

Submit To Appropriate District Office State Lease - 6 copies Fee Lease - 5 copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 1301 W. Grand Avenue, Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 Revised June 10, 2003 WELL API NO. 30-015-33601 5. Indicate Type of Lease STATE ☒ FEE ☐ State Oil & Gas Lease No. E-5229
WELL COMPLETION OR RECOMPLETION REPORT AND LOG		
1a. Type of Well: OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____ b. Type of Completion: NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. WELL OVER BACK RESVR. ☐ OTHER _____		7. Lease Name or Unit Agreement Name JAMES RANCH UNIT
2. Name of Operator Bass Enterprises Production Co.		8. Well No. 91
3. Address of Operator P. O. Box 2760 Midland, TX 79702		9. Pool name or Wildcat QUAHADA RIDGE(DELAWARE), SE
4. Well Location Unit Letter F : 1980 Feet From The NORTH Line and 1980 Feet From The WEST Line Section 36 Township 22S Range 30E NMPM EDDY County _____		
10. Date Spudded 09/26/2004	11. Date T.D. Reached 10/09/2004	12. Date Compl. (Ready to Prod.) 11/01/2004
13. Elevations (DF& RKB, RT, GR, etc.) 3317' GR		14. Elev. Casinghead
15. Total Depth 7825'	16. Plug Back T.D. 7800'	17. If Multiple Compl. How Many Zones? _____
18. Intervals Drilled By X		19. Producing Interval(s), of this completion - Top, Bottom, Name 7260'-7465' , DELAWARE
20. Was Directional Survey Made YES		21. Type Electric and Other Logs Run GR-CNL-LDT/GR-AIT
22. Was Well Cored NO		23. CASING RECORD (Report all strings set in well)
CASING SIZE	WEIGHT LB./FT.	DEPTH SET
13-3/8"	48#	632'
8-5/8"	32#	3849'
5-1/2"	15.5# & 17#	7823'
24. LINER RECORD		25. TUBING RECORD
SIZE	TOP	BOTTOM
26. Perforation record (interval, size, and number) 7455'-7465' , 0.470, 20 HOLES 7260'-7270' , 0.470, 20 HOLES		27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED
7260'-7465'		29.6kg 10# Brine+92kg Lighting
		2500+20k# 14/30 LiteProp+231k#
		16/30 Ottawa+80k# 16/30 S LC
28 PRODUCTION		
Date First Production 11/01/2004		Production Method (Flowing, gas lift, pumping - Size and type pump) PUMPING
Date of Test 11/13/2004		Well Status (Prod. or Shut-in) PRODUCING
Hours Tested 24	Choke Size 20/64	Prod'n For Test Period
Flow Tubing Press. 250	Casing Pressure 120	Oil - Bbl 156
Calculated 24-Hour Rate	Oil - Bbl 156	Gas - MCF 109
	Gas - MCF 109	Water - Bbl. 308
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD		Test Witnessed By
30. List Attachments LOGS, C-104, INCLINATION REPORT		
31. I hereby certify that the information shown on both sides of this form as true and complete to the best of my knowledge and belief		
Signature 		Printed Name Cindi Goodman
E-mail Address cdgoodman@basspet.com		Title Production Clerk
		Date 11/16/2004

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 25 through 29 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy 280	T. Canyon	T. Ojo Alamo	T. Penn "B"
T. Salt 692	T. Strawn	T. Kirtland-Fruitland	T. Penn. "C"
B. Salt 3580	T. Atoka	T. Pictured Cliffs	T. Penn. "D"
T. Yates	T. Miss	T. Cliff House	T. Leadville
T. 7 Rivers	T. Devonian	T. Menefee	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Otzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T.
T. Blinebry	T. Gr. Wash	T. Morrison	T.
T. Tubb	T. Delaware Sand 3820	T. Todilto	T.
T. Drinkard	T. Bone Springs 7660	T. Entrada	T.
T. Abo	T.	T. Wingate	T.
T. Wolfcamp	T.	T. Chinle	T.
T. Penn	T.	T. Permian	T.
T. Cisco (Bough C)	T.	T. Penn "A"	T.

**OIL OR GAS
SANDS OR ZONES**

No. 1, from.....to..... No. 3, from.....to.....
No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

ATTACH ADDITIONAL SHEET IF NECESSARY

From	To	Thickness In Feet	Lithology



GREY WOLF

INCLINATION REPORT

DATE: 09/15/04

WELL NAME AND NUMBER James Ranch Unit #91
LOCATION: Sec 36, T22S, R30E Eddy Co., NM
OPERATOR: Bass Enterprises Production Co.
DRILLING CONTRACTOR: Grey Wolf Drilling

The undersigned hereby certifies that he is an authorized representative of the drilling contractor who drilled the above described well and that he has conducted deviation tests and obtained the following results:

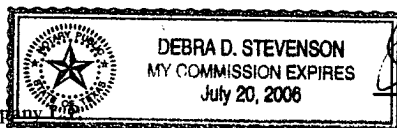
DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH	DEGREE	DEPTH
0.50	339	1.00	5176				
0.50	633	0.50	5610				
0.50	1079	1.00	6105				
0.50	1523	1.00	6529				
0.50	1998	0.50	6992				
1.00	2473	1.00	7416				
0.50	2950	1.00	7825				
2.00	3370						
3.50	3626						
2.50	3790						
1.50	4281						
1.00	4701						

Drilling Contractor:
Grey Wolf Drilling Company, LP

By: Sherry Coskrey
Sherry Coskrey, Office Manager

Subscribed and sworn to before me on this 1st day of November, 2004.

My Commission Expires:



Grey Wolf Drilling Company, LP
6 Desta Drive, Ste 5850
Midland, Texas 79705-5516
tel (432) 684-6828
fax (432) 684-6841

OK
BY

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Artesia, NM 87410

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised March 17, 1999

Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-33601	Pool Code 50443	Pool Name Quahada Ridge (Delaware), S.E.
Property Code 001786	Property Name JAMES RANCH UNIT	Well Number 91
OCRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3317'

Surface Location

UL or lot No. F	Section 36	Township 22 S	Range 30 E	Lot Idn	Feet from the 1980	North/South line NORTH	Feet from the 1980	East/West line WEST	County EDDY
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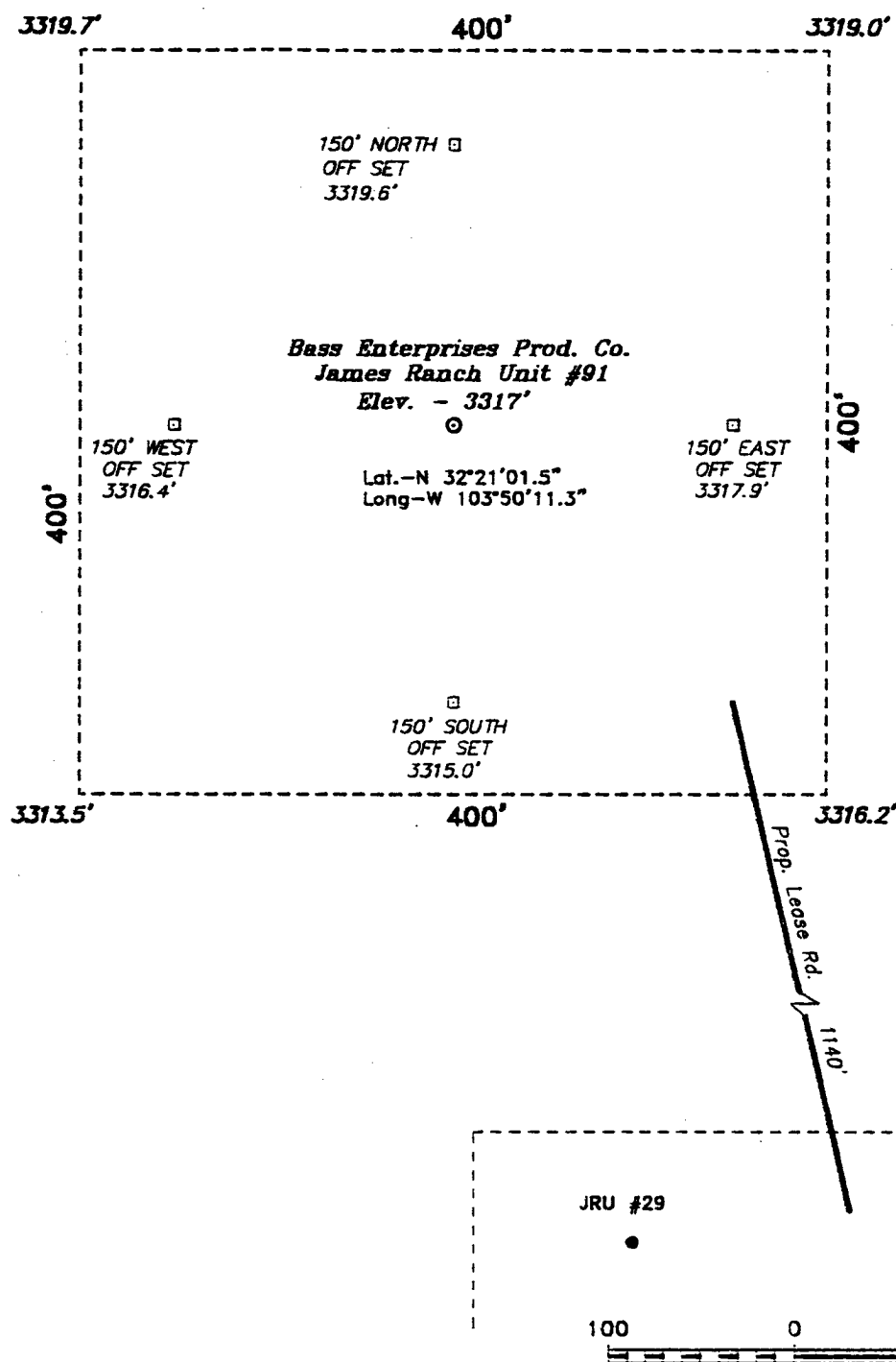
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <u>William R. Dannels</u> Signature <u>W. R. Dannels</u> Printed Name <u>Division Drilling Supt.</u> Title <u>4/5/04</u> Date
	SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision and that the same is true and correct to the best of my belief. <u>October 19, 2000</u> Date Surveyed <u>W.D. No. 00887</u> Signature of Professional Surveyor <u>7977</u> Professional Surveyor License No. <u>W.D. No. 00887</u> Certificate No. <u>L. Jones</u> Name of Professional Surveyor <u>7977</u> Professional Surveyor License No. BASIN SURVEYS

SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128(JAL-LOVING HWY) & CO. RD. 802(WIPP ROAD), GO NORTHEAST ON 802 0.8 MILE; THENCE WEST ON LEASE ROAD 0.5 MILE; THENCE NORTH ON LEASE ROAD 0.9 MILE; THENCE WEST TO PLU #29 0.3 MILE TO PROPOSED LEASE ROAD.

BASIN SURVEYS P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 0587

Drawn By: K. GOAD

Date: 10-20-2000

Disk: KJG #122 - 0587A.DWG

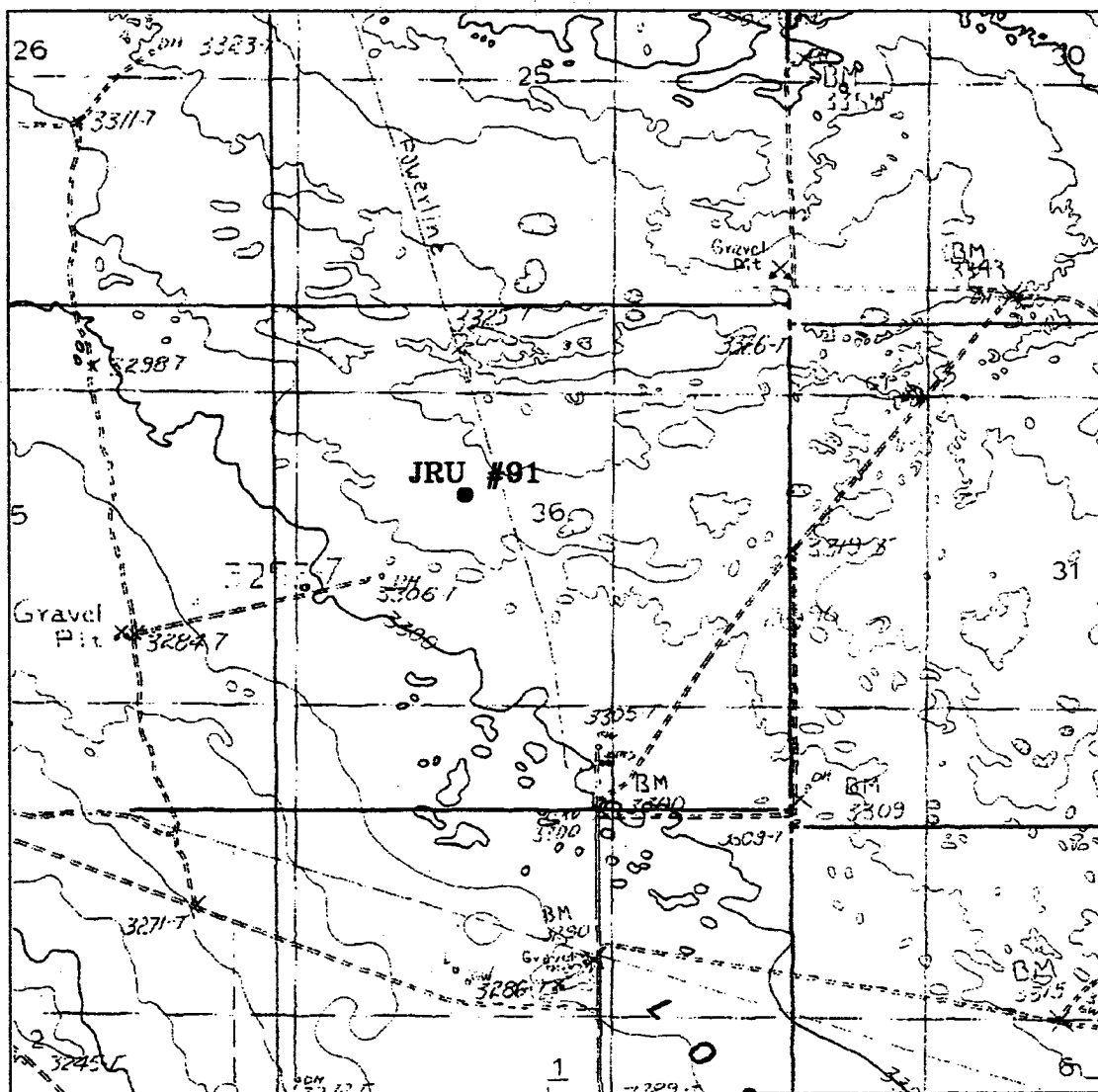
BASS ENTERPRISES PRODUCTION CO.

REF: James Ranch Unit No. 91 / Well Pad Topo

THE JAMES RANCH UNIT No. 91 LOCATED 1980' FROM
THE NORTH LINE AND 1980' FROM THE WEST LINE OF
SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST,
N.M.P.M., EDDY COUNTY, NEW MEXICO.

Survey Date: 10-19-2000

Sheet 1 of 1 Sheets



JAMES RANCH UNIT #91

Located at 1980' FNL and 1980' FWL
 Section 36, Township 22 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

basin
surveys
 focused on excellence
 in the oilfield

P.O. Box 1786
 1120 N. West County Rd.
 Hobbs, New Mexico 88241
 (505) 393-7316 - Office
 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: 0587AA - K&G #122

Survey Date: 10-19-2000

Scale: 1" = 2000'

Date: 10-20-2000

**BASS ENTERPRISES
 PRODUCTION CO.**

HALLIBURTON**Cementing Job Summary***The Road to Excellence Starts with Safety*

Sold To #: 300741		Ship To #: 2378743		Quote #:		Sales Order #: 3423073	
Customer: BASS ENTERPRISES PRODUCTION CO				Customer Rep: 33601			
Well Name: James Ranch		Well #: #91		API/UWI #: 300153360100			
Field:		County/Parish: Eddy		State: New Mexico			
Legal Description:							
Lat: North 0.000 deg. OR North 0 deg. 0 min. 0 secs.				Long: East 0.000 deg. OR East 0 deg. 0 min. 0 secs.			
Contractor: Workover rig				Rig/Platform Name/Num: ?			
Job Purpose: Recement Service							
Well Type: Development Well				Job Type: Cementing			
Sales Person: MOCKSFIELD, RICHARD George				Srvc Supervisor: THORNTON, WAYNE MBU ID Emp #: 239067			
Job Personnel							
HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs	Emp #	HES Emp Name	Exp Hrs
ROBLES, ANTONIO	7.0	104101	THORNTON, WAYNE	7.0	239067		
Equipment							
HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way	HES Unit #	Distance-1 way
10565341	40 mile	10582717	40 mile	10582719	40 mile	10592530C	40 mile
421248	40 mile						
Job Hours							
Date	On Location Hours	Operating Hours	Date	On Location Hours	Operating Hours	Date	On Location Hours
12-01-04	7	3					
TOTAL		Total is the sum of each column separately					
Job							
Formation Name				Date			
Formation Depth (MD) Top				Time			
Bottom				Time Zone			
Form Type				Called Out			
BHST				01 - Dec - 2004 04:30 CST			
Job depth MD 1800 ft				On Location 01 - Dec - 2004 07:00 MST			
Job Depth TVD 1800 ft				Job Started 01 - Dec - 2004 10:24 MST			
Water Depth				Job Completed 01 - Dec - 2004 11:19 MST			
Wk Ht Above Floor 3				Job Completed 01 - Dec - 2004 11:19 MST			
Perforation Depth (MD) From 1,900.00 ft To 1,900.00 ft				Departed Loc 01 - Dec - 2004 14:00 MST			
Well Data							
Description	New / Used	Max pressure	Size in	ID in	Weight lbm/ft	Thread	Grade
Intermediate Casing	Used		8.625	7.921	32		
Production Casing	Used		5.5	4.974	15	LTC	
TUBING	Used		2.875	2.233	8.9		
Tools and Accessories							
Type	Size	Qty	Make	Depth	Type	Size	Qty
Guide Shoe					Packer		
Float Shoe					Bridge Plug		
Float Collar					Retainer		
Insert Float							
Stage Tool							
Miscellaneous Materials							
Gelling Agt		Conc		Surfactant		Acid Type	
Treatment Fld		Conc		Inhibitor		Sand Type	
Fluid Data							
Stage/Plug #: 1							
Fluid #	Stage Type	Fluid Name			Qty	Qty uom	Mixing Density lbm/gal
							Yield ft ³ /sk
							Mix Water Gal/sk
							Rate bbl/min
							Total Mix Fluid Gal/sk

Summary Version: 6.30.43

Wednesday, December 01, 2004 12:00:00

HALLIBURTON***Cementing Job Summary***

Stage/Plug #: 1									
Fluid #	Stage Type	Fluid Name	Qty	Qty uom	Mixing Density lbm/gal	Yield ft ³ /sk	Mix Water Gal/sk	Rate bbl/min	Total Mix Fluid Gal/sk
1	120 sks Filler One	PERMIAN BASIN FILLER I CEMENT - SBM (14209)	120.00	sacks	11.4	2.914	17.983		17.98
	17.983 Gal	FRESH WATER							
2	50 sks Premium Plus	CMT - PREMIUM PLUS CEMENT (100012205)	50.00	sacks	14.8	1.343	6.342		6.34
	6.342 Gal	FRESH WATER							
	2 %	CALCIUM CHLORIDE - HI TEST PELLET (100005053)							
Calculated Values		Pressures		Volumes					
Displacement		Shut In: Instant		Lost Returns		Cement Slurry		Pad	
Top Of Cement		5 Min		Cement Returns		Actual Displacement		Treatment	
Frac Gradient		15 Min		Spacers		Load and Breakdown		Total Job	
Rates									
Circulating		Mixing		Displacement		Avg. Job			
Cement Left In Pipe	Amount	40 ft	Reason	Shoe Joint					
Frac Ring # 1 @	ID	Frac ring # 2 @	ID	Frac Ring # 3 @	ID	Frac Ring # 4 @	ID		
The Information Stated Herein Is Correct				Customer Representative Signature					

HALLIBURTON**Cementing Job Log****The Road to Excellence Starts with Safety**

Sold To #: 300741	Ship To #: 2378743	Quote #:	Sales Order #: 3423073
Customer: BASS ENTERPRISES PRODUCTION CO		Customer Rep:	
Well Name: James Ranch	Well #: #91	API/UMI #: 300153360100	
Field:	County/Parish: Eddy	State: New Mexico	
Legal Description:			
Lat: North 0.000 deg. OR North 0 deg. 0 min. 0 secs.		Long: East 0.000 deg. OR East 0 deg. 0 min. 0 secs.	
Contractor: Workover rig	Rig/Platform Name/Num: ?		
Job Purpose: Recement Service			Ticket Amount: \$ 0.00
Well Type: Development Well	Job Type: Cementing		
Sales Person: MOCKSFIELD, RICHARD	Svc Supervisor: THORNTON, WAYNE	MBU ID Emp #: 239067	
George			

Activity Description	Date/Time	Cht #	Rate bbl/min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Call Out	12/01/2004 04:00							
Pre-Convoy Safety Meeting	12/01/2004 04:50							
Crew Leave Yard	12/01/2004 05:00							
Arrive At Loc	12/01/2004 07:00							
Assessment Of Location Safety Meeting	12/01/2004 07:10							
Pre-Rig Up Safety Meeting	12/01/2004 07:20							
Rig-Up Equipment	12/01/2004 07:30							
Comment	12/01/2004 08:00							HES WAITING ON LOCATION BLACK WARRIOR WIRELINE RUNING PERFS GUN IN HOLE HAD A NO FIRE
Comment	12/01/2004 09:00							PERFS SHOT HES IS WAITING ON WORKSTRING TO BE RAN
Pre-Job Safety Meeting	12/01/2004 10:00							
Pressure Up Well	12/01/2004 10:24		1	2			500	
Pump Spacer 1	12/01/2004 10:30		3	52		400		
Pump Lead Cement	12/01/2004 10:46		3.5	62		748		120 SKS OF PERMIAN BASIN FILLER 1 11.4 PPG, 2.91 YIELD, 17.98 GAL/SK

Sold To #: 300741

Ship To #: 2378743

Quote #:

Sales Order #:

3423073

SUMMIT Version: 6.30.43

Wednesday, December 01, 2004 12:00:00

HALLIBURTON***Cementing Job Log***

Activity Description	Date/Time	Cmt #	Rate bbl/ min	Volume bbl		Pressure psig		Comments
				Stage	Total	Tubing	Casing	
Pump Tail Cement	12/01/2004 11:01		3.5	12		490		50 SKS OF PREMIAN PLUS 2% CACL2 14.8 PPG, 1.34 YIELD, 6.34 GAL/SK
Pump Displacement	12/01/2004 11:06							CIRCULATED 5 BBL (10 SKS) OF CEMENT TO PIT
Comment	12/01/2004 11:10		3	7.5			380	STING OUT OF RETAINER
Reverse Circ Well	12/01/2004 11:14							REVERSED 1 BBL (5 SKS) OF CEMENT TO PIT
Clean Lines	12/01/2004 11:20							
Post-Job Safety Meeting (Pre Rig-Down)	12/01/2004 11:50							
Rig-Down Equipment	12/01/2004 12:00							
Depart Location Safety Meeting	12/01/2004 13:50							
Crew Leave Location	12/01/2004 14:00							
Comment	12/01/2004 14:00							THANK YOU PAUL THORNTON AND CREW

Sold To #: 300741

Ship To #: 2378743

Quote #:

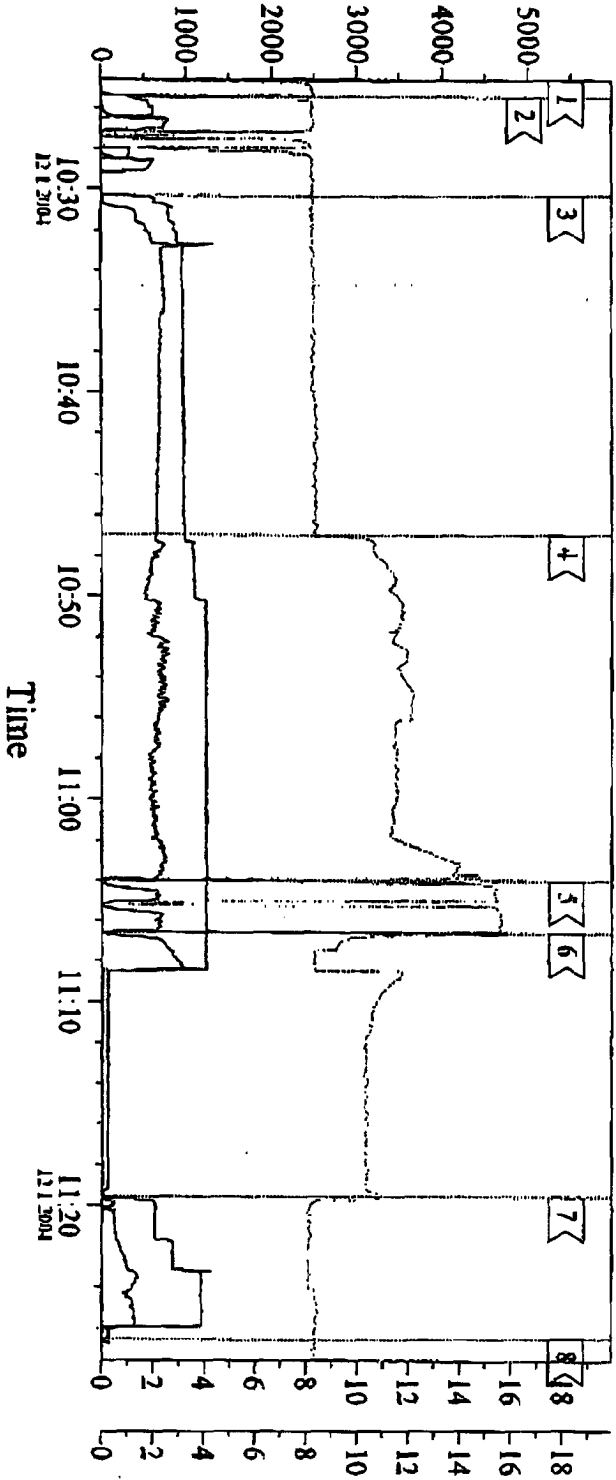
Sales Order #: 342307:

SUMMIT Version: 6.30.43

Wednesday, December 01, 2004 12:00:00

BASS ENTERPRISE RECEMENT CASING

PS Press (psi) _____ A Downhole Den (lb/gal) _____ B
Cmb Rate (bpm) _____ C



Event Log

- | | | | | | |
|--------------------------|----------|--------------------|----------|---------------------|----------|
| 1 Start Job | 10:24:40 | 2 Pressure Up Well | 10:25:29 | 3 Pump Spacer 1 | 10:30:21 |
| 4 Pump Lead Cement | 10:46:59 | 5 Pump Tail Cement | 11:04:00 | 6 Pump Displacement | 11:06:34 |
| 7 Reverse Circulate Well | 11:19:32 | 8 End Job | 11:26:36 | | |

Customer: BASS ENTERPRISE Job Date: 12-01-04 Ticket #: 3423073
Well Description: RECENT CASING LEASE: JONES RANCH WELL # 91

HALLIBURTON
CemWin v1.3.0
01-Dec-04 11:39