperature survey and collar locator in the wellbore got to 904. The temperature survey showed the fluid level of the well to be at 310. The collar locator indicator was very eradic, from approx. 300-385' and 420-760' and 790-904'. Good casing from 0-300', 385-420' & 760-790'.

- 2/10/88 Reviewed log with Bob Hale, engineer with Welex. Mr. Hale stated that the collar locator on the log showed holes in the $5\frac{1}{2}$ " casing.
- 3/1/88 Cellar had been dug deeper, cut approx. 4' off of 8 5/8" & 5½" and orange peeled together and welded 2" collar in the 8 5/8". Cut small amount off of the 3" fiberglass tubing and molded on a new collar.

 Ran flag inside of 3" fiberglass tubing; it stopped at 290', worked it loose and ran it to 900'and pulled flag and weight out of hole. Pumped 80 bbl. salt mud and 500 lbs. hulls through fiberglass tubing and circulated on back side. Pumped another 65 bbl. salt mud followed by 50 sx common cement with 3% cc.
- 3/2/88 Ran measuring line in fiberglass tubing (Allied). Bad place at 290', worked through bad place and ran line to 890', mushy on bottom approx.10' above where the line got on 3/1/88.
- 3/15/88 Ran 1½" tubing to 300' from ground surface, worked the tubing for 2½ hours and pulled tubing out of the hole, threads on the bottom joint appeared to have been rubbing on metal.
- 3/23/88 Pumped 320 bbls. of drilling mud down the annulus between 8 5/8" surface and $5\frac{1}{2}$ " casing, followed by 150 sacks of lite cement. Changed over to the $5\frac{1}{2}$ " casing and pumped in 150 sx lite cement down the $5\frac{1}{2}$ " casing.
- 3/24/88 Pumped 235 bbls. of drillmud, saltwater, 50 sx salt gel and hulls mixed in and filled the hole. Pumped an additional 65 bbls. of mud down the hole to keep up with the loss of fluid until we had enough fresh water on location ready to mix cement. Mixed and pumped 370 sx of 65/35 Pozmix with 6% gel and 470 cc added. We switched from the $5\frac{1}{2}$ " casing to the annulus several times, putting an additional 30 sacks cement down the $5\frac{1}{2}$ " casing.
- 3/28/88 Ran measuring line inside 5½" casing and fiberglass tubing.
 Ran line to 275', estimated that to be the top of cement.
 Pressured 5½" casing to 90 lbs., pumped approx. 4 bbl. water.
 The 5½" casing held the 90 lbs. for 15 min. Pumped approx.
 15 bbl. water in annulus at 30 lbs., couldn't pressure up.
 However, when we removed the connections from the annulus, there was a small amount of pressure. We checked the valve on the annulus several times over a period of 20-25 minutes and some pressure was still present.

- 4/7/88 Great Guns ran line to 275' and perforated $5\frac{1}{2}$ " casing and fiberglass tubing at 273' 2 shots.
- 4/12/88 Pumped through the annulus with 100 sx cement, shut in for 20 minutes and pumped 100 sx cement with hulls mixed in and shut in 30 minutes. Pumped in an additional 50 sx cement with hulls mixed in. The valve on the 5½" was open during the pumping of the first 220 sx of cement. The cement circulated at that point, closed the valve and pumped the remaining 30 sx of cement at 150 psi. There was not any shut in pressure on the pump gauge, however after both valves were cleared with water and opened after ten minutes, a small amount of pressure was present. In 20 minutes, the 5½" and fiberglass tubing was on vacuum and annulus still had pressure.
- 4/15/88 Ran measuring line to 110' on $5\frac{1}{2}$ " and fiberglass tubing. Filled with $5\frac{1}{2}$ sx cement; ran line in annulus to 15' and filled with $1\frac{1}{2}$ sx cement.

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SYNTE CONTRACTOR STATE COMMENTS

FAPR - 7 1959

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BECEIVED

TAPR - 7 1900

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Date July 5, 1984 31/2" Lings, not comen hard



Tenneco Oil **Exploration and Production**

hole

TO 410

Lease & Well No. Walters #2 SWD Location NW SW SW 20-215-12W Field Muc//cr County & State Stafford Kausas 186.51 Comp. 10-418 SWD Well History/Treatments 10-48 A/5000 gal 1 85/8 @ 300 F. w/200 sx. 1951? Side tracked + deepened C/O to 4100' Boiled Fas 4/2000 gal Diesel in 6-60 436 15% Tiberater the Diesel in annulus parte where the bybbon wing Prior to WTO - + to leaks A/ 1000 gel 2-65 A) 1000 gel 1100 3-65 Clo to TO, Bail hole cloom, Hutchinson Sall Allow gel. Diesel in annulus 1 11-67 Clo to TD - bed ty + Fes Ran esq scraper several times, lots 3-68 of Fes buildup on esq. Bail clean Run 314 Floring less the open ended to 3575' (120 jt) Picsel 11 annulus hollow of they 3575 1-72 A/500 gal 157. Fe 1-74 1/500 get 28% Fe dan whon A/2000 gel - wtr Sp = w/50 sx 3652-60 Sp = -/50 sx 3656-60 A/1000 get 15% Ne 8-78 £3652-60 1/500 gd 151. Fe 11-83 Window 3684-94 3683-87 580 W/ 505X 3691-3700 Sg = 41/50 sx PBTO 5/12 1401512# @ 37501 w/ 2005 43/4" Prepared by TRR Arbuckle

This is A wellbore dingram of the Lucy Walters SWD. The injection that is 3½" glocad ass which was purchase in 1968 @ specially made couplings (4.5500) to Run in the Lucy Walters SWD (5½" casing) open ended. Assuming 14th casing the clearance is .1685".

TENNER Attempted on 7/86 to pass an MIT, This was done by displacing the annular salt water with ansoline in an attempt to show positive pressure on the annulars and therefore casing integrity. Then were insured the fluid were insured the fluid level to be 300' from surface. Assuming there was not a hole in the two orces this mould indicate the standing fluid level for Arbuckle water to be appear. Too' from surface. The well has a history of severe isone sulfide build up and it is therefore highly probable that from sulfide buildup exists in the annulus from Too' down. The well file indicates the only fest reatments were periodic probable that for indicates the only fest reatments were periodic probable thought for fish a piece at a time, the cost to re pair this well could range from \$1.0000 \$135,000 depending on the existance and extent of a casing leak.

If an extended fishing job for the fiberglass tog is involved

these costs could easily double.

700 \sharp hulls down 8-5/8" csg. Pumped 30 sx of same cement down 5-1/2" csg. Ran a measuring line & found a soft bottom at 287'. Ran a wireline in 5-1/2" csg. Found TOC at 275'. Pressured on 5-1/2" to 100 psi. Held for 15 min. Pumped in 8-5/8" at 1-1/2 BPM and 50 psi. Pumped down 8-5/8" csg. w/250 sx of 50/50 poz + 3% CC + 450# hulls. Circ. out 5-1/2 w/220 sx pumped, closed 5-1/2" csg. in. Pumped in remainder of cement. Max pressure 150 psi. 5-1/2 on vacuum after 20 min.

RECEIVED STATE CORPORATION COMMISSION

AUG 23 1988

CONSERVATION DIVISION Wichita, Kansas