

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

N.M. Oil Com. Form 2

CLSI-

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

5. Lease Serial No.
NM 040547

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
SW 550

8. Well Name and No.
Gulf Federal Com No. 3

9. API Well No.
30-015 32288

10. Field and Pool, or Exploratory Area
Carlsbad; Morrow, South (Gas)

11. County or Parish, State
Eddy Co., NM

SUBMIT IN TRIPLICATE - Other Instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

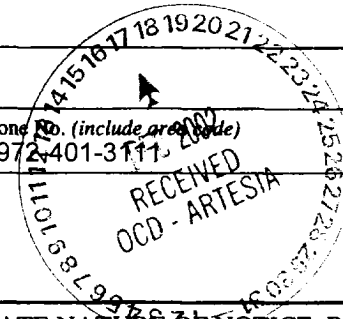
2. Name of Operator
Gruy Petroleum Management Co. /

3a. Address
P. O. Box 140907 Irving, TX 75014-0907

3b. Phone No. (include area code)
972-401-3111

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1100' FNL & 1980' FEL Sec. 1 T23S - R26E

UT.C



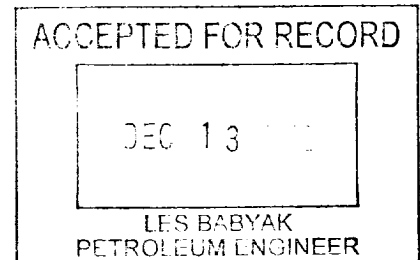
12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Set Production Casing</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

- 11/08/02 Ran total of 206 jts of N80 and 74 jts of HCN80 5 1/2" casing to 12,100'. Cemented 1st stage with 440 sx Interfill H lead and 610sx Super H. Dropped bomb and floats held ok. Circulated 80 sx cmt off DV tool to pit. Cemented 2nd stage with 550 sx Interfill C lead and 100 sx Premium Tail. Landed plug at 300# and ended job. Did not circulate cement on 2nd stage. Ran temperature survey and found cement top at 2600'.
- 11/09/02 Released rig at 0500 hrs. to Echols Com #2.

See attached drilling report and casing & cement report.



14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)
Natalie Krueger

Title
Production Assistant

Signature
Natalie Krueger

Date
December 4, 2002

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Gruy Petroleum Management Co.

Magnum Hunter Production, Inc.

Well History

October 10, 2002 Thru November 9, 2002

OPERATED

CARLSBAD SOUTH

<u>GRUY PETROLEUM MANAGEMENT CO</u>		W.I. Pct BCP	78.61 %
76741 GULF FEDERAL COM 3		W.I. Pct ACP	78.61 %
EDDY, NM		Morrow / 12,250'	
10/10/2002	Depth	1100' FNL & 1980'FNL, Sec 1, T23S, R26E	
	Progress		
AFE: 22038	Present Operation:	NU BOP Stack	
Spud well & drill to 257'; WLS @ 238' = 1.25 DEGS; DRLG F/257-443'; wls @ 396' = .75 degs; drlg f/443-577'; trip out of hole for casing with no hole problems,LD bit & RMR; RU casers & run 13 jts 13-3/8" 48 H40/STC casing to 577' & tag btm with no fill; RU Hall & pump 380 sx of lead cmt, 150 sx of tail cmt & displace with 83 bbls of FW; bumped plug & float held, CIRC 77 sx to reserve pit, BLM rep on loc; WOC; cut conductor & casing, weld on 13-3/8" 3K wellhead & test to 500#.			
10/11/2002	Depth	1,010	
	Progress	433	
AFE: 22038	Present Operation:	Drlg	
NU BOP stack, choke manifold, rotating head & flowline; test blinds & manifold valves to 500#; MU BHA & TIH to 530'; drill FC at 532' & hard cmt to 550'; test casing & annular to 500# for 30 mins, test pipe rams to 500#; drill guide shoe at 577'; drilling from 577-1010', ran low RPM & wait until BHA tools beneath shoe; daily ROP - 36'/hr.			
10/12/2002	Depth	1,748	
	Progress	738	
AFE: 22038	Present Operation:	Drlg	
Drilling from 1010' - 1099'. 30 WOB and 120 RPM> Wireline Survey at 1050' - 1.5 degrees. Drilling from 1099' - 1385'. 30 WOB and 120 RPM. Wireline Survey at 1370' - 1.5 degrees. Drilling from 1385' - 1640'. 25 WOB and 120 RPM. Wireline Survey at 1593' - 2.5 degrees. Drilling from 1640' - 1748' with 20 WOB and 140 RPM. (Motor-80 / Rotary-60) Daily ROP - 32.8'/hr. / Cum ROP - 33.9'/hr.			
10/13/2002	Depth	2,400	
	Progress	652	
AFE: 22038	Present Operation:	Drlg	
Drilling from 1748' - 1830'. Wireline Survey at 1781' - 1.75 degrees. Drilling from 1830' - 2115'. Wireline Survey at 2068' - 1.75 degrees. Drilling from 2115' - 2400' with 25k WOB and 60 RPM on rotary. (80 RPM on motor) Daily ROP - 28.3'/hr. / Cum ROP - 31.7'/hr.			
10/14/2002	Depth	3,100	
	Progress	700	
AFE: 22038	Present Operation:	Drlg	
Drilling from 2400' - 2421'. Wireline Survey at 2387' - 2 degrees. Drilling from 2421' - 2752'. Wireline Survey at 2705' - .5 degrees. Drilling from 2752' - 3100'. Called for fluid caliper at 3050'. Daily ROP - 31.1'/hr / Cum ROP - 31.5'/hr.			
10/15/2002	Depth	3,193	
	Progress	93	

AFE: 22038 Present Operation: MU BHA

Drlg f/3100' to 3193'; FIN fluid caliper & pump 80 bbls sweep around; TOH to 8" DC; RU laydown machine; LD 8" DCs, motor & RMR; RU casers & run FS, FJ, FC & 70 jts of 9.625" J-55 40 STC casing to 3190'; wash 3' to btm & CIRC; RU Hall & pump 20 bbls FW spacer, 1150 sx lead, 200 sx tail, & displace w/239 bbls FW, bumped plug & floats held, CIRC 82 sx of cmt to pit; ND BOP stack, PU & set slips w/120K, cut casing, NU wellhead & test; NU BOP stack & flowline; test BOP stack to 300 & 5000#, tested annular to 2500#, upper kelly cock would not test, will replace kelly cock.

10/16/2002 Depth 4,130
Progress 937

AFE: 22038 Present Operation: Drlg

Pick up BHA. Cut drilling line. Trip in hole with Drill Pipe to 3140'. Drill cement, FC at 3148', and 30' of cement. Test casing to 2200 psi. Good test. Drill cement, FS, and 10' of new formation. Circulate clean and close annular preventer. Pressure up to 350 psi and hold 5 minutes. No leakoff. Drilling from 3193' - 3677'. Wireline survey at 3607' - .75 degrees. Drilling from 3677' - 4130'. Daily ROP - 55.1'/hr.

10/17/2002 Depth 5,330
Progress 1,200

AFE: 22038 Present Operation: Drlg

Drilling from 4130' - 4152'. Wireline Survey at 4081' - 1 degree. Drilling from 4152' - 4628'. Wireline Survey at 4558' - 1 degree. Drilling from 4628' - 5105'. Wireline Survey at 5035' - .75 degrees. Drilling from 5105' - 5300'. Daily ROP - 53.3'/hr. / Cum ROP - 53.7'/hr.

10/18/2002 Depth 5,970
Progress 640

AFE: 22038 Present Operation: Drlg

Drilling from 5330' - 5613'. 43'/hr. Wireline Survey at 5536' - 1.5 degrees. Rig Service. Drilling from 5613' - 5679'. Made connection and bit torqueing up. ROP slowed. Trip out of hole for bit. RMR undergaged and bit worn on shanks. Change out motors and redress RMR. Make up bit. Trip in hole to 5650'. Ream 29' to bottom. Drilling from 5679' - 5970'. 34'/hr. Security had no bit in stock with gauge protection on shank. Informed me that they would have some for next well. Ordered bit from Hughes.

10/19/2002 Depth 6,815
Progress 845

AFE: 22038 Present Operation: Drlg

Drilling from 5970' - 6122'. Wireline Survey at 6036' - 2 degrees. Drilling from 6122' - 6568'. Wireline Survey at 6520' - 1.25 degrees. Drilling from 6568' - 6815'. Daily ROP - 36.7'/hr. / Cum ROP - 36'/hr.

10/20/2002 Depth 7,712
Progress 897

AFE: 22038 Present Operation: Drlg

Drilling from 6815' - 7076'. Wireline Survey at 6999' - .75 degrees. Drilling from 7076' - 7554'. Wireline Survey at 7484' - 1.75 degrees. Drilling from 7554' - 7712'. Daily ROP - 39'/hr / Cum. ROP - 37.3

10/21/2002 Depth 8,474
Progress 762

AFE: 22038 Present Operation: Trip for New Bit/LD Motor

Drilling from 7712' - 8030'. Wireline Survey at 7982' - 1.75 degrees. Drilling from 8030' - 8474'. ROP dropping slightly down to 28'/hr. Will trip out, check DC, laydown motor, and trip in hole with pendulum assembly. Daily ROP - 32.4'/hr / Cum ROP - 35.8'/hr.

10/22/2002 Depth 8,820
Progress 346

AFE: 22038 Present Operation: Drlg

Trip out of hole - new bit. Laydown mud motor, tri-collar, and Breakout survey tool - 1.5 degrees. Trip check Drill Collars and found cracked box on # 4 L.C. Make up pendulum assembly. Trip in hole with DP to bottom with 3' of soft fill. Drilling from 8474' - 8820'. Daily ROP - 24.7/hr with 65 RPM and 60K WOB.

10/23/2002 Depth 9,390
Progress 570

AFE: 22038 Present Operation: Drlg

Drilling from 8820' - 9019'. Wireline Survey at 8970' - 1.5 degrees. Drilling from 9019' - 9390'. Bringing up mud weight with Brine Water. Steady 6 - 8' flare.

10/24/2002 Depth 9,910
Progress 520

AFE: 22038 Present Operation: Drlg

Drilling from 9390' - 9495'. Wireline Survey at 9446' - .75 degrees. Drilling from 9495' - 9910'. Drilling break at 9894' - 9897'. Check flow and flowing one gallon/minute. Adding Brine Water to system to bring up mud weight.

10/25/2002 Depth 9,991
Progress 81

AFE: 22038 Present Operation: CIRC for DST

Drilling from 9910' - 9972'. Flare 5 - 15'. Wireline Survey at 9923' - 1 degree. Change out rotatinghead rubber. Drilling from 9972' - 9991'. Received call to run DST in Cisco. Flare from 5 - 20' and steady. Mudding up w/ XCD and salt. Started w/ MW of 8.9 ppg and 28 visc. Circulate and add chemicals in steel pits while building MW to 9.2 ppg in and 8.8 ppg out. Flare steady at 5 - 20'. Shutdown and check for flow. Well flowing 4" stream w/ pump off. Resume circulating and weighting up while adding XCD and salt. Brought MW up to 9.4 ppg and 37 visc and check for flow. No flow w/ pump off. Short trip 20 stands and fill hole every 5 stands. Took 8 bbls of mud in 20 stands instead of 13 bbls calculated. Trip back in hole to bottom and had 11 bbl gain in pits. Had 2 - 5' flare while tripping. Circulate and weight up mud. Strong flare from 15 - 30' after starting pump. Presently bringing weight up to 9.5 ppg. Mud engineer on location.

10/26/2002 Depth 9,991
Progress 0

AFE: 22038 Present Operation: Trio for DST Tools

Circulate and weight up mud from 9.3 ppg to 9.7 ppg. Flare diminishing from 15 - 25' down to 4 - 8'. Started getting 9.7 ppg in and 9.7 ppg out with drop in gas units down to 600u. Shutdown pump, check for flow - no flow, set kelly back, and trip 20 stands. Trip in hole w/ drill string with no flow. Circulate and condition mud for DST # 1. Had 20 - 25' flare on bottoms up for 10 minutes and dropped off to 4 - 5' flare for remainder of circulation. Well is dead. Pump 11 ppg slug down drill pipe and trip out of hole for DST # 1. Keeping pump on hole to fill while tripping out. Tester on location.

10/27/2002 Depth 9,991
Progress 0

AFE: 22038 Present Operation: TIH w/Bit

Trip out of hole. Well is dead. Make up DST tools. Trip in hole with drill collars. Cut drilling line. Trip in hole with drill pipe to 9991'. Rig up manifold and install safety valve one joint below surface. Opened tool with good action, building to 10 oz. In 5 minutes, and decreasing to 7 oz in 30 minutes. Closed for one hour and open for one hour final flow with 4.5 oz and decreased to 0 in 18 minutes. Shut in for 3 hrs. Pull packer loose and pull 10 stands. Drop bar, open reverse sub, and reverse out to pit. Est. recovery - 500' of gas and 50' gas cut mud. Circulate conventional to get bottoms up. Flare was 20 - 30' for 30 minutes and died off to 4'. Trip out of hole w/ DST # 1 and break out test tools. Make up bit # 6 and trip in hole.

10/28/2002 Depth 10,200
Progress 209

AFE: 22038 Present Operation: Drlg

Trip in hole to 6000'. Break circulation at 6000'. Had flare of 20 - 25'. Dropping off to 8 - 10'. Trip in hole to 9950'. Flare up and wash to 9991' with 5' of fill on bottom. Drilling from 9991' - 10200' with 65K WOB and 300 RPM. Flare was 20 - 30' on bottoms up and slowly went out. Daily ROP - 9.95'/hr.

10/29/2002 Depth 10,420
Progress 220
AFE: 22038 Present Operation: Drlg

Drilling from 10200' - 10258'. 8.9'/hr. Wireline Survey at 10209' - .75 degree. Change out rotatinghead rubber. Drilling from 10258' - 10420'. 9.8'/hr. Gummy shale slowing ROP down considerably. Drilling Limestone stringers at 3 - 4 minutes per foot.

10/30/2002 Depth 10,703
Progress 283
AFE: 22038 Present Operation: Drlg

Drilling from 10420' - 10703'. 11.8'/hr. Mudding up second stage.

10/31/2002 Depth 10,925
Progress 222
AFE: 22038 Present Operation: Drlg

Drilling from 10703' - 10734'. Wireline Survey at 10685' - One degree. Service rig. Drilling from 10734' - 10861'. Drilling break at 10861'. Slight flow. Shut well in, but no pressure observed. Make connection with no flow and resume drilling ahead. Drilling from 10864' - 10925'.

11/01/2002 Depth 11,155
Progress 230
AFE: 22038 Present Operation: Drlg

Drilling from 10925' - 11155'. Daily ROP - 9.6'/hr / Cum ROP - 10.1'/hr.

11/02/2002 Depth 11,376
Progress 221
AFE: 22038 Present Operation: Trip for New Bit

Drilling from 11155' - 11209'. Wireline Survey at 11160' - 1.5 degrees. Rig Service. Drilling from 11209' - 11376'. Drop Survey tool and pump slug down drill pipe. Trip out of hole for bit change. Daily ROP - 10.8'/hr / Cum ROP - 10.24'/hr.

11/03/2002 Depth 11,530
Progress 154
AFE: 22038 Present Operation: Drlg

Trip out of hole. Change bits. Trip in hole to 5000'. Break Circulation. Trip in hole to 11300'. Wash 70' to bottom with no fill on bottom. Drilling from 11376' - 11530'. Daily ROP - 8.8'/hr.

11/04/2002 Depth 11,785
Progress 255
AFE: 22038 Present Operation: Drlg

Drilling from 11530' - 11785'. Daily ROP - 10.6'/hr / Cum ROP - 9.7'/hr.

11/05/2002 Depth 11,987
Progress 202
AFE: 22038 Present Operation: Drlg

Drilling from 11785' - 11907'. Wireline Survey at 11859' - 1.5 degrees. Drilling from 11907' - 11987'. Daily ROP - 8.8'/hr. Cum ROP - 9.4'/hr.

11/06/2002 Depth 12,100
Progress 0

AFE: 22038 Present Operation: Trip for Logs
Drilling from 12057' - 12100'. TD as per geologist. Circulate and pump slug for short trip. Pull 20 stands. Saw 25 - 30K drag on stands 4, 5, and 6. Had 6' of fill on bottom after short trip. Circulate and condition mud. Had 20 -25' flare for 30 minutes. Slug pipe for 10 stand short trip. Pull 10 stands. Had 25K drag steady thru first 7 stands. Circulate and condition mud. Flare was 15' for 10 minutes on bottoms up. Slug Drill Pipe, drop survey tool, and SLM out of hole for logs.

11/07/2002 Depth 12,100
Progress 0
AFE: 22038 Present Operation: Cut Drilling Line

Trip out of hole for logs. Strap was 12107'. Rig up Halliburton loggers and run DSN, SDL, DLL, and GR on first run. Loggers TD was 12082'. Log # 2 was Formation Test and Sonic log from 12040' - 3190'. Rig down loggers. Rig up Computalog and run Casing Inspection log on 9.625" casing from 3190' - Surface. Found one spot at 1420' where there was minor wear on casing. Trip in hole with Drill Collars and 2 stands of drill pipe. Cut drilling line.

11/08/2002 Depth 12,100
Progress 0
AFE: 22038 Present Operation: Running 5-1/2" Casing

Cut drilling line; TIH to 6000'; CIRC gas through separator, had 20-25' flare for 20 mins, dropped off to 5'; TIH to 12,050'; C&C mud until flare went from 25' down to 5'; LD DP & DCs; RU casers & run 15 jts of 5-1/2" casing, noticed wearbushing not around puller; standback casing, pull wearbushing & run casing back in hole; cont running casing, approx 50 jts off btm at report time.

11/09/2002 Depth 12,100
Progress 0
AFE: 22038 Present Operation: Rigging Down

Ran total of 206 jts of N80 & 74 jts of HCN80 casing to 12,100', had one foot of fill on btm; CIRC out gas, flare was 20-25' for 30 mins & decreased to 2-4', RU Hall; cmt first stage w/440 sx interfill H lead & 610 sx Super H, bumped plug & floats held; drop bomb & open DV tool with 750#; CIRC through DV tool at 6994' with good returns, CIRC 80 sx cmt off DV tool to pit; cmt second stage w/550 sx interfill C lead & 100 sx Prem Tail, had good returns during job, landed plug at 3100# & end job, cementer noted that we circ cement, but never saw any, will run temp survey to verify cmt top; ND BOP stack; set slips w/string weight of 180K & cut off casing; dress 5.5" casing & NU tubinghead, test to 3500# & held; clean mud pits, RU slickline for temp survey at 0400 hrs. Released Rig at 0500 hrs on 11/9/02 to Echols Com #2, Rig will move on Monday if reserve pit is finished, dirt contractor hopes to be finished this afternoon & rathole is schedule to set 40' of 20" conductor, will line pits on Sunday.

**GRUP PETROLEUM MANAGEMENT COMPANY
CASING & CEMENTING REPORT**

CASING 5.5"

WELL: Gulf Federal Com # 3				AFE	22038	JOB DATE: 7-Nov-02	
Dri	12,100	Log TD:	12082	Last Csg:	9 5/8 3193'	Hole Size:	8.75" Rig: Patterson - UTI # 80

Items	Item Description (from top)	Weight	Grade	Thread	Cond.	Length	RKB Setting Depth
							-21.86
23	5.5" Lone Star	17	HCN-80	LTC	NEW	954.62	932.76
138	5.5" Newport	17	N-80	LTC	NEW	6059.74	6992.5
1	Halliburton DV Tool			LTC	NEW	1.87	6994.37
68	5.5" Newport	17	N-80	LTC	NEW	2975.28	9969.65
27	5.5" Lone Star	17	HCN-80	LTC	NEW	1127.73	11097.38
1	Marker Joint	17	P-110	LTC	NEW	33.51	11130.89
22	5.5" Lone Star	17	HCN-80	LTC	NEW	924.89	12055.78
1	Float Collar			LTC	NEW	1.2	12056.98
1	Float Joint	17	HCN-80	LTC	NEW	42.22	12099.2
1	Float Shoe			LTC	NEW	0.8	12100

	DELIVERED	IN HOLE	RETURNED	Total:	
Footage	12,117.99	12,100.00			12,121.86
Joints:	280				-Cut Off 39.86
Trucking Co.	Galaxy / Arrow				+RKB 18.00
					Set Depth 12100.00

MARKER	11097.38-11130.89				
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**CEMENTING AIDS
CENTRALIZERS**

Depth	Type	Depth	Type	Depth	Type	Depth	Type	Depth	Type	Depth	Type
12,077.00	B	11,867	B	11699	B	11531	B	11363	B	11195	B
11,027.00	B	10,859.00	B	10691	B	10523	B	6975	B	7020	B

WIPERS / SCRATCHERS

Depth Range	Type	Spacing	Depth Range	Type	Spacing	Depth Range	Type	Spacing

DISPLACEMENT

VOLUME			Fluid & Slurry Additives Flush / Spacer / Cement Slurry / Displacement	Density	Yield	Mix Water (gal/sx)
Sx	Bbls	CuFt				
440	146	1,069	Interfill H w/ 5# Gilsonite, 1/4 # Flocele, .1% HR-7	11.9	2.43	13.2
610	180		Super H w/ 5#Gilsonite, 1#Salt, .5Lap1, .3CFR3, .25DAir, .25Flo, .15HR7	13.2	1.6	8
			SECOND STAGE			
550	250		Interfill C w/ .25 # Flocele	11.9	2.41	13.672
100	20		Premium	15.6	1.178	5.225
	164		Fresh Water Displacement	8.33		

Circ Time: 2 hr	Bottom Plug Used:	Cmt Mix	Batch No.: N	Pump Time:
Top Plug Used:	Disp	Plug	Calc/Actual Disp: 164 / 164	
Pipe Movement: None	Circ While Cmtng: Full	Cmt To Surf: 67-1st Stg TOC @: 2600' - Temp Survey		
Circ Press-Circ: 370	Begin: 500	Middle: 785	End: 1275	Bump Plug: Yes - 2000 psi
Comments: Circ 67 sx on first stage. Did not circulate cement on second stage. Ran Temp Survey and found cement at 2600'.				

OPERATIONS & EQUIPMENT COSTS

Casing: 148K	Float Equip:	Mudline Hgr:	Liner Equip:	Cmtg: 36K
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VENDORS

Csg Bull Rogers	Cementing: Halliburton	Float Eq: Trophy	Lnr Eq:
	Mu	Thrd Insp: HRC	Other:

Operator's Representative: Wayne Keel	Date: 8-Nov-02
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