Submit 3 Copies To Appropriate District Office	State of I				Form C-103 March 4, 2004	
District I 1625 N. French Dr., Hobbs, NM 88240	French Dr., Hobbs, NM 88240			WELL API NO.		
District II 1301 W. Grand Ave., Artesia, NM 88210	OIL CONSERVATION DIVISION			30-025-34509 5. Indicate Type	of Lease	
District III 1000 Rio Brazos Rd., Aztec, NM 87410	1220 South			STATE	☐ FEE ⊠	
<u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	Santa Fe	, INIVI 87	303	6. State Oil & G	as Lease No.	
		EN OR PLU		7. Lease Name of Brunson Argo (2	r Unit Agreement Name 6773)	
PROPOSALS.)  1. Type of Well:	· ·	ŕ		8. Well Number		
Oil Well 🛛 Gas Well	Other			27		
2. Name of Operator				9. OGRID Numi	per	
Pure Resources, L. P.  3. Address of Operator		<del> </del>	<del></del>	150628 10. Pool name o	r Wildcat	
500 W. Illinois Midland, Texas 7	9701			Drinkard (19190)	1	
4. Well Location						
		ı_line an		et from the East	···	
Section 10	Township 2		Range 37E	NMPM	County Lea	
	3,423'; GR	einer DK,	KKB, KI, GK, etc.)			
	Appropriate Box to In-	dicate N				
NOTICE OF II PERFORM REMEDIAL WORK	NTENTION TO:   PLUG AND ABANDON		SUB: REMEDIAL WOR	SEQUENT RE ĸ □	PORT OF:  ALTERING CASING □	
TEMPORARILY ABANDON	CHANGE PLANS		COMMENCE DRI	LLING OPNS.	PLUG AND  ABANDONMENT	
PULL OR ALTER CASING	MULTIPLE COMPLETION		CASING TEST AN	ND 🗆	ADAM STATE	
OTHER:			OTHER: Work S	Summary/Well Histo	ory-Prep to DHC	
		or Multip	le Completions: At	tach wellbore diag	ram of proposed completion	
	a Work Summary and de C-101 approved 3/2/04) ii				k activity to plug-back and	
	MIRU on tbg. & hot oiled pkr @6774', loaded & te				g testing on way out. RIH	
Wantz; Abo f/6893'-724	6' w/5000g 15% acid. PO	H w/worl	string & pkr. RII	H w/WL & set RE	P @6880'. RIH w/4" guns	
	64'-6860'. On 4/01/04, act					
	182'-6594'. RH w/RBP & ers. Then on 4/14/04, frac'				rinkard w/2500g 15% 2 carrying 100,000# 20/40	
Ottawa sand. From 4/16	5-17/04, cleaned out sand t	toRBP@	6650'. On 4/21/04,	, RIH w/2-3/8" pr	od string, pump & rods to	
test produce Drinkard zo (ALSO SEE ATTACHED WE	one. Periodic troubles w/p	ump and	rods sticking, som	e erratic prod tes	ting initially.	
	,					
I hereby certify that the information	n above is true and complet	e to the he	est of my knowledge	e and belief		
signature <u>Clark</u>			Regulatory Agent	o una boner.	DATE 05/28/04	
Type or print name Alan W. Bohl		E-mail a	ddress:	Tele	phone No. (432) 498-8662	
(This space for State use)		AL SIGN				
APPPROVED BY Conditions of approval, if any:	PAU PETROL	╁┰╂╻╁ᠺᠺ	JTZ		DAT <b>JUL 1 3 2004</b>	
, ,	- Imilian		2A	Wantz	Abo	

# Pure Resources, Inc. **Well History**

## BRUNSON ARGO #27 From 1/1/1920 through 6/24/2004

Activity Date 3/29/2004 Description SDON. Type of Report:

Remarks

**SERV JOB** 

**INITIAL REPORT** 

**Times** 

Hours

MIRU, POOH W/RODS & PUMP, HAD SEVERE PARAFFIN ON RODS, R&R

PUMP, SDON, TOTAL MAN HRS 23.

**Daily Cost** \$2.083

Cum Cost AFE Amount AFE#

Activity Date 3/30/2004

\$2.083

Type of Report:

**SERV JOB** 

**INITIAL REPORT** 

Description SDON

Times

Hours

Remarks

DROVE CREW TO LOCATION, HELD SAFETY MEETING, HOT OILT TRUCK. MIRU ON TBG. HOT OILED TBG W/40 BBLS LEASE OIL & 10 GAL PARAFFIN SOLVENT. ND WELL HEAD, NU BOP. RELEASE TAC. RIH W/2 JTS 2 3/8" TBG AND 1-6' SUB TO 7388.3' BY TALLY. DID NOT TAG FILL. POOH LAYING DN 2 JTS & THE SUB. TUBOSCOPE MIRU, POOH SCANNING 225 JTS 2 3/8" J-55 TBG GRADED 223 - Y, 1-G, 1-R, RIH W/ 5 1/2" 10K HD PKR ON 209 JTS 2 7/8" L80 WORK STRING. SET PKR @ 6774'. KILL TRUCK MIRU ON CSG. LOAD CSG TO 1000 PSI W/90 BBLS FW. PRESSURE HELD. BLEED PRESSURE OFF CSG.

SDON. TOTAL MAN HRS 74.6

**Daily Cost** \$6,183

**Cum Cost** \$8,266

**AFE Amount** 

AFE#

Activity Date 3/31/2004 Description SDON. Type of Report:

**SERV JOB** 

**PROGRESS REPORT** 

Times

Hours

Remarks

DROVE CREW TO LOCATION. HELD SAFETY MEETING. PETROPLWEX MIRU ON CSG & LOAD TO 500 PSI, RU ON TBG, TEST LINES TO 8000 PSI, LOADED HOLE W/42 BBLS FW PUMPED 5000 GAL 15% ACID IN 8 STAGES. DROPPED 10 BALL SEALERS AFTER 5 BBLS ACID PUMPED THEN 10 BALLS EVERY 15 BBLS. MAX PSI 5380 PSI (BALLED OUT WHEN LAST SET HIT) AVG PSI = 4980 PSI, AVG RATE = 5.5 BPM MAX RATE = 8 BPM. HAD GOOD BLOCKING BUT NO BIG BREAKS. ISDP = 3600 PSI, 5 MIN = 2415 PSI, 10 MIN = 1600 PSI, 15 MIN 1009 PSI. PETROPLEX RDMO. LET PRESSURE FALL TO ZERO. RELEASE PKR, POOH W/WORK STRING & PKR. COMPUTALOG MIRU. HELD SAFETY MEETING. RIH W/WL SET RBP CORRELLATING TO BAR=TLAS Z DENSILOG CNL. SET PLUG @ 6880'. POOH W/WIRELINE & SETTING TOOL LOBO MIRU ON CSG. SI BLIND RAMS, PRESSURE UP TO 3000 PS W/57 BBLS FW. PRESSURE HELD SOLID. LOBO RDMO COMPUTALOG RIH W/4" SELECT FIRE GUNS TO PERFORATE UPPER ABO @ (6664, 76, 91) (6703, 25, 34, 48, 66, 88) (6807, 16, 22, 28, 38, 51, 60) W/2 SPF. RIH W/5 1/2" 10K HD TREATING PKR ON 202 JTS 2 7/8" L80 WORKSTRING. LEFT PKR SWINGING @ 6549'. SDON

**Daily Cost** \$19,423 Cum Cost \$27,689

**AFE Amount** 

AFE#

Activity Date 4/1/2004 Description SDON.

Type of Report:

**SERV JOB** 

PROGRESS REPORT

Times

Hours

Remarks

DROVE CREW TI LOCATION. HELD SAFETY MEETING. WELL WAS ON A VACUM. RIH W/8 JTS TBG TO 6860.48'. PETROPLEX MIRU ON TBG. PUMPED 51 BBLS FW COULD NOT CIRCULATE WELL. POOH W/9 JTS TO SET UP PKR @ 6566.5' LOAD BACK SIDE TO 1000 PSI. PIPE RAMS LEAKED, BLEED PRESSURE. TIGHTENED UP ON RAMS. PRESSURE UP TO 1000 PSI. PRESSURE HELD. RU ON TBG. STARTED PUMPING 5000 GAL 15% HCL. WHEN TBG PRESSURE HIT 4000 PSI THE PKR COMMUNICATED. WE HAD 31 BBLS ACID GONE. SD JOB. EASED IN W/7 BBLS FW TO CLEAR ACID. BLEED CSG & TBG PRESSURE TO SWAB TK. RELEASE PKR. CIRCULATE LIVE ACID TO SWAB TK W/150 BBLS FW. POOH W/WORK STRING & PKR. PKR RUBBER LOOKED GOOD. RIH WIANOTHER PKR TO 6860'. BROKE CIRCULATION. SPOT 4.5 BBLS ACROSS PERFS. POOH W/10 JTS TBG. PU A 10'x2 7/8" L80 SUB TO SET PKR @ 6543.93'. LOAD BACK SIDE TO 1350 PSI. PUMPED 5000 GAL 15% HCL IN 12 STAGES DROPPING 48 BALL SEALERS. BALLED OUT ON LAST SET. MAX PRESS = 7000, AVG PRESSURE = 4587, MAX RATE = 8 BPM, AVG RATE = 6.5 BPM ISDP = 3500, AFTER 5 MIN = 3120, 10 MIN = 2996, 15 MIN = 2860 PETROPLEX RDMO. POURED NEW ROPE SOCKET ON SAND LINE. SDON.

TOTAL MAN HRS 138.

**Daily Cost** 

Cum Cost **AFE Amount** 

\$42,497

\$14,808

AFE#

Activity Date 4/5/2004 Description SDON. Type of Report:

**SERV JOB** 

PROGRESS REPORT

**Times** 

Hours

Remarks

DROVE CREW TO LOCATION. HELD SAFETY MEETING. HAD 150 PSI ON TBG. BLEED PRESSURE. RESUME SWAB TEST. SFL @ 5500', MADE 14 RUNS RECOVERED 37 BBLS (200 TOTAL) FLUID. FFL @ 6000'. SDON. TOTAL MAN HRS 48

**Daily Cost** 

Cum Cost AFE Amount

AFE#

Activity Date 4/8/2004

\$2.034 \$44.531

Type of Report:

**SERV JOB** 

PROGRESS REPORT

Description SDOW. Times

Hours

Remarks

DROVE CREW TO LOCATION. HELD SAFETY MEETING. APOLLO PERFORATORS MIRU. RIH W/4" SELECT FIRE FUN AND CL CORRLEATE TO B ATLAS Z DENSILOG. PERFORATE DRINKARD 2 SPF @ 6182, 6226, 54, 6300, 16, 36, 50, 6410, 16, 22, 32, 39, 48, 56, 66, 74, 89, 96, 6504, 10, 17, 24, 32, 44, 50, 58, 94. (54 HOLES TOTAL). POOH W/GUN. APOLLO RDMO. RUH W/5 1/2" RBP & PKR ON 203 JTS 2 7/8" L80 WORK STRING TO SET RBP @ 6649.9', RELEASE RETRIEVING TOOL PU 4' TO SET PKR @ 6645' MACLASKEY KILL TRUCK MIRU ON TBG. LOAD TBG TO 3000 PSI W/39 BBLS FW. PRESSURE HELD. BLEED PRESSURE OFF TBG. RELEASE PKR. POOH W/14 JTS WORK STRING.

PACKER SWINGING @ 6176'. SDOW.

**TOTAL MAN HRS 48.** 

**Daily Cost** \$8,619

Cum Cost

**AFE Amount** 

AFE#

Activity Date 4/12/2004

\$53,150 Type of Report:

**SERV JOB** 

PROGRESS REPORT

Description SD.

Times

Hours

Remarks

DOWN WAITING ON ACID AND FRAC TRUCKS.

**Daily Cost** \$2,216 **Cum Cost** 

**AFE Amount** \$55,366

Hours

AFE# Type of Report:

**SERV JOB** 

PROGRESS REPORT

Activity Date 4/13/2004 Description SDON.

Times

Remarks

DROVE CREW TO LOCATION. HELD SAFETY MEETING. RIH W/13 JTS 2 7/8" WORK STRING TO 6599'. PETROPLEX MIRU ON TBG. HELD SAFETY MEETING. CIRCULATE HOLE TO SURFACE W/117 BBLS FW. SPOT ACID ACROSS DRINKARD PERFS (6182'-6594'), POOH W/16 JTS TO SET PKR @ 6078'. PETROPLEX RU & LOAD BACK SIDE TO 1000 PSI, PRESSURE HELD, RU ON TBG & ACIDIZE DRINKARD W/2500 GAL 15% HCL IM 8 STAGES DROPPING 10 BALLS PER STAGE. AVG RATE = 8.0 BPM, MAX RATE = 8.2 BPM. AVG PSI = 5400, MAX PSI = 7200. BALLED OUT ON 8TH SET OF BS. HAD GOOD BLOCKING & BREAKS THROUGHTOUT JOB. ISDP = 1500 PSI, 5 MIN - 250 PSI ON A VACUM IN 9 MIN. PETROPLEX RDMO, RU TO SWAB DRINKARD, MADE 13 RUNS, RECOVERED 61 BBLS W/A TRACE OF OIL & A LITTLE GAS BLOW. IFL WAS @ 1200' FROM SURFACE, FFL @ 3700' AND SCATTERED TO SEAT NIPPLE. RELEASE PKR, RIH TO 6599' TO CLEAR BALLS OFF PERFS. POOH WWORK STRING & PKR. ND BOP, NU FRAC VALVE. SDON. TOTAL MAN HRS 115.5.

**Daily Cost** \$14,751

**Cum Cost** 

**AFE Amount** 

\$70,117

AFE#

Activity Date 4/14/2004

Description FRAC WELL.

Type of Report: **SERV JOB**  PROGRESS REPORT

Times

Hours

DROVE CREW TO LOCATION. HELD SAFETY MEETING. HAD 150 PSI ON WELL. BJ SERVICES MIRU TO FRAC DRINKARD DN 5 1/2" J55 CSG. MAX RATE WAS 47 BPM W/40 M GAL 50Q CO2 FOAM AND 20/40 OTTAWA SD. MAX PSI = 3497. START FLOWING WELL BACK TO SWAB TANK. TOTAL MAN HRS 197.5

**Daily Cost** \$48,080 Cum Cost

AFE Amount

AFE#

Activity Date 4/15/2004

\$118,197

Type of Report: **SERV JOB** 

**PROGRESS REPORT** 

Times

Description FRAC DRINKARD & FLOW BACK. Hours

DROVE CREW TO LOCATION. HELD SAFETY MEETING. OPEN CHOKE TO 30/64" PRESSURE HANGING @ 250 PSI. 12:00PM = 150 PSI. 3:00PM = 100 PSI. OPEN CHOKE ALL THE WAY. UNLOADED A LITTLE FLUID AND PRESSURE CAME UP TO 140 PSI. PRESSURE FELL TO 50 PSI BY 7:00PM. OPEN 2" VALVE. PRESSURE @ 0 PSI BY 12:00AM W/SLIGHT BLOW. RECOVERED 112 BBLS

FLUID.

**Daily Cost** 

**Cum Cost** 

AFE Amount

AFE #

\$1,937

\$120,134

Activity Date 4/16/2004 Description SDOW. Type of Report:

**SERV JOB** 

PROGRESS REPORT

Times

Hours

Remarks

DROVE CREW TO LOCATION, HELD SAFETY MEETING. HAD SLIGHT BLOW ON WELL, PRO RD MANIFOLD, CREW RD FRAC VALVE, RU BOP, RIH

W/BULLDOG BAILER ON 196 JTS 2 7/8" WORK STRING TO TAG TOP OF SAND

@ 6346". CLEAN OUT TO 6474'. BAILER STARTED TRYING TO STICK, WORKED BAILER FREE AND POOH W/4 JTS TBG. SD 30 MIN. RIH W/ 1 JT TO TAG @ 6384'. 90' OF SAND HAD COME IN. CLEANED OUT 32' TO 6416'. BAILER TRIED TO STICK AGAIN. POOH W/1 JT. SD FOR 30 MIN. RIH TO TAG @ 6401'. HAD LOST 15'. CLEANED OUT TO 6477'. SAND STILL ENTERING WELL BORE QUICKLY. POOH W/WORK STRING & BAILER. GOT OUT W/325' TBG FULL OF

SAND. SDOW. TOTAL MAN HRS 62.

**Daily Cost** \$3,482

Cum Cost \$123,616

**AFE Amount** 

AFE#

Activity Date 4/17/2004

Description SDON.

Type of Report:

**SERV JOB** 

PROGRESS REPORT

Times

Hours

Remarks

DROVE CREW TO LOCATION. HELD SAFETY MEETING. SMITH SERVICES MIRU REVERSE UNIT. RIH W/4 3/4" BLADE BIT, BIT SUB & X-OVER ON 194 JTS TBG TO TAG TOP OF SAND @ 6460'. BROKE CIRCULATIOM W/300 BBLS FW PUMPING @ 3 BPM. CLEAN OUT SAND & BS TO RBP @ 6650'. CIRCULATE HOLE CLEAN, ND POWER SWIVEL, LAY DN POWER SWIVEL, SART OUT OF HOLE LAYING DOWN 2 7/8" WORK STRING, SDON.

TOTAL MAN HRS 78.

Daily Cost \$5,556

**Cum Cost** \$129,172

AFE Amount

AFE#

Activity Date 4/20/2004

Type of Report:

**SERV JOB** 

PROGRESS REPORT

Description SDON.

Times

Hours

Remarks

AFF #

DROVE CREW TO LOCATIOM, HELD SAFETY MEETING, FINISH LAYING DN

WORK STRING. CHANGE RAMS IN BOP. SDON. TOTAL MAN HRS 40.

**Daily Cost** \$1,625

Cum Cost **AFE Amount** 

\$130,797

Activity Date 4/21/2004

Description RD CLEAN LOC MO.

Type of Report:

**SERV JOB** 

**PROGRESS REPORT** 

Times

Hours

DROVE CREW TO LOCATION. HELD SAFETY MEETING. RIH W/18 JTS 2 3/8" J55 PRODUCTION TBG. POOH LAYING DN SAME. RIH W/PROD. TBG. (WILL PRODUCE THE DRINKARD TO ESTABLISH PRODUCTION RATES FOR THE NMOCD). ND BOP, NU WELLHEAD SET TAC W/37" TBG STRETCH. RIH W/PUMP & RODS ABOVE SEAT PUMP. HANG WELL ON SPACING PLUNGER 12" OFF BOTTOM. LOAD TBG 500 PSI W/13 BBLS FW. PRESSURE HELD. CHECK PUMP ACTIOM TO 500 PSI. HAD GOOD PUMP ACTIOM. RD CLEAN LOCATION

**Daily Cost** 

**Cum Cost** \$137,927

**AFE Amount** 

AFF #

Activity Date 4/26/2004

Type of Report:

**SERV JOB** 

**PROGRESS REPORT** 

Description SDON.

Times

\$7,130

Hours

Remarks

MIRU, LONG STROKE PUMP. NO PUMP ACTION, POH W/RODS & PUMP, R&R PUMP, FOUND A SMALL AMOUNT OF SCALE AND PIECES OF FORMATION ROCK IN PUMP. HAD OMEGA CHEMICAL CHECK SAMPLES. SDON.

TOTAL MAN HRS 40.

**Daily Cost** 

**Cum Cost AFE Amount**  AFE#

\$1,622 Activity Date 4/27/2004 \$1,622

Type of Report: **SERV JOB**  PROGRESS REPORT

Description SDON.

Times

Hours

Remarks

DROVE CREW TO LOCATION. BLEED DN WL. ND WELL HEAD. RELEASE TAC, NU BOP, PU & RIH W/32' JT OF TBG. TAG FILL @ 6636' PER OLD TALLY. SHOWED TO HAVE 11' OF FILL. POH W/TBG, FOUND JOHNSON SAND SCREEN PLUGGED W/SAND. WAIT ON CAVINS DE-SANDER FOR 4 HRS TO COME OUT OF ODESSA. RIH W/PURGE VALVE, DESANDER, TAC & TBG. ND BOP, SET TAC W/37" TBG STRETCH, NU WELL HEAD. SDON.

TOTAL MAN HRS 86.

**Daily Cost** 

**Cum Cost** 

\$6,834 \$8,456 **AFE Amount** AFE#

Activity Date 4/28/2004 Description RDMO. Type of Report:

**SERV JOB** 

**PROGRESS REPORT** 

**Times** 

Hours

Remarks

DROVE CREW TO LOCATION. RIH W/PUMP & RODS AS LISTED ABOVE, HANG

WELL ON, LOAD TBG W/15 BBLS FW & PRESS TO 500 PSI W/DOWN HOLE

PUMP, HELD GOOD, RDMO.

TOTAL MAN HRS 27.

**Daily Cost** \$943

**Cum Cost AFE Amount** 

AFE#

Activity Date 6/18/2004

\$9,399

Description SDON.

Type of Report:

**SERV JOB** 

**INITIAL REPORT** 

Times

Hours

Remarks

MIRU, PU ON RDS, UNABLE TO UNSEAT PUMP, JARRED ON PUMP TO

UNSEAT, NO SUCCESS. BACKED OFF RDS. POH W/104 7/8" RDS & 130 3/4"

RDS. ND WELL HEAD, NU BOP & ENVIRO-VAT PAN. SDON.

**Daily Cost** 

**Cum Cost AFE Amount** 

AFE#

\$1,783 Activity Date 6/19/2004

Type of Report:

**SERV JOB** 

**PROGRESS REPORT** 

Description SDON. **Times** 

Hours

\$1,783

Remarks

DROVE CREW TO LOCATION. RU ROTARY WIRELINE, PERFORATE SIX DRAIN HOLES IN TBG @ 5862', PU ONE JT TBG. FOUND FILL @ END IF TBG AT 6617', STRIP OUT RDS & TBG. LAY DN 19 RDS & 15 JTS TBG. RIH W/TBG. ND BOP & ENVIRO-VAT PAN, SET TAC W/37" TBG STRETCH, NU WELL HEAD, RIH W/PUMP & RDS. HANG WELL ON SPACINGOUT PUMP PLUNGER 6" OFF BTM. LOAD TBG W/18 BBLS FW, PRESSURE TO 500 PSI W/DN HOLE PUMP, SDON.

(NOTE: WELL PUMPING ABOVE PERFS).

TOTAL MAN HRS 70.

**Daily Cost** \$10,717

**Cum Cost** \$12,500

**AFE Amount** 

AFE#

		TUB	ING E	BREAKE	owi	N AS OF	11/26/1998
# Joints	Running Ftg.		Size	Grade	End	Thread	Description
212	6843.22	6843.22	1	1	1	1	2 3/8" TBG
0	6846.12	2.9	1	1	1	1	5 1/2" TAC
13	7265.66	419.54	1	1	1	1	2 3/8" TBG
0	7266.76	1.1	1	1	1	1	2 3/8" SN
0	7270.76	4	1	1	1	1	PERF SUB
1	7303.02	32.26	1	1	1	1	2 3/8" BPMA
226		7303.02	TUBIN:	G SUMMA	RY		
		ROD BREAKDOWN AS OF 11/26/1998					
# Rods		Footag		ize Grad		scription	
1	22	2	2		1 11	/4" X 22' P	OLISHED ROD
1	44	2	2		1 7/8	" X 8' X 6' X	X 6' X 2' PONY R
105	2669	262	5		1 7/8	" X 25' SU	CKER GR KD RO
184	7269	460	0		1 3/4	" X 25' SU	CKER GR KD RO
1	7270		1		1 1')	(1" PONY	ROD
	7288	1	8		1 2"	X 1.25" X 1	8' RHBC PUMP
O	7288				1 1"	X 20' GA	
292	!	728	8 Roc	d Summar	у		

### **FAILURES AS OF 11/26/1998**

# **CASING HISTORY REPORT**

### SURFACE LEVEL

Location 950' FNL & 1650' FEL OF SEC. 9, T-22-S, R-37-E **TD Date** 10/25/1998

**TD Hole Time** 

Total Depth: 1222'

Hole Size: 12-1/4"

			otal Doptili 1222	11010	0126. 12-1/4
Joints Ra	n	Joint Description	To	tal Footage	Running Ftg.
		KB ELEVATION		13.60	13.60
2	28	8-5/8" 24# J-55 8RD BOURSON CSG		1182.12	1195.72
		8-5/8" NOTCHED GUIDE SHOE		0.84	1196.56
		8-5/8" 8RD FC		1.20	1197.76
	1	8-5/8" 24# J-55 8RD ST&C BOURSON CS	SG	42.25	1240.01
		CUT-OFF CSG		-18.01	1222.00
2	29	Total Joints Ran		1222.00	
antad aa					

Cemented as

**Top Cement: SURFACE** 

Stage 1 - 390 SX 35:65 CLASS "C" + 6% GEL, 2% CL, 1/4# CELLOFLAKE (YLD:1.94, WT:12.5) Tail: 100 SX CLASS "C" + 2% CC (YLD:1.34, WT:14.3)

Comment CIRC 5 SX TO PIT. CENTRALIZERS & SCRATCHERS: 1 MIDDLE 1ST JT, 1 1ST COLLAR ABOVE FLOAT COLLAR, THEN 1 EVERY 4 JTS.

#### PRODUCTION LEVEL

Location 950' FNL & 1650' FEL OF SEC. 9, T-22-S, R-37-E

TD Date 11/9/1998	TD Hole Time	Total Depth: 7500' Hole	Hole Size: 7-7/8"	
Joints Ran	Joint Description	Total Footage	Running Ftg.	
	5-1/2" FS	1.25	1.25	
69	5-1/2" 17# J-55 8RD CSG	3135.54	3136.79	
. 1	5-1/2" 17# J-55 8RD LONE STAR CSG	45.56	3182.35	
	5-1/2" FC	1.10	3183.45	
	KB ELEVATION	11.60	3195.05	
	CUT OFF CSG	-30.30	3164.75	
96	5-1/2" 17# LONE STAR CSG	4333.09	7497.84	
1	5-1/2" DV TOOL	2.16	7500.00	
167	Total Joints Ran	7500.00		
Cemented as		Top Cei	ment: SURF	

Stage 2 - 790 SX "C" 50/50 POZ + .005 GPS FP-6L + 10% GEL + 5# GILSONITE. (YLD:2.43, WT:11.6) Tail: 210 SX "C" + 1% CC + .005 GPS FP-6L. (YLD:1.34, WT:14.8)

Stage 1 - 700 SX "C" + .5% CD-32, .15% FL-52 + .005 GPS FP-6L 1% SM. (YLD:1.33, WT:14.8)

Comment CENTRALIZERS & SCRATCHER: MIDDLE BTM JT, 2ND COLLAR, EVERY 4TH JT, TOP & BTM DV TOOL, THEN EVERY 4TH JT TO 3400'.