

RECEIVED

JUN 27 2003

Oil Conservation Division

PATRICK H. LYONS
COMMISSIONER



366

State of New Mexico
Commissioner of Public Lands

310 OLD SANTA FE TRAIL
P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766
www.nmstatelands.org

July 26, 2003

Bass Enterprises Production Company
201 Main Street, Suite 2900
Fort Worth, Texas 76102

Attention: Mr. Wayne Bailey

Re: Poker Lake Unit
Commercial Well Determination
Unit Well No. 182
SE/4NW/4 Sec. 7-24S-30E
Eddy County, New Mexico

Dear Mr. Bailey:

We are in receipt of your letter of May 16, 2003 together with the commercial determination data for the Poker Lake Unit Well No. 182.

The Bureau of Land Management, by their letter of June 19, 2003, advised this office that the Poker Lake Unit Well No 182 was determined to be capable of producing in paying quantities from the Delaware formation

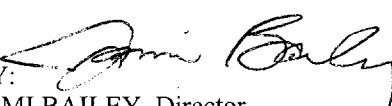
Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Poker Lake Unit Well No 182 is a commercial well in the Delaware formation and is entitled to participate in the Delaware Participating Area

Please submit an application for the appropriate expansion of the Delaware Participating Area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File,
OCD-Santa Fe, Attention: Mr. Roy Johnson
TRD-Santa Fe, Attention: Mr. Valdean Severson
BLM-Attention: Mr. Armando Lopez



PATRICK H. LYONS
COMMISSIONER

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Fax (505) 827-5766

www.nmstatelands.org

June 17, 2003

Bass Enterprises Production Company
201 Main Street, Suite 2900
Fort Worth, Texas 76102

Attention: Mr. Wayne Bailey

Re: Poker Lake Unit
Non-Commercial Well Determination
Atoka Formation
Well No. 153-G Sec. 6-24S-30E
Eddy County, New Mexico

Dear Mr. Bailey:

We are in receipt of your letter of April 16, 2003 together with the determination of non-commerciality data for the above referenced well.

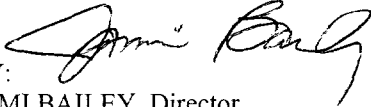
The Bureau of Land Management, by their letter of May 12, 2003, advised this office that they concur with your determination that the Poker Lake Unit Well No. 153 is not capable of producing unitized substances in paying quantities from the Atoka formation and is to be produced on a lease basis.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determination that the Poker Lake Unit Well No. 153 is a non-commercial Atoka well and is not entitled to be part of the Atoka participating area. Production from this formation should be produced on a lease basis.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

PATRICK H. LYONS
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
PL/JB/pm

pc: Reader File,
OCD-Santa Fe, Attention: Mr. Roy Johnson
TRD-Santa Fe, Attention: Mr. Valdean Severson
BLM-Attention: Mr. Armando Lopez

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JUN 19 2003

Oil Conservation Division

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

May 16, 2003

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez


New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 182
Nash Draw (Delaware) Field
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination worksheets and exhibits which indicate that the subject well is a commercial well and should be incorporated into the existing Delaware "C" Participating Area and that the above participating area should be expanded. In the near future, Bass will submit geological information and production data, including subsurface maps in order to substantiate an expansion of the participating area which will be referred to as the Fourth Revision. Please indicate your concurrence to the above Commercial Determination. Thank you very much and should you have any questions or comments in regard to the attached commercial determination, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

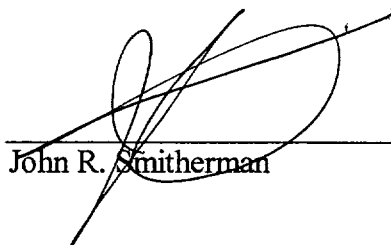
MAY 6, 2003

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT #182
NASH DRAW (DELAWARE) FIELD
EDDY COUNTY, NEW MEXICO
FILE: ~~100-12~~ CD PLU 182.doc
WF

LAND RECEIVED	
MAY 15 2003	
WRS _____	WWC _____
HBF _____	TL _____
LJL _____	DDC _____
JWB <input checked="" type="checkbox"/>	BSS _____

Attached are the worksheets and necessary exhibits for the subject well to be submitted for commercial determination. The Poker Lake Unit #182 was drilled in February 2003 to a total depth of 7440' and was completed in the Delaware and Avalon formations. The well is producing from perforations at 7046' to 7336'. On test 3/3/03 the well pumped at the rate of 139 BOPD, 117 MCFD, and 292 BWPD. This well is expected to recover approximately 43 MBO from the current completion.

The most recent price file was used for both oil and gas, RES2003MAY13.PRI, as was price adjustments supplied by BEPCO's Gas Marketing Department and Enertrade. An operating cost of \$2947 per month plus \$0.10/BW was also employed. The Poker Lake Unit #182 will be a commercial well and should be incorporated into the existing participating area.



John R. Smitherman

MLL
MLL *WBS*
cc: Wayne Bailey

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL	POKER LAKE UNIT #182				FORMATION	DELAWARE				
LOCATION	F	UNIT,	2030	FEET FROM	NORTH	LINE &	1980	FEET FROM	WEST	LINE
SECTION	7	TOWNSHIP	24S	RANGE	30E	COUNTY	EDDY	STATE		NM
SPUD DATE	2/1/2003		COMPLETION DATE	2/28/2003		INITIAL PRODUCTION	2/24/2003			
PERFORATIONS	7046'-60'(14 holes), 7185'-90'(5 holes) & 7316'-36'(20 holes)									

STIMULATION:

ACID	7046'-60': 1000 gallons 7-1/2% HCl, 7185'-90': 122 gallons 7-1/2% HCl
	7316'-36': 750 gallons 7-1/2" HCl
FRACTURE	7046'-7190': 74231 gallons Viking 3000, 185591# 16/30 Ottawa & 110066# 16/30 CR4000
	7316'-36': 31061 gallons Viking 3000, 68941# 16/30 Ottawa & 28000# 16/30 CR4000

POTENTIAL

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE		
Area (A) proration unit size, acres	40	_____	_____	_____
Porosity (por), %	13.0%	_____	_____	_____
Water Saturation (Sw), %	65%	_____	_____	_____
Net Thickness (h), ft.	25	_____	_____	_____
Temperature (T), Fahrenheit	120	_____	_____	_____
Bottom Hole Pressure (P), psia	3,092	_____	_____	_____
Recovery Factor (RF), %	15%	_____	_____	_____
Recoverable Oil, Bbls * (See eq. Below)	35,299	_____	_____	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF)

Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 4/30/2003 2,166 BBLs

PRODUCING

INITIAL RATE (qi) 139 BOPD IP, AV FIRST MO 70 BOPD
 ECONOMIC LIMIT (ql) 3
 DECLINE RATE, de (Hyperbolic, n=0.999) de=69%
 REMAINING OIL (Q)= 40,834
 ULTIMATE RECOVERABLE OIL 43,000

(Attach plot showing pro-ratio unit and participating area.)

ECONOMIC

WELL COST \$747,000 (to the depth of formation completed)
 RECOMPLETION COST \$0
 TOTAL COST \$747,000

<u>YEAR</u>	<u>GROSS OIL</u>	<u>REVENUE</u>	<u>OPERATING COST (Includes Sev. Tax & Ad Val Tax)</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				<u>(747,000)</u>
1	<u>13,700</u>	<u>476,700</u>	<u>66,800</u>	<u>390,000</u>
2	<u>7,600</u>	<u>337,100</u>	<u>62,700</u>	<u>238,200</u>
3	<u>4,800</u>	<u>212,100</u>	<u>53,900</u>	<u>124,200</u>
4	<u>3,500</u>	<u>147,200</u>	<u>49,700</u>	<u>69,300</u>
5	<u>2,700</u>	<u>116,200</u>	<u>47,800</u>	<u>43,900</u>
6	<u>2,300</u>	<u>96,000</u>	<u>46,800</u>	<u>28,600</u>
7	<u>1,900</u>	<u>81,700</u>	<u>46,300</u>	<u>18,700</u>
8	<u>1,700</u>	<u>71,200</u>	<u>45,900</u>	<u>12,000</u>
9	<u>1,500</u>	<u>63,100</u>	<u>45,800</u>	<u>7,400</u>
10	<u>1,300</u>	<u>56,600</u>	<u>46,000</u>	<u>4,200</u>
REMAINDER	<u>2,000</u>	<u>83,100</u>	<u>76,900</u>	<u>2,200</u>
TOTAL	<u>43,000</u>	<u>\$1,741,000</u>	<u>\$588,600</u>	<u>\$191,700</u>

WELL IS COMMERCIAL

LEASE: POKER LAKE UNIT

WELL #: 182

FIELD: NASH DRAW

LOCATION: 2030' FNL & 1980' FWL, SEC 7F, T24S, R30E

COUNTY: EDDY

ST: NM

API: 30-015-32128

SURFACE CASING

SIZE:	8-5/8"
WT/GRD:	28 & 32# J55
SET @:	999'
SX CMT:	570
CIRC:	YES 113SX CTS
TOC:	SURF
HOLE SIZE:	12-1/4" 0-1010'

PRODUCTION CASING

SIZE:	5-1/2"
WT/GRD:	15.5&17# J55, 17# L80
SET @:	7439'
SX CMT:	800 w/ZONESEAL & N ₂
CIRC:	YES
TOC:	3375' TS
HOLE SIZE:	7-7/8" 7440'

OPEN HOLE:

None

TUBING

2-7/8" 6.5# J55, TAC @ 6741'
SN @ 6838', w/ PS & MA

PUMPING UNIT

BETH 456-304-120, SL 100", SPM 10.5
50 hp motor
(Unit from Bash #2)

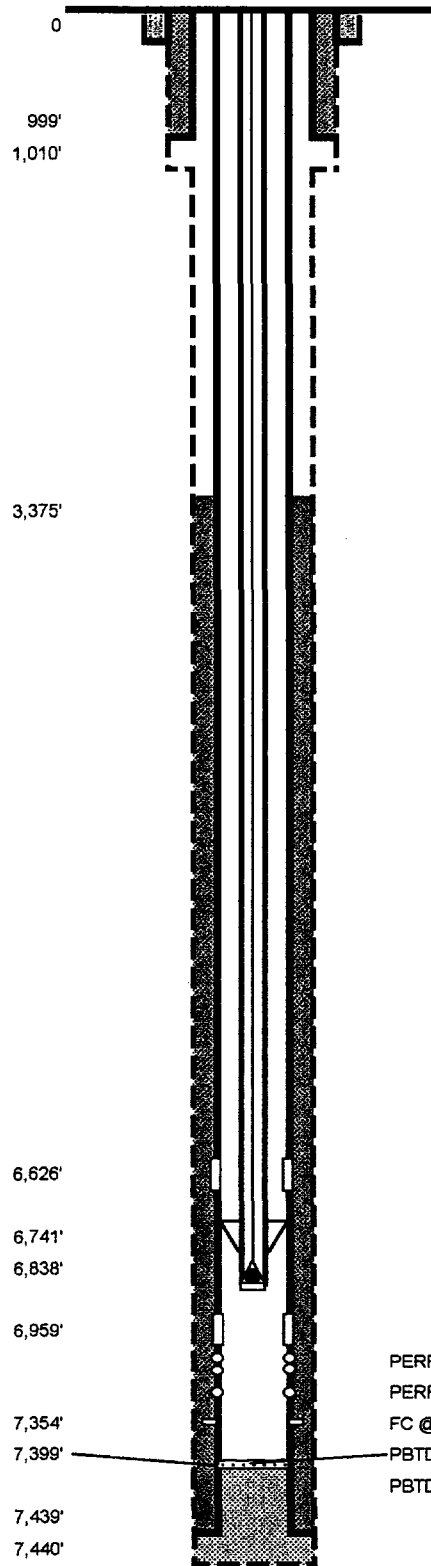
RODS & PUMP

2750', 110 1" x 25' TRICO D63
2000', 80 7/8" x 25' TRICO D63
2000', 80 3/4" x 25' TRICO D63
2-1/2" x 1-3/4" x 25' 3 tube pump

TREATMENTS

PERFS
7046'-60', A/ 1000g 7-1/2% HCl
7185'-90', A/ 122g 7-1/2% HCl
Frac 74kg Vik30, 186k# 16/30 Ottawa, & 110k# 16/30 CR4000
PERFS
7316'-36', A/750g 7-1/2% HCl
Frac 31kg Vik3000, 69k# 16/30 Ottawa, & 28k# 16/30 CR4000

KB: 3204'
GL: 3185'
SPUD DATE: 2/1/2003
COMP DATE: 2/28/2003



13-3/8" CONDUCTOR CSA 160' 17-1/2" HOLE 165'
8-5/8" CSA 999'
12-1/4" HOLE 1010'

* CURRENT *

TOC (TS)

Mkr Jt

TAC @ 6741'
SN @ 6838'

Mkr Jt

PERFS @ 7046'-60' & 7185'-90'
PERFS @ 7316'-36'
FC @ 7354'
PBTD (CIBP & sand) @ 7396'
PBTD (cmt) @ 7399'
5-1/2" CSA 7439'
7-7/8" HOLE

PBTD: 7399' cmt, 7396' CIBP & sand
TD: 7440' (DRL)

Updated: 5/7/2003
Author: KRA/MLL
Engr: MLL

WELL HISTORY
POKER LAKE UNIT #182
NASH DRAW (DELAWARE) FIELD
 UPDATED 05/06/03

LOCATION: 2030' FNL & 1980' FWL, SEC 7F, T24S, R30E
 EDDY COUNTY, NEW MEXICO

API #: 30-015-32128

ELEV: **GL:** 3185' **DF:** 3203' **KB:** 3204'

SPUD DATE: 02/01/03

COMP DATE: 02/28/03

ORIG TD: 7440'

CURRENT TD: 7440'

ORIG PBTD: 7399'

CURRENT PBTD: 7396'

CASING:

DATE	SIZE	WT	GRD	CSA	SX	CLASS	TOC	HOLE SIZE	HOLE DEPTH
02/01/03	13-3/8"	48#	WC40 H-40	160'	250	PREM+	CIRC	17-1/2"	165'
02/03/03	8-5/8"	28# 32#	J-55	0-963' 963-999'	320 250	PB CRIT ZONE PREM+	244'	12-1/4"	1010'
02/13/03	5-1/2"	15.5# 17# 17# 17# 17#	J-55 J-55 L-80 J-55 L-80 J-55	0-6381' 6381-6626' 6626-6643' 6643-6958' 6958-6979' 6979-7439'	800	PREM+	3375' (TS)	7-7/8"	7440'
	MRK JT								
	MRK JT								

OPEN HOLE:

DATE	HOLE SIZE	HOLE DEPTH
		NONE

TUBING: 2-7/8" 6.5# J-55, SN @ 6838'

DST: NONE

CORES: NONE

LOST RETURNS & SHOWS:

02/10/03 SHOWS: 1) 6736-6749' ROP:3.5/1.25/3; GAS:20/95/35; FLUO: no show in sample.

02/11/03 SHOWS: 2) 6990-7000' ROP:1.6/1/3; GAS:67/92/49; FLUO:10% dul ylw/gld; CUT: tr slw blmg wet.

3) 7020-7030' ROP:2.2/1.5/2.3; GAS:67/122/93; FLUO:15% dul ylw/gld; CUT: sli tr wet.

4) 7308-7338' ROP:3.5/2/3.75; GAS:75/185/55; FLUO:20% ple ylw; CUT: tr modstrmg wet.

LOGS:

DATE	LOG	COMPANY	LOGGERS TD
02/12/03	PLTFRM EXPRS/AIT	SCHLUMBERGER	7434'

INITIAL COMPLETION

- 02-17-03 Set Bethlehem 456-304-120 with 50 Hp motor (from Bash #2). Drilled out float collar and weak cmt to PBDT @ 7399'. Spotted 750 gals of double inhibited 7-1/2% NEFE HCl acid. Perf @ 7316-7336', 20 holes. Broke down perfs with 844 psi. Pumped acid away with 32 bbls of 2% KCL @ 10 BPM & 927 psi. SD. ISIP – 630 psi; 5 mins – 524 psi; 10 mins – 495 psi; 15 mins – 475 psi.
- 02-20-03 RU BJ Services. Frac perfs @ 7316-7336' with 31,061 gals Viking 3000 + 68,941 lbs 16/30 Ottawa + 28,000 lbs 16/30 CR-4000 as follows. Set CIBP @ 7240'. Perf 7046-60', 14 holes. Broke down perfs using spotted acid from frac's flush with 2700 psi. Flush acid with 28 bbls of 2% KCl @ 9 BPM & 1700 psi. Perf 7185-90', 5 holes. PU 5-1/2" retrievable pkr & RIH with 2-7/8" J-55 tbg. Set pkr @ 7163'. Broke down perfs using spotted acid with 2997 psi. Flush acid with 28 bbls of 2% KCL @ 9 BPM & 2390 psi. SD. ISIP – 305 psi. Bled off pressure. POOH. Frac perfs @ 7046-60' & 7185-90' with 74,231 gals Viking 3000 + 185,591 lbs 16/30 Ottawa + 110,066 lbs 16/30 CR-4000.
- 02-21-03 Tag top of sand @ 7060'. Wash sand to CIBP @ 7240' observing 500 psi as max pressure. Lost 50 bbls 2% KCl to formation. Drilled out CIBP with 90% returns. Fell free to 7396'. POOH.
- 02-22-03 PU 1 jt 2-7/8" prod tbg with BP & collar, 2-7/8" x 4' perf sub, 2-7/8" mech SN, 2-7/8" x 3' stainless steel sub, 3 jts 2-7/8" prod tbg, 5-1/2" x 2-7/8" TAC and RIH with 221 jts 2-7/8" prod tbg. Land EOT @ 6874' (172' above top perf). ND BOPE and land TAC with 17,000# tension.
- 02-24-03 RIH with (80) 3/4", (80) 7/8" and (110) 1" x 25' Trico D63 sucker rods. Space out pump and NU WH. NU flowline and place well on prod @ 1-3/4" pump x 100" SL x 10.5 SPM (2047 BUL).
- 02-26-03 On 24 hr test: (P) 0 BO + 219 BW + 0 MCF.
- 02-27-03 On 24 hr test: (P) 0 BO + 153 BW + 0 MCF. Well not pumping this a.m. Bump well and regained pump action.
- 02-28-03 On 24 hr test: (P) 106 BO + 576 BW + 82 MCF.
- 03-01-03 On 24 hr test: (P) 128 BO + 120 BW + 156 MCF. Water meter fouled.
- 03-02-03 On 24 hr test: (P) 155 BO + 308 BW + 160 MCF.
- 03-03-03 On 24 hr test: (P) 139 BO + 292 BW + 117 MCF.
- 03-04-03 On 24 hr test: (P) 128 BO + 279 BW + 141 MCF. Load recovered.
- 03-05-03 On 24 hr test: (P) 105 BO + 175 BW + 118 MCF. Down 4 hrs electrical.
- 03-06-03 On 24 hr test: (P) 88 BO + 152 BW + 137 MCF.
- 03-07-03 On 24 hr test: (P) 98 BO + 172 BW + 143 MCF.
- 03-08-03 On 24 hr test: (P) 84 BO + 149 BW + 140 MCF.
- 03-09-03 On 24 hr test: (P) 79 BO + 147 BW + 127 MCF.
- 03-10-03 On 24 hr test: (P) 79 BO + 131 BW + 133 MCF.
- 03-11-03 On 24 hr test: (P) 81 BO + 128 BW + 113 MCF. BOL – 1186.

Date: 05/06/2003
 Time:
 DBS: PROPZONE
 Settings: RES2003
 Scenario: BUD03

I N I T I A L C A L C U L A T E D D A T A

I N P U T D A T A

ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 START	03/2003							
401 OIL	2432.60 X B/M	51.61 IMU	B/0.999	51.614	9/2025	89.2	2433.	47.
402 GAS/OIL	1.56 1.56 M/B	3.00 MOS	LOG		5/2003			
403 "	1.56 5.67 M/B	9.00 MOS	LOG		11/2003			
404 "	5.67 8.66 M/B	16.00 MOS	LOG		6/2004			
405 "	8.66 8.66 M/B	30.00 YRS	LOG		2/2033			
406 WTR	4772.80 X B/M	6.00 MOS	B/0.9	20.463	8/2003	82.5	4773.	2505.
407 "	X 172.17 B/M	X YRS	B/0.9	654.338	9/2025	10.4	2505.	176.
600 PRI/OIL	1/2001 29.43 29.76 27.29 #/M				3/2001			
601 "	X 27.62 28.70 27.62 26.56 27.31 #/M				8/2001			
603 "	X 26.44 22.21 19.67 19.46 #/M				12/2001			
604 "	X 19.70 20.80 24.52 26.13 26.97 #/M				5/2002			
605 "	25.61 25.61 \$/B	07/2002 AD	FLAT		6/2002		25.610	25.610
606 "	26.99 26.99 \$/B	08/2002 AD	FLAT		7/2002		26.990	26.990
607 "	28.15 28.15 \$/B	09/2002 AD	FLAT		8/2002		28.150	28.150
608 "	29.68 29.68 \$/B	10/2002 AD	FLAT		9/2002		29.680	29.680
609 "	28.88 28.88 \$/B	11/2002 AD	FLAT		10/2002		28.880	28.880
610 "	26.29 26.29 \$/B	12/2002 AD	FLAT		11/2002		26.290	26.290
611 "	29.45 29.45 \$/B	01/2003 AD	FLAT		12/2002		29.450	29.450
612 "	32.76 32.76 \$/B	02/2003 AD	FLAT		1/2003		32.760	32.760
613 "	35.63 35.63 \$/B	03/2003 AD	FLAT		2/2003		35.630	35.630
614 "	33.22 33.22 \$/B	04/2003 AD	FLAT		3/2003		33.220	33.220
615 "	28.37 28.37 \$/B	05/2003 AD	FLAT		4/2003		28.370	28.370
616 "	26.00 26.00 \$/B	06/2003 AD	FLAT		5/2003		26.000	26.000
617 "	25.00 25.00 \$/B	07/2003 AD	FLAT		6/2003		25.000	25.000
618 "	25.00 25.00 \$/B	08/2003 AD	FLAT		7/2003		25.000	25.000
619 "	25.00 25.00 \$/B	09/2003 AD	FLAT		8/2003		25.000	25.000
620 "	25.00 25.00 \$/B	10/2003 AD	FLAT		9/2003		25.000	25.000
621 "	25.00 25.00 \$/B	11/2003 AD	FLAT		10/2003		25.000	25.000
622 "	25.00 25.00 \$/B	12/2003 AD	FLAT		11/2003		25.000	25.000
623 "	25.00 25.00 \$/B	01/2004 AD	FLAT		12/2003		25.000	25.000
624 "	23.00 23.00 \$/B	TO LIFE	FLAT		9/2025		23.000	23.000
626 PRI/GAS	1/2001 9.91 6.22 5.03 5.35 #/M				4/2001			
627 "	X 4.87 3.72 3.16 3.19 2.34 1.86 #/M				10/2001			
629 "	X 3.16 2.28 #/M				12/2001			
630 "	X 2.61 2.03 2.39 3.4 3.36 #/M				5/2002			
631 "	3.37 3.37 \$/M	07/2002 AD	FLAT		6/2002		3.370	3.370
632 "	3.26 3.26 \$/M	08/2002 AD	FLAT		7/2002		3.260	3.260
633 "	2.95 2.95 \$/M	09/2002 AD	FLAT		8/2002		2.950	2.950
634 "	3.27 3.27 \$/M	10/2002 AD	FLAT		9/2002		3.270	3.270
635 "	3.72 3.72 \$/M	11/2002 AD	FLAT		10/2002		3.720	3.720
636 "	4.13 4.13 \$/M	12/2002 AD	FLAT		11/2002		4.130	4.130
637 "	4.13 4.13 \$/M	01/2003 AD	FLAT		12/2002		4.130	4.130
638 "	4.96 4.96 \$/M	02/2003 AD	FLAT		1/2003		4.960	4.960
639 "	5.66 5.66 \$/M	03/2003 AD	FLAT		2/2003		5.660	5.660
640 "	9.11 9.11 \$/M	04/2003 AD	FLAT		3/2003		9.110	9.110
641 "	5.14 5.14 \$/M	05/2003 AD	FLAT		4/2003		5.140	5.140

Item	5.12	5.12 \$/M	06/2003 AD	0.00	5/2003	5.120	5.120
642 "	5.12	5.12 \$/M	06/2003 AD	0.00	5/2003	5.120	5.120
643 "	5.38	5.38 \$/M	07/2003 AD	0.00	6/2003	5.380	5.380
644 "	4.60	4.60 \$/M	01/2004 AD	0.00	12/2003	4.600	4.600
645 "	3.83	3.83 \$/M	01/2005 AD	0.00	12/2004	3.830	3.830
646 "	3.53	3.53 \$/M	01/2006 AD	0.00	12/2005	3.530	3.530
647 "	3.28	3.28 \$/M	TO LIFE	0.00	9/2025	3.280	3.280
648 PRI/NGL	0.3500	0.3500 \$/B	TO LIFE	0.00	9/2025	0.350	0.350
650 PAJ/OIL	0.19	X \$/B	TO LIFE	0.00	9/2025	0.191	0.191
652 PAJ/GAS	-0.80	X \$/M	TO LIFE	0.00	9/2025	-0.800	-0.800
653 ATX	0.21	0.21 %	TO LIFE	0.00	2/2003	0.002	0.002
654 STX/OIL	7.00	X %	TO LIFE	0.00	9/2025	0.070	0.070
656 STX/GAS	7.00	X %	TO LIFE	0.00	9/2025	0.070	0.070
657 OPC/T	2947.00	X \$/M	TO LIFE	ESC ROR1	9/2025	2947.000	2947.000
658 OPC/WTR	0.10	X \$/B	TO LIFE	ESC ROR1	9/2025	0.100	0.100
705 LSE/WI	100.0000	D %	TO LIFE	FLAT	9/2025	1.000	1.000
720 NET/OIL	84.5000	D %	TO LIFE	FLAT	9/2025	0.845	0.845
740 NET/GAS	84.5000	D %	TO LIFE	FLAT	9/2025	0.845	0.845
780 LSE/NPI	0.0000	D %	TO LIFE	FLAT	9/2025	0.000	0.000

OVERLAYS	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
900 OIL	03/2003 2166.32 #			2.166	3/2003			
901 GAS	03/2003 3385 #			3.385	3/2003			

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 DRILL	12.50 368.00 M\$G	-1.00 MOS	RISK X	380.500	2/2003	0	380.5	380.5
801 COMPL	100.00 266.50 M\$G	-1.00 MOS	RISK X	366.500	2/2003	0	366.5	366.5

MISC. PARAMETERS

Item

201 BTU 1.25

250 LOSS NO

PROJECT RUN SETTINGS

Base Date : 02/2003 Time Frames : 11,48*12,613

P.W. Date : 02/2003 Primary PW% : 10.0 Discount Freq. : 365.

Report Date : 02/2003

Qualifiers : Prod = BUDGET Price = BUDGET Cost = BUDGET Owner = 99999

Title = BUDGET Misc = BUDGET Invest = BUDGET Overlay = BUDGET

NET/WTR NET/OIL

DATE : 05/06/2003
 TIME :
 DBS : PROFZONE
 SETTINGS : RES2003
 SCENARIO : BUD03

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 02/2003

PERIOD ENDING 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 12/2011 12/2012 S TOT AFTER TOTAL 11.6 YR

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500

INVESTMENTS, M\$
 3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 747.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 747.0 0.0 0.0 747.0
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 747.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 747.0 0.0 0.0 747.0

OIL PHASE
 8) GROSS OIL, MB 13.7 7.6 4.8 3.5 2.7 2.3 1.9 1.7 1.5 1.3 40.9 2.0 42.9
 9) NET OIL, MB 11.6 6.4 4.0 2.9 2.3 1.9 1.6 1.4 1.3 1.1 34.6 1.7 36.3
 10) OIL REVENUE, M\$ 313.3 148.0 93.2 68.2 53.8 44.5 37.9 33.0 29.2 26.2 847.4 38.5 885.9
 11) OIL PRICE, \$/B 27.08 23.19 23.19 23.19 23.19 23.19 23.19 23.19 23.19 23.19 24.49 23.19 24.43

GAS PHASE
 12) GROSS GAS, MMF * 35.4 59.1 41.2 30.2 23.8 19.7 16.7 14.6 12.9 11.6 265.1 17.0 282.1
 13) NET GAS, MMF 29.9 49.9 34.8 25.5 20.1 16.6 14.1 12.3 10.9 9.8 224.0 14.4 238.4
 14) GAS REVENUE, M\$ 163.4 189.1 118.8 79.0 62.3 51.5 43.9 38.2 33.8 30.4 810.4 44.6 855.0
 15) GAS PRICE, \$/MCF 5.464 3.787 3.412 3.100 3.100 3.100 3.100 3.100 3.100 3.100 3.617 3.100 3.586

ECONOMICS, M\$
 19) GROSS REV. TO INTR. * 476.7 337.1 212.1 147.2 116.2 96.0 81.7 71.2 63.1 56.6 1657.8 83.1 1740.9
 20) - SEV. TAX 33.4 23.6 14.8 10.3 8.1 6.7 5.7 5.0 4.4 4.0 116.0 5.8 121.9
 21) - AD VALOREM TAX * 0.9 0.7 0.4 0.3 0.2 0.2 0.2 0.1 0.1 0.1 3.2 0.2 3.4
 22) - OPERATING COSTS 32.5 38.4 38.7 39.1 39.5 39.9 40.4 40.8 41.3 41.9 392.6 70.9 463.5
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 409.9 274.4 158.1 97.5 68.3 49.1 35.5 25.2 17.2 10.7 1145.9 6.2 1152.1
 29) - INVESTMENTS & RSK 747.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 747.0 0.0 747.0
 30) = BFIT NET -337.1 274.4 158.1 97.5 68.3 49.1 35.5 25.2 17.2 10.7 398.9 6.2 405.1

PRESENT WORTH @ 10.00 %
 31) NET INCOME 390.0 238.2 124.2 69.3 43.9 28.6 18.7 12.0 7.4 4.2 936.6 2.2 938.8
 32) INVESTMENTS & RISK 747.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 747.0 0.0 747.0
 33) BFIT NET * -357.0 238.2 124.2 69.3 43.9 28.6 18.7 12.0 7.4 4.2 189.6 2.2 191.8
 34) CUM BFIT NET -357.0 -118.7 5.4 74.8 118.7 147.3 166.0 178.0 185.5 189.6 189.6 191.8 191.8

DATE : 05/06/2003
 TIME :
 DBS : PROPZONE
 SETTINGS : RES2003
 SCENARIO : BUD03

A F T E R T A X E C O N O M I C S

AS OF DATE: 02/2003

PERIOD ENDING 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 12/2011 12/2012 S TOT AFTER TOTAL 11.6 YR

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	634.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	634.5	0.0	0.0	634.5			
2) DEPLETABLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
3) DEPRECIABLE	112.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	112.5

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	476.7	337.1	212.1	147.2	116.2	96.0	81.7	71.2	63.1	56.6	1657.8	83.1	1740.9
5) - SEVERANCE TAX	33.4	23.6	14.8	10.3	8.1	6.7	5.7	5.0	4.4	4.0	116.0	5.8	121.9
6) - OPR. COSTS & ATX	33.4	39.1	39.2	39.4	39.7	40.1	40.5	41.0	41.5	42.0	395.8	71.1	466.9
7) - NFI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NFI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	634.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	634.5	0.0	634.5
11) - DEPRECIATION	14.6	26.7	20.3	14.5	10.4	10.0	10.0	5.9	0.0	0.0	112.5	0.0	112.5
12) = NET	-239.2	247.7	137.7	83.0	57.9	39.1	25.4	19.4	17.2	10.7	398.9	6.2	405.1
13) - DEPLETION TAKEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-239.2	247.7	137.7	83.0	57.9	39.1	25.4	19.4	17.2	10.7	398.9	6.2	405.1
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-81.3	84.2	46.8	28.2	19.7	13.3	8.7	6.6	5.8	3.6	135.6	2.1	137.7
19) REVENUE-SEV	443.3	313.5	197.2	136.9	108.0	89.2	76.0	66.2	58.7	52.6	1541.7	77.3	1619.0
20) - OPR. COSTS & ATX	33.4	39.1	39.2	39.4	39.7	40.1	40.5	41.0	41.5	42.0	395.8	71.1	466.9
21) - NFI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NFI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-81.3	84.2	46.8	28.2	19.7	13.3	8.7	6.6	5.8	3.6	135.6	2.1	137.7
24) = A.F.I.T.	491.2	190.2	111.2	69.3	48.6	35.8	26.8	18.6	11.3	7.1	1010.3	4.1	1014.4
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	491.2	190.2	111.2	69.3	48.6	35.8	26.8	18.6	11.3	7.1	1010.3	4.1	1014.4
28) - INVESTMENTS & RSK	747.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	747.0	0.0	747.0
29) = A.F.I.T. NET	-255.8	190.2	111.2	69.3	48.6	35.8	26.8	18.6	11.3	7.1	263.3	4.1	267.4

PRESENT WORTH @ 10.00 %

30) NET INCOME	467.4	165.1	87.4	49.3	31.3	20.9	14.1	8.9	4.9	2.8	852.0	1.4	853.4
31) INVESTMENTS & RISK	747.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	747.0	0.0	747.0
32) A.F.I.T. NET	-279.6	165.1	87.4	49.3	31.3	20.9	14.1	8.9	4.9	2.8	105.0	1.4	106.4
33) CUM. A.F.I.T. NET	-279.6	-114.5	-27.1	22.2	53.5	74.3	88.5	97.4	102.2	105.0	105.0	106.4	106.4

DATE : 05/06/2003
 TIME :
 DBS : PROPZONE
 SETTINGS : RES2003
 SCENARIO : BUD03

E C O N O M I C I N D I C A T O R S

AS OF DATE: 02/2003

	B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	405.096	267.364	405.096
5.	287.806	179.275	253.646
10.	191.779	106.422	143.398
15.	111.902	45.189	58.721
20.	44.493	-7.041	-8.898
25.	-13.141	-52.182	-64.506
30.	-62.995	-91.659	-111.294
35.	-106.568	-126.546	-151.386
40.	-145.005	-157.660	-186.254
50.	-209.811	-210.976	-244.262
60.	-262.453	-255.234	-290.929
70.	-306.162	-292.763	-329.554
80.	-343.097	-325.128	-362.222
90.	-374.760	-353.417	-390.323
100.	-402.227	-378.419	-414.825

WILL IS COMMERCIAL

PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

	23.9	19.3
RATE OF RETURN, PCT.	23.9	19.3
UNDISCOUNTED PAYOUT, YRS.	2.31	2.51
DISCOUNTED PAYOUT, YRS.	2.87	3.47
UNDISCOUNTED NET/INVEST.	1.54	1.36
DISCOUNTED NET/INVEST.	1.26	1.14

NOTES

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC068545

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

2. Name of Operator: BASS ENTERPRISES PRODUCTION CO
 Contact: TAMI WILBER
 E-Mail: twilber@basspet.com

3. Address: P. O. BOX 2760
 MIDLAND, TX 79702
 3a. Phone No. (include area code)
 Ph: 915.683.2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface: SENW 2030FNL 1980FWL
 At top prod interval reported below: SENW 2030FNL 1980FWL
 At total depth: SENW 2030FNL 1980FWL

6. If Indian, Allottee or Tribe Name
 7. Unit or CA Agreement Name and No.
 NMNM71016X
 8. Lease Name and Well No.
 POKER LAKE UNIT 182
 9. API Well No.
 30-015-32128
 10. Field and Pool, or Exploratory
 NASH DRAW (DELAWARE)
 11. Sec., T., R., M., or Block and Survey
 or Area: Sec 7 T24S R30E Mer NMP
 12. County or Parish: EDDY
 13. State: NM
 14. Date Spudded: 02/01/2003
 15. Date T.D. Reached: 02/12/2003
 16. Date Completed: D & A Ready to Prod.
 02/28/2003
 17. Elevations (DF, KB, RT, GL)*
 3185 GL

18. Total Depth: MD 7440 TVD
 19. Plug Back T.D.: MD 7356 TVD
 20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
 PE:TD-LD CN GR; PE:AIT M-CFL GR
 22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17.500	13.375 WC-40	48.0	0	160		250		0	0
12.250	8.625 J-55	32.0	0	999		674		0	0
7.875	5.500 J-55	15.5	0	7440		800		3385	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6874							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7046	7336	7316 TO 7336		20	PRODUCING
B)			7046 TO 7060		14	PRODUCING
C)			7185 TO 7190		5	PRODUCING
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7316 TO 7336	FRAC W/ 31,061 GALS V3000+68,941# 16/30 OTTAWA+28,000# 16/30 CR-4000
7046 TO 7190	FRAC W/ 74,231 GALS V3000+185,591# 16/30 OTTAWA+110,066# 16/30 CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/01/2003	03/03/2003	24	→	139.0	117.0	292.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
W/O	40	225	→	139	117	292	841	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Cvg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				T/SALT	555
				B/SALT	3240
				T/LAMAR	3441
				T/RAMSEY SAND	3481
				T/LWR BRUSHY CANYON U SAND	6947
				T/LWR BRUSHY CANYON Y SAND	7113
				T/BONE SPRING LIME	7206

32. Additional remarks (include plugging procedure):

Spud well @ 3:00 a.m. on 2/1/03. Drilled 17-1/2" hole to 165' 2/1/03.
 Ran 4 jts 13-3/8" 48# WC-40 ST&C casing set @ 160'.
 Cement w/250 sx Prem Plus w/additives, circ to surface. WOC 8-1/2 hours.
 Ran 22 jts 8-5/8" 28/32# J-55 LT&C casing set @ 999'.
 Cement w/ 320 sx PBCZ w/additives. Tail w/ 250 sx Prem Plus w/additives.
 WOC 6 hrs. PU 1" & tag TOC @ 244'. Cement w/104 sx Prem Plus, circ to surface.
 Drilled 7-7/8" hole to 7440' 2/12/03
 Ran 168 jts 5-1/2" 17#/15.5# J55/L80 LT&C casing set @ 7440'.

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd.)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7 Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #18892 Verified by the BLM Well Information System.
 For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad

Name (please print) TAMI WILBER Title AUTHORIZED REPRESENTATIVE

Signature _____ (Electronic Submission) Date 03/27/2003

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

Additional data for transaction #18892 that would not fit on the form

32. Additional remarks, continued

Cement w/ 800 sx Prem Plus w/additives. Plug down @ 11:20 p.m. 2/12/03
TOC @ 3385' TS. Released rig 8:00 a.m. 2/13/03.
Prep for completion.

DISTRICT I
1225 N. French Dr., El Paso, NM 88501

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1100 W. Broadway, El Paso, NM 88501

DISTRICT IV
2840 South Parkway, Santa Fe, NM 87506

State of New Mexico
Oil and Gas Conservation Division

Form 1-102
Revised March 17, 1999

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

OIL CONSERVATION DIVISION

2040 South Parkway
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAN

API Number	Pool Code	Pool Name
	47545	Nash Draw (Delaware)
Property Code	Property Name	Well Number
001796	POKER LAKE UNIT	182
OGRED No.	Operator Name	Elevation
001801	BASS ENTERPRISES PRODUCTION COMPANY	3182'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	7	24 S	30 E		2030	NORTH	1980	WEST	EDDY

Bottom Hole Location if Different From Surface

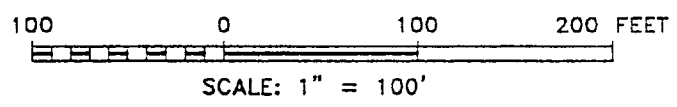
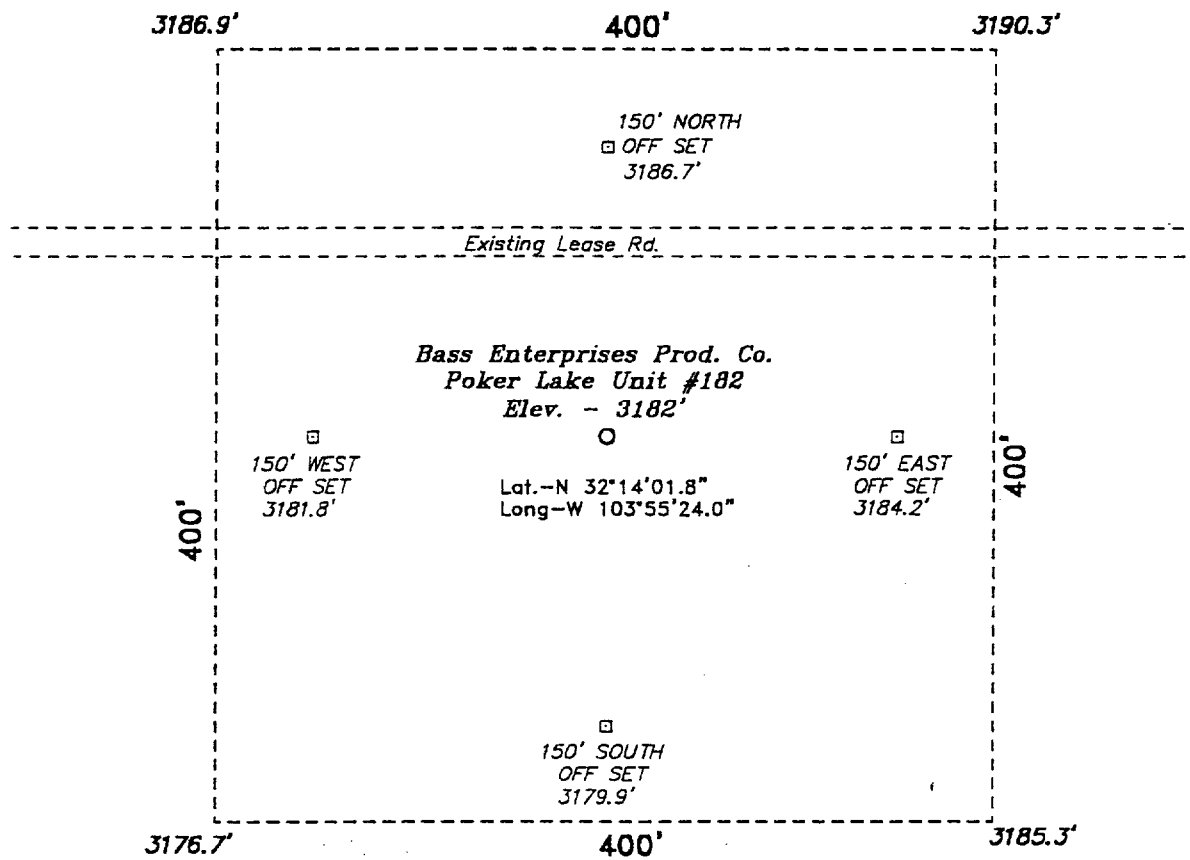
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>William R. Dannels</i> Signature</p> <p>William R. Dannels Printed Name</p> <p>Division Drilling Supt. Title</p> <p>21 August 2001 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>May 8, 2001 Date Surveyed</p> <p>G. L. JONES Signature</p> <p>Professional Surveyor Title</p> <p>7997 W.O. No.</p> <p>Certification No. 7977</p> <p>BASS SURVEYS</p>
	<p>LOT 1 - 40.16 ac.</p>
	<p>LOT 2 - 40.08 ac.</p>
<p>LOT 3 - 40.00 ac.</p>	
<p>LOT 4 - 39.92 ac.</p>	

SECTION 7, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:
 FROM THE JUNCTION OF STATE HWY 128 & CO. RD. 793, GO SOUTH AND WEST ON CO. RD. 793 APPROX. 4.0 MILES TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 4.5 MILES TO A LEASE ROAD; THENCE WEST ON LEASE ROAD APPROX. 0.75 MILE TO A POINT 50 FEET NORTH OF THE PROPOSED WELL PAD.

BASS ENTERPRISES PRODUCTION CO.	
REF: Poker Lake Unit No. 182 / Well Pad Topo	
THE POKER LAKE UNIT No. 182 LOCATED 1980' FROM THE NORTH LINE AND 1980' FROM THE WEST LINE OF SECTION 7, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.	

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

W.O. Number: 1307 Drawn By: **K. GOAD**

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

April 17, 2003

**EXPRESS MAIL/
Return Receipt Requested**

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Ed L. Roberson

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Roy Johnson

Re: 2003 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 2003.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

2002 ACTIVITY

Poker Lake Unit Well No. 156 – This well was drilled at a legal location being 660' FSL, 1,980' FEL Section 6 T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware (Lower Brushy Canyon) Formation as an oil well in the interval between 7,372' - 7,382'.

Poker Lake Unit Well No. 158 – This well was drilled at a legal location being 660' FNL, 660' FEL Section 7 T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware (Lower Brushy Canyon) Formation as an oil well in the interval between 7,255' - 7,264'.

Poker Lake Unit Well No. 159 – This well was drilled at a legal location being 860' FNL, 1,980' FEL Section 7 T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware (Lower Brushy Canyon Formation) as an oil well.

PARTICIPATING AREAS

Bass has submitted Commercial Determinations for all productive wells for which same have not been prepared in the past and will submit wells drilled to date where adequate information is available for commercial determination and participating areas. In the event you have not received commercial determination for the wells that have been drilled and completed and are currently producing, please advise at your convenience and we will submit same to you.

Plan of Development – PLU – 2003

April 17, 2003

Page 2

FUTURE DEVELOPMENT

Poker Lake Unit Well No. 164 – This well will be drilled at a legal location being 1,980' FSL & 1,980' FWL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware Formation.

Poker Lake Unit Well No. 167 – This well will be drilled at a legal location being 1,980' FNL & 660' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,700' to test the Delaware Formation.

Poker Lake Unit Well No. 177 – This well will be drilled at a legal location being 660' FSL & 1,980' FWL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,640' to test the Delaware Formation.

Poker Lake Unit Well No. 180 – This well will be drilled at a legal location being 1,880' FNL & 760' FEL, Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware Formation.

Poker Lake Unit Well No. 181– This well will be drilled at a legal location being 1,980' FNL & 1,990' FEL, Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,410' to test the Delaware Formation.

Poker Lake Unit Well No. 182– This well will be drilled at a legal location being 1,930' FNL & 1,980' FEL', Section 8, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,500' to test the Delaware Formation.

Poker Lake Unit Well No. 184– This well will be drilled at a legal location being 1,700' FNL & 1,850' FWL', Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,430' to test the Delaware Formation.

Poker Lake Unit Well No. 190– This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL', Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,580' to test the Delaware Formation.

Poker Lake Unit Well No. 191– This well will be drilled at a legal location being 1,980' FEL & 660' FEL', Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,500' to test the Delaware Formation.

Poker Lake Unit Well No. 196– This well will be drilled at a legal location being 1,980' FSL & 2,310' FEL', Section 29, T24S-R31E, Eddy County, New Mexico to a proposed depth of 15,550' to test the Wolfcamp Formation.

Other Development – Please refer to Bass' Amended 2002 Plan of Development dated July 9, 2002 which identified numerous potential new wells. Bass will continue to pursue these potential opportunities based upon our ongoing geological review and the product price levels in 2003.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands covered by the Poker Lake Unit Agreement or pursuant to applicable regulations.

MODIFICATIONS


In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This Plan of Development shall become effective on January 1, 2003.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 22nd day of April, 2003.

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

April 16, 2003

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Roy Johnson

Re: Determination of Non-Commerciality
Atoka Formation
Poker Lake Unit No. 153
Eddy County, New Mexico

Gentlemen:

Please find attached hereto worksheets and pertinent information explaining that the referenced well is not a commercial producer in the Atoka Formation. This determination is limited to the Atoka Formation only. The Poker Lake Unit No. 153 was drilled and completed in the Morrow Formation on June 14, 2001. An additional completion was made in the Atoka Formation on February 5, 2003, and the well is now producing from both zones. Should you be in agreement that the Atoka completion is not commercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience. Should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671.

Very truly yours,


J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this _____ day of _____, 2003.

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

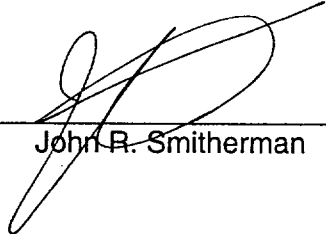
April 7, 2003

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: POKER LAKE UNIT #153
COMMERCIAL DETERMINATION
REMUDA BASIN (ATOKA) FIELD
EDDY COUNTY, NEW MEXICO
FILE: 100-WF: PLU#153 Com Determ.xls
R

LAND RECEIVED	
APR 1 2003	
WRS _____	WWC _____
HBFB _____	TL _____
LJL _____	DDC _____
JWB _____	BSS _____

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Poker Lake Unit #153 was drilled and completed in the Morrow on June 14, 2001. It was subsequently recompleted uphole to the Atoka on February 5, 2003. The well is currently producing from Atoka perforations at 12,848'-12,860'. The IP in the Atoka was 0 bopd + 106 bwpd + 5440 mcfpd. Ultimate recovery from the Atoka is expected to be 529,500 mcf. The most current price file (JLS022003.PRI) was used resulting in a realized 2003 gas price average of \$5.28 per mcf. An operating cost equal to the actual operating cost for the Morrow zone in 2002 of \$831 per month was assumed. The capital investment required to drill and complete this well to the Atoka was estimated to be \$2,000,000. The resulting economics indicate a present worth value at 0% discount rate of -\$32,244. This well is not commercial.

KEB
KEB/mwd
MWD



John R. Smitherman

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL POKER LAKE UNIT #153 FORMATION ATOKA

LOCATION G UNIT, 1830 FEET FROM N LINE & 1980 FEET FROM E LINE

SECTION 6 TOWNSHIP 24S RANGE 30E COUNTY EDDY NEW MEXICO

SPUD DATE 01/13/2003 COMPLETION DATE 02/05/2003 INITIAL PRODUCTION 0 BOPD, 106 BWPD, 5440 MCFPD

PERFORATIONS 12848' - 12860' (ATOKA) - PRODUCING

14181' - 14216' (MORROW) - NOT PRODUCING (BLANKING PLUG SET)

STIMULATION:

ACID (ATOKA) ACIDIZED WITH 2500 GALS 7-1/2% HCL ACID WITH ADDITIVES

FRACTURE _____

POTENTIAL AOF 9041 MCFPD

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>106</u> (Proration unit size is 320 acres - Reservoir size, from model work, is 106 acres)	
Porosity (por), %	<u>12.2%</u>	
Water Saturation (Sw), %	<u>29%</u>	
Net Thickness (h), ft.	<u>9</u>	
Temperature (T), Fahrenheit	<u>185</u>	
Bottom Hole Pressure (P), psia	<u>8513</u>	
Recovery Factor (RF), %	<u>80</u>	
Recoverable Gas, Mcf	<u>529,500</u> (Reserves were obtained via modeling work using actual pressure & production data)	

PERFORMANCE DATA

(plot of gas production verses time attached)

CUMULATIVE PRODUCTION TO 03/31/2003 121,441 MCF

PRODUCING

INITIAL RATE (qi)	<u>5200</u>
ECONOMIC LIMIT (ql)	<u>100</u>
DECLINE RATE, dy (Hyperbolic, b=0.5)	<u>98.68</u>
REMAINING GAS (mcf) (Q)=	<u>408,100</u>
ULTIMATE RECOVERABLE GAS (mcf)	<u>529,500</u>

(Plat attached)

ECONOMIC

DRILL & CASING COST \$1,500,000 (to the depth of formation completed)

COMPLETION COST \$500,000

TOTAL COST \$2,000,000

<u>YEAR</u>	<u>GROSS GAS</u>	<u>REVENUE</u>	<u>OPERATING COST (Includes Sev. Tax & Ad Val Tax)</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO	<u> </u>	<u> </u>	<u> </u>	<u> </u>
1	<u>529,500</u>	<u>2,357,900</u>	<u>390,200</u>	<u>0</u>
2	<u> </u>	<u> </u>	<u> </u>	<u> </u>
3	<u> </u>	<u> </u>	<u> </u>	<u> </u>
4	<u> </u>	<u> </u>	<u> </u>	<u> </u>
5	<u> </u>	<u> </u>	<u> </u>	<u> </u>
6	<u> </u>	<u> </u>	<u> </u>	<u> </u>
7	<u> </u>	<u> </u>	<u> </u>	<u> </u>
8	<u> </u>	<u> </u>	<u> </u>	<u> </u>
9	<u> </u>	<u> </u>	<u> </u>	<u> </u>
10	<u> </u>	<u> </u>	<u> </u>	<u> </u>
REMAINDER	<u> </u>	<u> </u>	<u> </u>	<u> </u>
TOTAL	<u>529,500</u>	<u>2,357,900</u>	<u>390,200</u>	<u>0</u>

WELL IS NOT COMMERCIAL

CURRENT WELLBORE DIAGRAM

Lease: **POKER LAKE UNIT**

Well No.: **153**

DOG TOWN DRAW (MORROW)

Field: **REMUDA BASIN (ATOKA)**

Vertical

Location: **1830 FNL & 1980 FEL, Sec 6, T24S, R30E**

County: **Eddy** St: **NM**

API: **30-015-31412**

Surface Csg.

Size:	16
Wt	65
Grd	H-40
Set @:	625
Sxs cmt:	620
Circ:	Y
TOC:	Surf
Hole Size:	20

Intermediate Csg.

Size:	10 3/4
Wt	45.5
Grd	K-55
Set @:	3598
Sxs Cmt:	2050
Circ:	Y
TOC:	Surf
Hole Size:	14 3/4 to 3600

Production Csg.

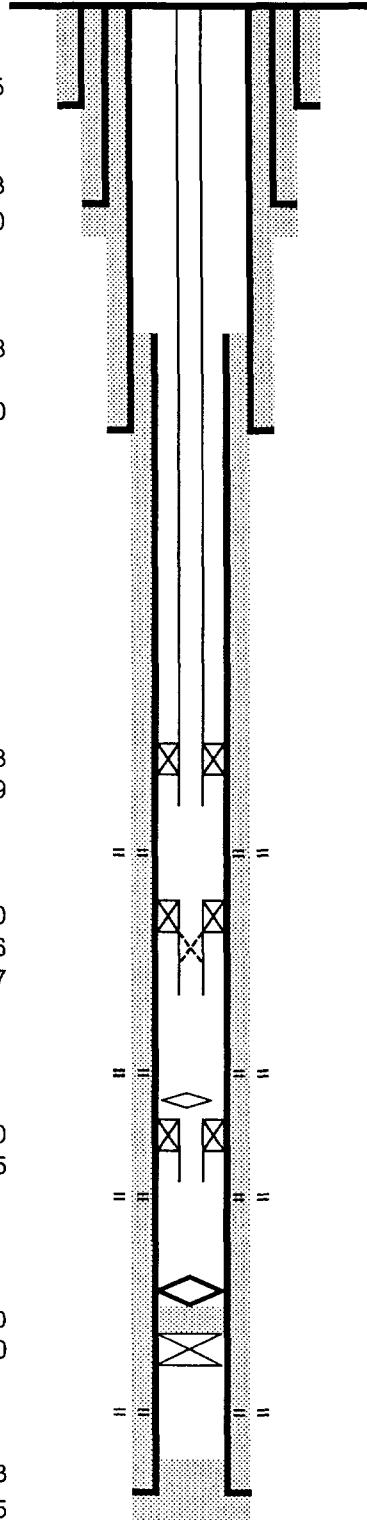
Size:	7 5/8
Wt	33.7/29.7
Grd	P-110
Set @:	11450
Sxs Cmt:	1650
Circ:	N
TOC:	60 sxs cap @ Surf
Hole Size:	9 7/8

Production Csg.

Size:	5 1/2
Wt	20
Grd	P-110
Set @:	11128-14513
Sxs Cmt:	350
Circ:	N
TOC:	TOL est
Hole Size:	6 1/2

Tubing

441 jts 2 7/8" 6.5# L-80 8rd	14270
	14280
	14513
	14515



KB:	3286.00
GL:	3259.00
Spud Date:	12/07/2000
Compl. Date:	06/14/2001

Pkr
EOT
Atoka Perfs: 12848-12860 (72 shots)

pkr
Blanking Plug
EOT

M Morrow Perfs: 14053-14067 (67 holes)
Fish: Pump Out Plug
Pkr w/ Tbg cut
EOT

M Morrow Perfs: 14181-14216 (71 holes)






















Fish - Tubing, 2.188 "R" Nipple
2 7/8 RE Guide
10' cmt cap
CIBP

L Morrow Perfs: 14388-14408 (40 holes)

PBTD: 14270
TD: 14515

Updated: 04/03/2003
Author: ELE
Engr: MWD

TubingDetail

	Type	IDiam	ODiam	Top	Bot	Jts	Wt	Grd	Conn	Len	Com
	KB			0.00	26.90					26.90	
	Tubing	2.441	2.875	26.90	12713.52	400	6.50	L-80	8rd	12686.62	
	"X" Profile Nipple	2.313	2.875	12713.52	12714.64				8rd	1.12	
	Tubing	2.441	2.875	12714.64	12746.34	1	6.50	L-80	8rd	31.70	
	o-o Tool w/ "X" Profile	2.313	4.500	12746.34	12748.17				8rd	1.83	
	Pkr	2.375	4.600	12748.17	12753.89					5.72	
	Tubing	2.441	2.875	12753.89	12785.67	1		P-110	8rd	31.78	
	"X" Profile Nipple	2.313	2.875	12785.67	12786.79				8rd	1.12	
	Tubing	2.441	2.875	12786.79	12818.65	1		P-110	8rd	31.86	
	Wireline Guide	2.435	2.875	12818.65	12819.31					0.66	
	Model D Pkr	2.688	5.500	13980.00	13983.10				8rd	3.10	
	Tbg Pup	1.995	2.375	13983.10	13986.70				8rd	3.60	
	"F" Profile Nipple	1.875	2.375	13986.70	13987.67				8rd	0.97	
	Tbg Pup	1.995	2.375	13987.67	13995.82				8rd	8.15	
	"N" Profile Nipple w/ No-Go	1.760	2.375	13995.82	13996.84				8rd	1.02	
	Blanking Plug in "N" Profile		2.375	13996.84	13997.25				8rd	0.41	
	Mgnm Pkr	3.000	4.770	14100.00	14104.07					3.08	
	XO	2.875	4.000	14104.07	14104.69					0.62	
	Tbg	2.441	2.875	14104.69	14114.69		6.50	L-80		10.00	
	Fish	2.441	2.875	14247.80	14269.70		6.50	L80	8rd	21.90	Tbg, "R" Npl, RE guide
	CIBP		4.770	14280.70	14282.70						

mwd

Form 3160-5
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

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.
NMLC068545

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

7. If Unit or CA/Agreement, Name and/or No.
NMMN71016X

8. Well Name and No.
POKER LAKE UNIT 153

9. API Well No.
30-015-31412-00-S1

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO
Contact: TAMI WILBER
E-Mail: twilber@basspet.com

3a. Address
P. O. BOX 2760
MIDLAND, TX 79702
3b. Phone No. (include area code)
Ph: 915.683.2277
Fx: 915.687.0329

10. Field and Pool, or Exploratory
UNDESIGNATED Remuda Base
UNKNOWN (Atoka)

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 6 T24S R30E SWNE 1830FNL 1980FEL

11. County or Parish, and State
EDDY COUNTY, NM

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 type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input checked="" 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.)

Blanking Plug set @ 13,996', pkr set @ 13,980'.
Perforated Atoka interval @ 12,848' to 12,860' w/ 6 SPF @ 60 degree phasing.
Acidized w/ 2500 gals 7-1/2% HCl acid w/ additives.
Packer set @ 12,753'.
Producing Atoka as of 2/5/03.

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #19648 verified by the BLM Well Information System
For BASS ENTERPRISES PRODUCTION CO, sent to the Carlsbad
Committed to AFMSS for processing by Linda Askwig on 03/18/2003 (03AL0081SE)
Name (Printed/Typed) TAMI WILBER Title AUTHORIZED REPRESENTATIVE
Signature (Electronic Submission) Date 03/18/2003

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By **ACCEPTED** ALEXIS C SWOBODA
Title PETROLEUM ENGINEER Date 03/18/2003

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 Carlsbad

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

Revisions to Operator-Submitted EC Data for Sundry Notice #19648

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	PLUGBACK SR	PLUGBACK SR
Lease:	LC-068545	NMLC068545
Agreement:		NMNM71016X
Operator:	BASS ENTERPRISES PRODUCTION CO P. O. BOX 2760 MIDLAND, TX 79702 Ph: 915.683.2277 Fx: 915.687.0329	BASS ENTERPRISES PRODUCTION CO P. O. BOX 2760 MIDLAND, TX 79702 Ph: 915.683.2277 Fx: 915.687.0329
Admin Contact:	TAMI WILBER AUTHORIZED REPRESENTATIVE E-Mail: twilber@basspet.com Ph: 915.683.2277 Fx: 915.687.0329	TAMI WILBER AUTHORIZED REPRESENTATIVE E-Mail: twilber@basspet.com Ph: 915.683.2277 Fx: 915.687.0329
Tech Contact:		
Location:		
State:	NM	NM
County:	EDDY	EDDY
Field/Pool:	UNDESIGNATED	UNDESIGNATED UNKNOWN
Well/Facility:	POKER LAKE UNIT 153 Sec 6 T24S R30E SWNE 1830FNL 1980FEL	POKER LAKE UNIT 153 Sec 6 T24S R30E SWNE 1830FNL 1980FEL

MWD

Form 3160-4
(August 1999)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC-068545

6. If Indian, Allottee or Tribe Name
POKER LAKE UNIT

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
POKER LAKE UNIT 153

9. API Well No.
30-015-31412

10. Field and Pool, or Exploratory
UNDESIGNATED (ATOKA)

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T24S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3259 GL

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO

Contact: TAMI WILBER
E-Mail: twilber@basspet.com

3. Address P. O. BOX 2760
MIDLAND, TX 79702

3a. Phone No. (include area code)
Ph: 915.683.2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface SWNE 1830FNL 1980FEL
At top prod interval reported below SWNE 1830FNL 1980FEL
At total depth SWNE 1830FNL 1980FEL

14. Date Spudded
01/13/2003

15. Date T.D. Reached
01/31/2003

16. Date Completed
 D & A Ready to Prod.
02/05/2003

18. Total Depth: MD 14515
TVD

19. Plug Back T.D.: MD 13980
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
N/A

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	16.000 H-40	65.0	0	625		180		0	
14.750	10.750 K-55	45.5	0	3578		2050		0	
9.875	7.625 P-110	33.7	0	11450		1590		8193	
6.500	5.500 P-110	20.0	11127	14513		350		11127	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	12819	12753						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) ATOKA	12848	12860	12848 TO 12860	0.400	72	PERF W/6 SPF @ 60 DEG PHASIS
B) MORROW	14181	14216	14181 TO 14216	0.400	71	BLANKING PLUG @ 13,996'
C)						PKR @ 13,980'
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12848 TO 12860	ACIDIZE W/2500 GALS 7-1/2% HCL ACID W/ADDITIVES

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/05/2003	02/13/2003	24	\rightarrow	0.0	5440.0	106.0		0.62	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12.5/64	3775	877.0	\rightarrow	0	5440	106		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
02/05/2003	02/13/2003	0	\rightarrow	0.0	0.0	0.0			FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg. SI	Csg. Press. SI	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	0	0.0	\rightarrow					PGW	

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #19449 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL ** ORIGINAL **

Submit in duplicate to appropriate district office.
See Rule 401 & Rule 1122

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
2040 South Pacheco
Santa Fe, NM 87505

Form C-122
Revised October, 1999

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator BASS ENTERPRISES PROD. CO.				Lease or Unit Name POKER LAKE UNIT			
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 2/17/03	Well No. 153
Completion Date 6/14/01		Total Depth 14515		Plug Back TD 13,980'		Elevation 3259 GL	Unit Ltr - Sec - TWP - Rge 6 24S 30E
Csg. Size 5 1/2	Wt. 20	d 4.778	Set At 14,513	Perforations: From: 12,848 To: 12,860			County EDDY
Tbg. Size 2 7/8	Wt. 6.5	d 2.441	Set At 12,819'	Perforations: From: To:			Pool Undesignated
Type Well-Single-Bradenhead-G.G. or G.O. Multiple SINGLE				Packer Set At 12,753		Formation ATOKA	
Producing Thru Tubing		Reservoir Temp. °F 213.9	Mean Annual Temp. °F 60	Baro. Press. -P _a 13.2			Connection SALES
L 12,753	H 12,753	Gg 0.62	%CO ₂ 0.317	%N ₂ 0.69	%H ₂ S N/A	Prover N/A	Meter Run 4.026
Taps FLG							
FLOW DATA			TUBING DATA			CASING DATA	
No.	Prover Line Size	Orifice Size	Press p.s.i.g.	Diff. h _w	Temp. °F	Press p.s.i.g.	Temp. °F
SI						6831	N/A
1	4.026 X 1.750		584	39.4	88	6616	
2	4.026 X 2.250		608	42.5	89	6515	
3	4.026 X 2.250		604	50.8	99	6129	
4	4.026 X 2.250		689	126	102	5627	
5							
RATE OF FLOW CALCULATIONS							
No.	COEFFICIENT (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress Factor F _{pv}	Rate of Flow Q. Mcfd
1							2150
2							2445
3	TOTAL	FLOW	METER				2520
4							3024
5							
No.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf bbl.		
1					A.P. I. Gravity of Liquid Hydrocarbons _____ Deg.		
2					Specific Gravity Separator Gas 0.62 XXXXXXXX		
3	TOTAL	FLOW	METER		Specific Gravity Flowing Fluid N/A XXXXXX		
4					Critical Pressure 674 P.S.I.A. _____ P.S.I.A.		
5					Critical Temperature 358 R. _____ R		
P _c 6844.2		P ₂ 46843.07					
No.	P _t ²	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{3.217}{\quad} \quad (2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.792}{\quad}$		
1		6649	44209.2	2633.8			
2		6553.9	42954.1	3888.9			
3		6170.2	38070.8	8772.2	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{9.041}{\quad}$		
4		5681.8	32282.6	14560.4			
5							
Absolute Open Flow		9041		Mcf @ 15.025		Angle of Slope (°)	63.5
						Slope n:	0.499
Remarks:							
Approved By Division:		Conducted By: PRO WELL TESTING		Calculated By: MERV BUECKER		Checked By: MB	

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised March 25, 1999

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 South First, Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

Submit to Appropriate District Office
5 Copies

AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Bas Enterprises Production Co. P. O. Box 2760 Midland, Texas 79702-2760		² OGRID Number 001801
⁴ API Number 30-0 015-31412		³ Reason for Filing Code Recompletion
⁵ Pool Name Undesignated (Atoka)		⁶ Pool Code
⁷ Property Code 001796	⁸ Property Name Poker Lake Unit	⁹ Well Number 153

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
G	6	24S	30E		1830	North	1980	East	Eddy

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County

¹² Lse Code F	¹³ Producing Method Code Flowing	¹⁴ Gas Connection Date 02/05/03	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
-----------------------------	--	---	-----------------------------------	------------------------------------	-------------------------------------

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
007440	EOTT Energy Corporation P. O. Box 4666 Houston, Texas 77210-4666	2828605	Oil	Unit Letter G Section 6, T24S-R30E
151618	El Paso Field Services 1001 Louisiana Street Houston, Texas 77002	0515330	Gas	Unit Letter N Section 8, T24S-R30E

IV. Produced Water

²³ POD 2828606	²⁴ POD ULSTR Location and Description
------------------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBDT	²⁹ Perforations	³⁰ DHC, MC
01/13/03	02/05/03	14515	13980	12848-12860	

³¹ Hole Size	³² Casing & Tubing Size	³³ Depth Set	³⁴ Sacks Cement
20"	16"	625'	180
14-3/4"	10-3/4"	3578'	2050
9-7/8"	7-5/8"	11,450'	1590
6-1/2"	5-1/2"	14,513'	350

VI. Well Test Data

³⁵ Date New Oil	³⁶ Gas Delivery Date	³⁷ Test Date	³⁸ Test Length	³⁹ Tbg. Pressure	⁴⁰ Csg. Pressure
	02/05/03	02/13/03	24 hours	3775	877

⁴¹ Choke Size	⁴² Oil	⁴³ Water	⁴⁴ Gas	⁴⁵ AOF	⁴⁶ Test Method
12.5/64	0	106	5440	9041	Flowing

⁴⁷ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature: *Tami Wilber*

Printed name:
Tami Wilber
Title:
Production Clerk

Date: 03/14/03 Phone: (915) 683-2277

OIL CONSERVATION DIVISION	
Approved by:	
Title:	
Approval Date:	

⁴⁸ If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature	Printed Name	Title	Date

DISTRICT I
1825 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

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

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87505

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31412	Pool Code 97262	Pool Name Remuda Basin (Atoka)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 153
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3260'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	6	24 S	30 E		1830	NORTH	1980	EAST	EDDY

Bottom Hole Location If Different From Surface

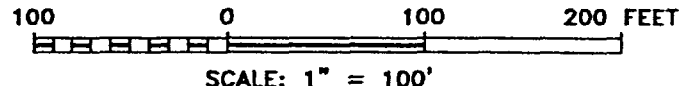
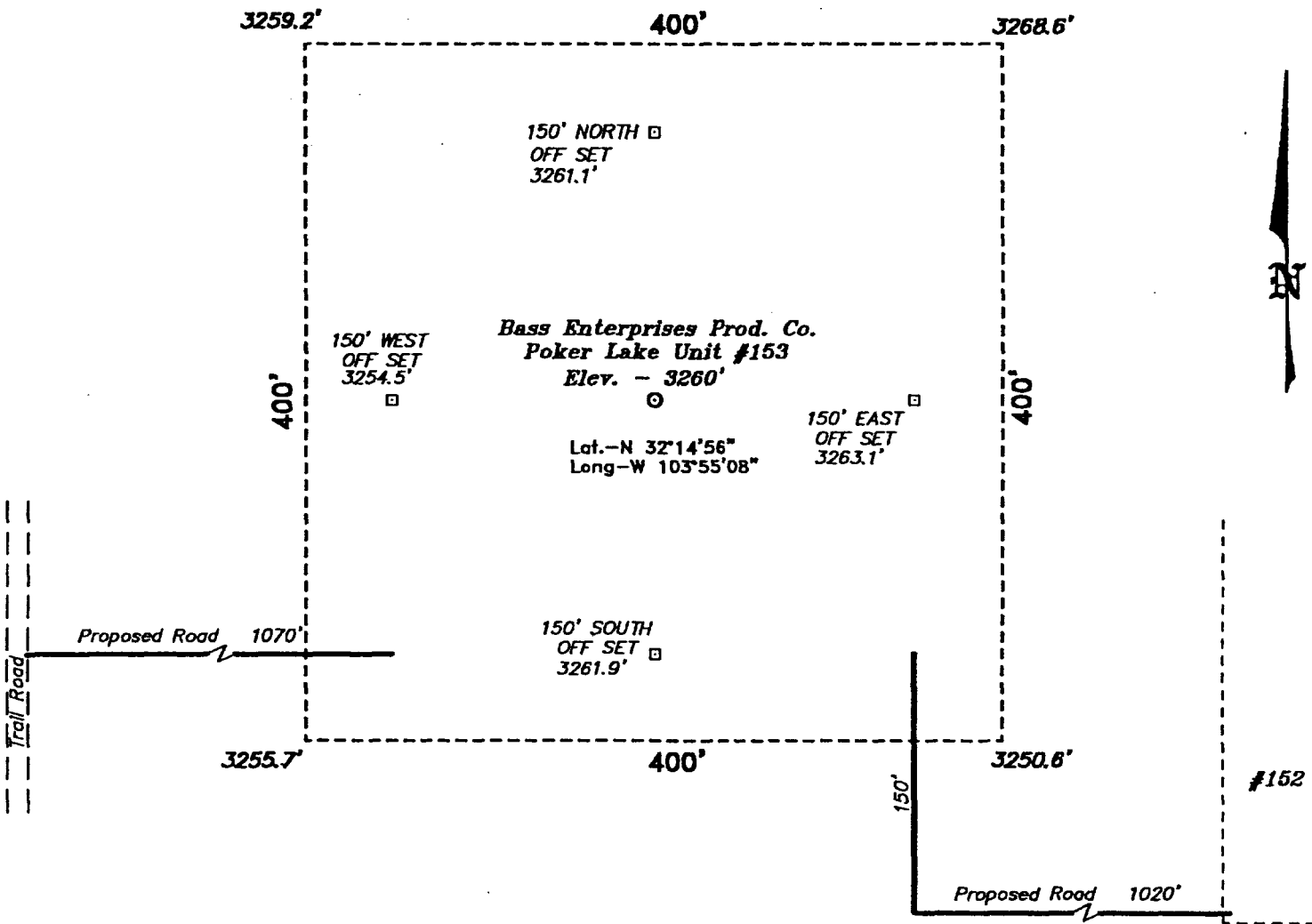
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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

<p>LOT 1 - 40.72 AC.</p> <p>LOT 2 - 40.58 AC.</p>	<p>LAT - N32°14'56" LONG - W103°55'08"</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tami Wilber</i> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>3/20/03 Date</p> <hr/> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>June 19, 2000 Date Surveyed</p> <p><i>GARY L JONES</i> Signature</p> <p>GARY L JONES Professional Land Surveyor</p> <p>W.C. No. 04831 Certificate No. GARY L Jones 7977</p> <p>BASIN SURVEYS</p>
---	--	---

SECTION 6, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128 & CO. RD. 793, GO SOUTH AND WEST ON CO. RD. 793 APPROX. 4.0 MILES TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 3.5 MILES TO A PROPOSED LEASE ROAD WHICH LIES 1056 FEET WEST OF THE PROPOSED WELL LOCATION.

BASS ENTERPRISES PRODUCTION CO.

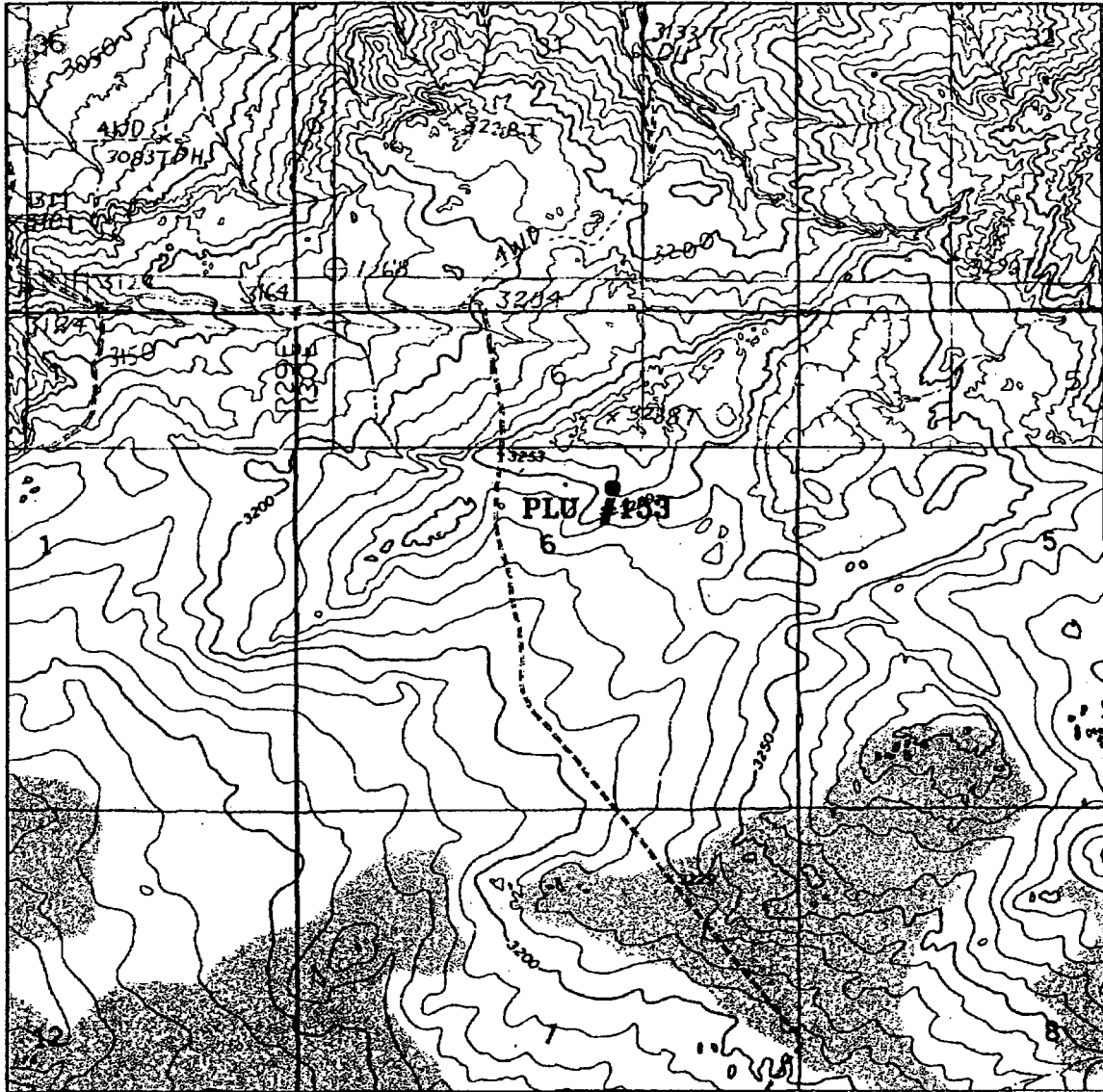
REF: Poker Lake Unit No. 153 / Well Pad Topo
 THE POKER LAKE UNIT No. 153 LOCATED 1830' FROM
 THE NORTH LINE AND 1980' FROM THE EAST LINE OF
 SECTION 6, TOWNSHIP 24 SOUTH, RANGE 30 EAST,
 N.M.P.M., EDDY COUNTY, NEW MEXICO.

Basin Surveys P.O. BOX 1786-HOBBS, NEW MEXICO

W.O. Number: 0340 Drawn By: **K. GOAD**

Date: 06-20-2000 Disk: KJG #122 - 0340D.DWG

Survey Date: 06-19-2000 Sheet 1 of 1 Sheets



POKER LAKE UNIT #153

Located at 1830' FNL and 1980' FEL
 Section 6, Township 24 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.



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: 0340DD - KJG #122

Survey Date: 06-19-2000

Scale: 1" = 2000'

Date: 06-20-2000

**BASS ENTERPRISES
 PRODUCTION CO.**



POKER LAKE UNIT #153
 Located at 1830' FNL and 1980' FEL
 Section 6, Township 24 South, Range 30 East,
 N.M.P.M., Eddy County, New Mexico.

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 (505) 392-3074 - Fax
 basinsurveys.com

W.O. Number: 0340DD - KJG #122

Survey Date: 06-19-2000

Scale: 1" = 2 MILES

Date: 06-20-2000

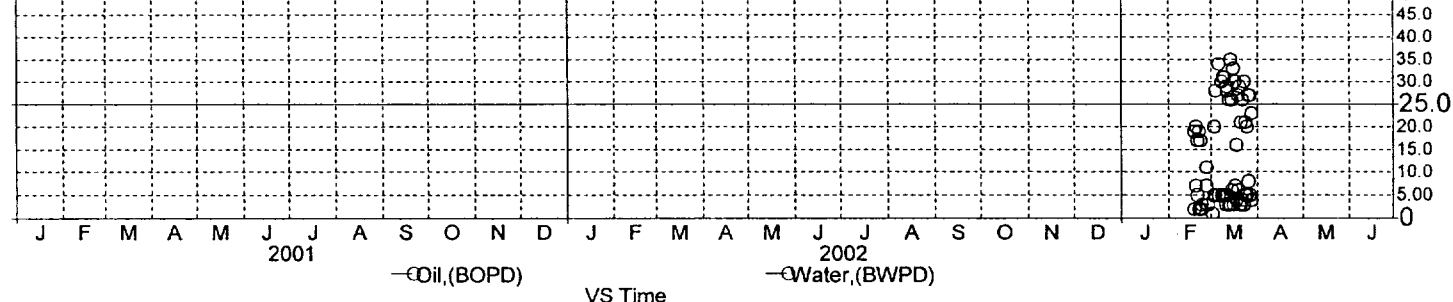
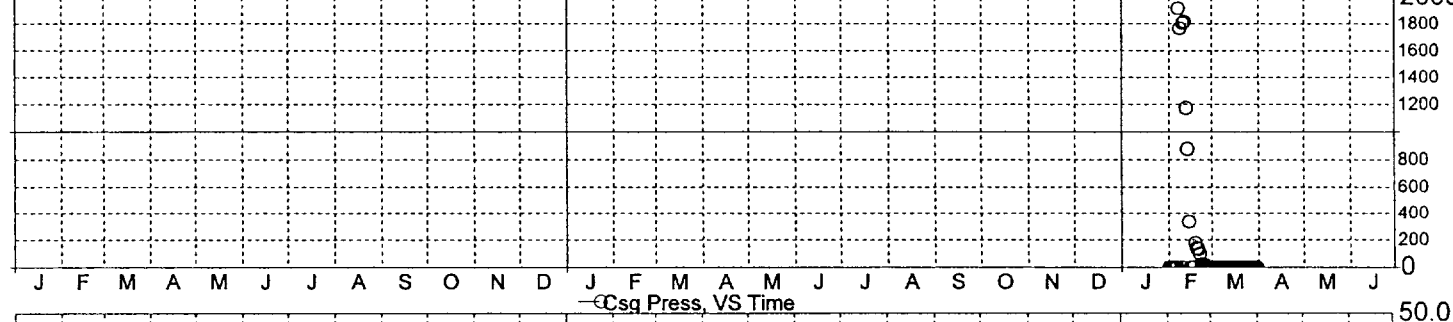
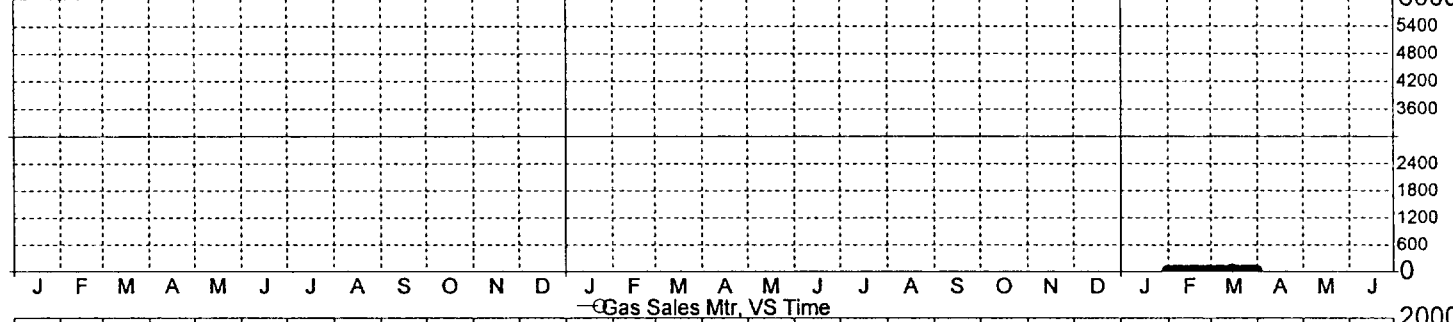
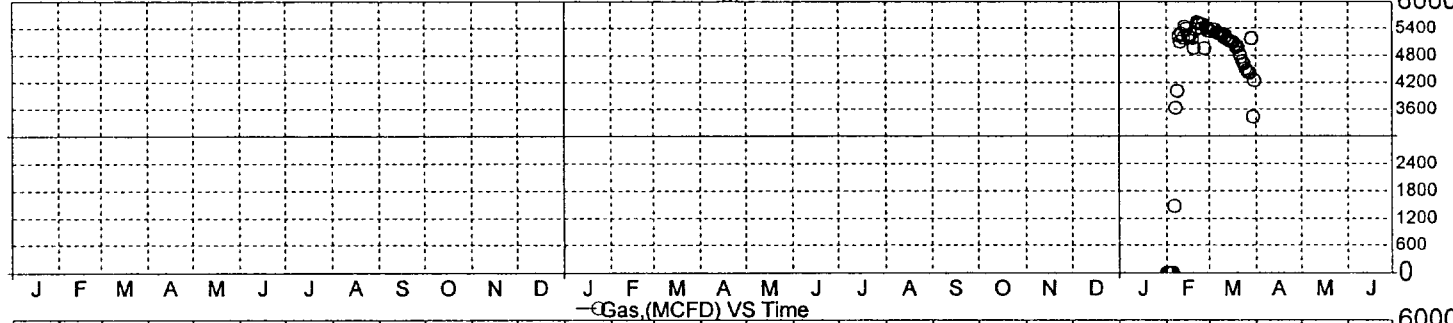
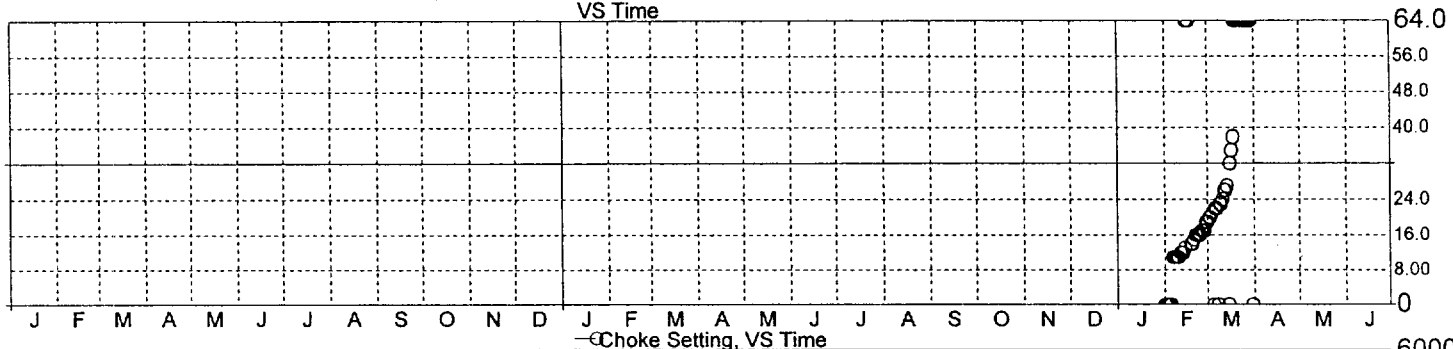
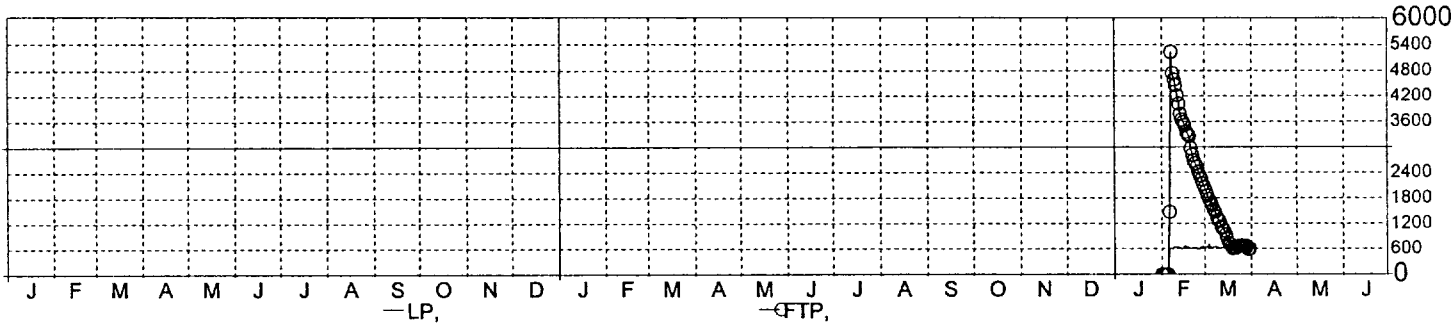
BASS ENTERPRISES
PRODUCTION CO.

Bass Enterprises Production Co.

Well: POKER LAKE UNIT #153
 Field: DOG TOWN DRAW
 Reservoir: ATOKA

County: EDDY
 State: NM
 Status: ACT GAS

Cum Oil: 116
 Cum Water: 92
 Cum Gas: 121441



2001

2002

I N P U T D A T A I N I T I A L C A L C U L A T E D D A T A

ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 START	02/2003							
401 GAS	5200.00 X M/D	2.00 MOS	FLAT	316.333	3/2003	158167.	158167.	158167.
402 "	100.00 M/D X	YRS	B/0.5	529.498	1/2004	100.0	158167.	2873.
403 NGL/GAS	0.00 0.00 U/M	TO LIFE	LIN		1/2004			
404 MUL/NGL	0.02 0.02 FRAC	TO LIFE	FLAT		1/2004	0.024	0.024	0.024
500 PRI/OIL	-1.2000 -1.2000 \$/B	TO LIFE	PC		1/2003	-1.200	-1.200	-1.200
501 PRI/GAS	-0.4055 -0.4055 \$/M	TO LIFE	PC		1/2003	-0.405	-0.405	-0.405
600 PRI/OIL	1/2001 29.43 29.76 27.29 #/M				3/2001			
601 "	X 27.62 28.70 27.62 26.56 27.31 #/M				8/2001			
603 "	X 26.44 22.21 19.67 19.46 #/M				12/2001			
604 "	X 19.70 20.80 24.52 26.13 26.97 #/M				5/2002			
605 "	25.61 25.61 \$/B	07/2002 AD	FLAT		6/2002		25.610	25.610
606 "	26.99 26.99 \$/B	08/2002 AD	FLAT		7/2002		26.990	26.990
607 "	28.15 28.15 \$/B	09/2002 AD	FLAT		8/2002		28.150	28.150
608 "	29.68 29.68 \$/B	10/2002 AD	FLAT		9/2002		29.680	29.680
609 "	28.88 28.88 \$/B	11/2002 AD	FLAT		10/2002		28.880	28.880
610 "	26.29 26.29 \$/B	12/2002 AD	FLAT		11/2002		26.290	26.290
611 "	29.39 29.39 \$/B	01/2003 AD	FLAT		12/2002		29.390	29.390
612 "	31.00 31.00 \$/B	02/2003 AD	FLAT		1/2003		31.000	31.000
613 "	33.00 33.00 \$/B	03/2003 AD	FLAT		2/2003		33.000	33.000
614 "	32.00 32.00 \$/B	04/2003 AD	FLAT		3/2003		32.000	32.000
615 "	31.00 31.00 \$/B	05/2003 AD	FLAT		4/2003		31.000	31.000
616 "	30.00 30.00 \$/B	06/2003 AD	FLAT		5/2003		30.000	30.000
617 "	29.00 29.00 \$/B	07/2003 AD	FLAT		6/2003		29.000	29.000
618 "	28.00 28.00 \$/B	08/2003 AD	FLAT		7/2003		28.000	28.000
619 "	28.00 28.00 \$/B	09/2003 AD	FLAT		8/2003		28.000	28.000
620 "	27.00 27.00 \$/B	10/2003 AD	FLAT		9/2003		27.000	27.000
621 "	26.00 26.00 \$/B	11/2003 AD	FLAT		10/2003		26.000	26.000
622 "	26.00 26.00 \$/B	12/2003 AD	FLAT		11/2003		26.000	26.000
623 "	26.00 26.00 \$/B	01/2004 AD	FLAT		12/2003		26.000	26.000
624 "	23.00 23.00 \$/B	TO LIFE	FLAT		1/2004		23.000	23.000
626 PRI/GAS	1/2001 9.91 6.22 5.03 5.35 #/M				4/2001			
627 "	X 4.87 3.72 3.16 3.19 2.34 1.86 #/M				10/2001			
629 "	X 3.16 2.28 #/M				12/2001			
630 "	X 2.61 2.03 2.39 3.4 3.36 #/M				5/2002			
631 "	3.37 3.37 \$/M	07/2002 AD	FLAT		6/2002		3.370	3.370
632 "	3.26 3.26 \$/M	08/2002 AD	FLAT		7/2002		3.260	3.260
633 "	2.95 2.95 \$/M	09/2002 AD	FLAT		8/2002		2.950	2.950
634 "	3.27 3.27 \$/M	10/2002 AD	FLAT		9/2002		3.270	3.270
635 "	3.72 3.72 \$/M	11/2002 AD	FLAT		10/2002		3.720	3.720
636 "	4.13 4.13 \$/M	12/2002 AD	FLAT		11/2002		4.130	4.130
637 "	4.13 4.13 \$/M	01/2003 AD	FLAT		12/2002		4.130	4.130
638 "	4.96 4.96 \$/M	02/2003 AD	FLAT		1/2003		4.960	4.960
639 "	5.66 5.66 \$/M	03/2003 AD	FLAT		2/2003		5.660	5.660
640 "	5.60 5.60 \$/M	04/2003 AD	FLAT		3/2003		5.600	5.600
647 "	4.60 4.60 \$/M	01/2004 AD	FLAT		12/2003		4.600	4.600
648 "	3.83 3.83 \$/M	01/2005 AD	FLAT		12/2004		3.830	3.830
649 "	3.54 3.54 \$/M	01/2006 AD	FLAT		12/2005		3.540	3.540

DATE : 04/09/03
 TIME : 10:45:35
 DBS : PROFZONE
 SETTINGS : MWDSET
 SCENARIO : CD

POKER LAKE UNIT #153
 ATOKA
 COMMERCIAL DETERMINATION

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 2/03

PERIOD ENDING	12/03	12/04	1.0 YR TOTAL
OWNERSHIP			

1) WORKING INTEREST, %	100.000	100.000	100.000
2) REVENUE INTEREST, %	84.500	84.500	84.500

INVESTMENTS, M\$	12/03	12/04	1.0 YR TOTAL
3) BORROWED CAPITAL	0.0	0.0	0.0
4) EQUITY INVESTMENTS	2000.0	0.0	2000.0
5) RISK	0.0	0.0	0.0
7) TOTAL	0.0	0.0	2000.0

GAS PHASE	12/03	12/04	1.0 YR TOTAL
12) GROSS GAS, MMF	526.4	3.1	529.5
13) NET GAS, MMF	444.8	2.7	447.4
14) GAS REVENUE, M\$	2347.9	10.0	2357.9
15) GAS PRICE, \$/MCF	5.279	3.756	5.270

ECONOMICS, M\$	12/03	12/04	1.0 YR TOTAL
32) GROSS REV. TO INTR.	2347.9	10.0	2357.9
33) - SEV. TAX	164.4	0.7	165.1
34) - AD VALOREM TAX	3.3	0.0	3.3
35) - OPERATING COSTS	219.7	2.1	221.8
36) - CAPITAL REPAYMENT	0.0	0.0	0.0
37) - INTEREST PAID	0.0	0.0	0.0
38) - NPI PAID	0.0	0.0	0.0
39) + NPI OWNED	0.0	0.0	0.0
40) = NET INCOME	1960.6	7.2	1967.8
41) - INVESTMENTS & RSK	2000.0	0.0	2000.0
42) = BFIT NET	-39.4	7.2	-32.2

PRESENT WORTH @ 10.00 %	12/03	12/04	1.0 YR TOTAL
43) NET INCOME	1873.4	6.5	1879.9
44) INVESTMENTS & RISK	2000.0	0.0	2000.0
45) BFIT NET	-126.6	6.5	-120.1
46) CUM BFIT NET	-126.6	-120.1	-120.1

DATE : 04/09/03
 TIME : 10:45:35
 DBS : PROPZONE
 SETTINGS : MWDSET
 SCENARIO : CD

A F T E R T A X E C O N O M I C S

AS OF DATE: 2/03

1.0 YR
 TOTAL

PERIOD ENDING 12/03 12/04

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT 1500.0 0.0 1500.0
 2) DEPLETABLE 0.0 0.0 0.0
 3) DEPRECIABLE 500.0 0.0 500.0

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR. 2347.9 10.0 2357.9
 5) - SEVERANCE TAX 164.4 0.7 165.1
 6) - OPR. COSTS & ATX 223.0 2.1 225.1
 7) - NPI PAID 0.0 0.0 0.0
 8) + NPI OWNED 0.0 0.0 0.0
 9) - OVERHEAD 0.0 0.0 0.0
 10) - EXPENSED INV. 1500.0 0.0 1500.0
 11) - DEPRECIATION 65.4 434.6 500.0
 12) = NET 395.1 -427.4 -32.2
 13) - DEPLETION TAKEN 0.0 0.0 0.0
 14) - INTEREST PD & CAP 0.0 0.0 0.0
 15) = TAXABLE 395.1 -427.4 -32.2
 16) * TAX RATE, % 35.0 35.0 35.0
 17) - TAX CREDIT 0.0 0.0 0.0
 18) = F.I.T. 138.3 -149.6 -11.3

19) REVENUE-SEV 2183.5 9.3 2192.8
 20) - OPR. COSTS & ATX 223.0 2.1 225.1
 21) - NPI PAID 0.0 0.0 0.0
 22) + NPI OWNED 0.0 0.0 0.0
 23) - F.I.T. 138.3 -149.6 -11.3
 24) = A.F.I.T. 1822.3 156.8 1979.0
 25) - LOAN REPAYMENT 0.0 0.0 0.0
 26) - INTEREST PAID 0.0 0.0 0.0
 27) = NET INCOME 1822.3 156.8 1979.0
 28) - INVESTMENTS & RSK 2000.0 0.0 2000.0
 29) = A.F.I.T. NET -177.7 156.8 -21.0

PRESENT WORTH @ 10.00 %

30) NET INCOME 1741.3 142.4 1883.7
 31) INVESTMENTS & RISK 2000.0 0.0 2000.0
 32) A.F.I.T. NET -258.7 142.4 -116.3
 33) CUM. A.F.I.T. NET -258.7 -116.3 -116.3

DATE : 04/09/03
 TIME : 10:45:35
 DBS : PROPZONE
 SETTINGS : MWDSET
 SCENARIO : CD

POKER LAKE UNIT #153
 ATOKA
 COMMERCIAL DETERMINATION

E C O N O M I C I N D I C A T O R S

AS OF DATE: 2/03

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
-------------------------------	-------------------------------	-------------------------------

PRESENT WORTH PROFILE AND RATE-OF-RETURN VS. BONUS TABLE

0.	-32.244	-20.959	-32.244
5.	-76.828	-69.420	-105.509
10.	-120.064	-116.298	-174.711
15.	-161.998	-161.652	-240.148
20.	-202.675	-205.537	-302.090
25.	-242.135	-248.008	-360.782
30.	-280.422	-289.116	-416.448
35.	-317.575	-328.910	-469.293
40.	-353.631	-367.439	-519.503
50.	-422.600	-440.880	-612.692
60.	-487.608	-509.785	-697.228
70.	-548.915	-574.474	-774.140
80.	-606.760	-635.241	-844.305
90.	-661.370	-692.359	-908.478
100.	-712.951	-746.081	-967.312

RATE OF RETURN, PCT.	0.0	0.0
UNDISCOUNTED PAYOUT, YRS.	1.00	1.00
DISCOUNTED PAYOUT, YRS.	1.00	1.00
UNDISCOUNTED NET/INVEST.	0.98	0.99
DISCOUNTED NET/INVEST.	0.94	0.94

NOTES

COMMISSIONER'S OFFICE

Phone (505) 827-5760

Fax (505) 827-5766

ADMINISTRATION

Phone (505) 827-5700

Fax (505) 827-5853

GENERAL COUNSEL

Phone (505) 827-5713

Fax (505) 827-4262

PUBLIC AFFAIRS

Phone (505) 827-1245

Fax (505) 827-5766



**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

COMMERCIAL RESOURCES

Phone (505) 827-5724

Fax (505) 827-6157

MINERAL RESOURCES

Phone (505) 827-5744

Fax (505) 827-4739

ROYALTY MANAGEMENT

Phone (505) 827-5772

Fax (505) 827-4739

SURFACE RESOURCES

Phone (505) 827-5793

Fax (505) 827-5711

June 3, 2002

Bass Enterprises Production Company
201 Main Street
Ft. Worth, Texas 76102-3131

Attn: Mr. J. Wayne Bailey

2002 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Dear Mr. Bailey:

The Commissioner of Public Lands has, of this date, approved the above-captioned Plan of Development. Our approval is subject to like approval by all other appropriate agencies.

The possibility of drainage by wells outside of the unit area and the need for further development of the unit may exist. You may be contacted at a later date regarding these possibilities.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

A handwritten signature in black ink, appearing to read "Jami Bailey".

BY:
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744

RP/JB/cpm
xc: Reader File

OCD

BLM

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

April 3, 2002

**EXPRESS MAIL/
Return Receipt Requested**

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505

Attention: Mr. Ed L. Roberson

Attention: Mr. Roy Johnson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: 2002 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 2002.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

2001 ACTIVITY

Poker Lake Unit Well No. 71-A – This well was re-drill of the Poker Lake Unit 71 at a location being 660' FNL, 1,980' FWL, Section 33, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,335' – 7,558'.

Poker Lake Unit Well No. 148 – This well was drilled at a location being 1,650' FNL, 660' FEL Section 32, T24S-R31E, Eddy County, New Mexico. This well was completed in the Wolfcamp Formation as gas well in the interval between 12,904' – 12,996'.

Poker Lake Unit Well No. 150 – This well was drilled at a location being 760' FNL, 810' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,255' – 7,265'.

Poker Lake Unit Well No. 151 – This well was drilled at a location being 510' FNL, 1,980' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,226' – 7,236'.

Poker Lake Unit Well No. 152 – This well was drilled at a location being 1,980' FNL, 660' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,238' – 7,248'.

Poker Lake Unit Well No. 153 – This well was drilled at a location being 1,830' FNL, 1,980' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Morrow Formation as an gas well in the interval between 14,181' – 14,216'.

Poker Lake Unit Well No. 154 – This well was drilled at a location being 1,980' FSL, 660' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,250' – 7,260'.

Poker Lake Unit Well No. 155 – This well was drilled at a location being 1,980' FSL, 1,980' FEL, Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,192' – 7,202'.

Poker Lake Unit No. 157 - This well will be drilled at a legal location being 660' FSL & 660' FEL Section 6, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,222' - 7,281'.

Poker Lake Unit Well No. 165 – This well was drilled at a location being 560' FSL, 330' FWL, Section 32, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,258' – 7,268'.

Poker Lake Unit No. 166 – This well was drilled at a location being 660' FNL & 660' FWL, Section 5, T24S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,280' – 7,290'.

Poker Lake Unit Well No. 170 – This well was drilled at a location being 1,980' FSL, 1,980' FWL Section 33, T23S-R30E, Eddy County, New Mexico. This well was initially completed as an oil well in the Delaware Formation at a total depth of 7,776'; however, the well has recently been converted to a saltwater disposal well.

PARTICIPATING AREAS

Bass has submitted Commercial Determinations for all productive wells for which same have not been prepared in the past and will submit wells drilled to date where adequate information is available for commercial determination and participating areas. In the event you have not received commercial determination for the wells that have been drilled and completed and are currently producing, please advise at your convenience and we will submit same to you.

FUTURE DEVELOPMENT

Nash Draw (Delaware) Field Bass is currently conducting a detailed review of a potential waterflood program in the Nash Draw (Delaware) Field, Delaware "C" PA. Plans to proceed with the project will be provided to the BLM, State Land Office and Oil Conservation Division based upon final determination of production estimates and commercial feasibility.

Plan of Development – PLU – 2002

April 3, 2002

Page 3

Poker Lake Unit Well No. 156 – This well will be drilled at a legal location being 660' FSL, 1,980' FEL Section 6 T24S-R30E, Eddy County, New Mexico to a total depth of 7,670' to test the Delaware Formation.

Poker Lake Unit Well No. 184 – This well will be drilled at a legal location being 1,700', FNL, 1,850' FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a total depth of 7,450' to test the Delaware Formation.

Poker Lake Unit Well No. 197 – This well will be drilled at a legal location being 1,650' FSL, 1,980' FWL Section 33, T24S-R31E, Eddy County, New Mexico to a total depth of 15,500' to test the Wolfcamp Formation.

Other Development – Please refer to Bass' Amended 2001 Plan of Development dated July 9, 2001 which identified numerous potential new wells. Bass will continue to pursue these potential opportunities based upon our ongoing geological review and the product price levels in 2002.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands covered by the Poker Lake Unit Agreement or pursuant to applicable regulations.

MODIFICATIONS


In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This Plan of Development shall become effective on January 1, 2002.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 8th day of April, 2002.

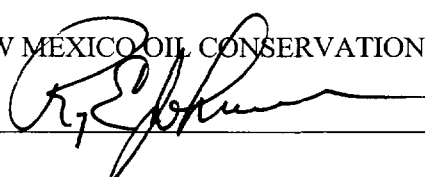
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By:  _____

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL
Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS
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Fax (505) 827-5766



COMMERCIAL RESOURCES
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Fax (505) 827-6157

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ROYALTY MANAGEMENT
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SURFACE RESOURCES
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**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

March 20, 2002

Bass Enterprises Production Company
201 Main Street, Suite 2900
Fort Worth, Texas 76102

Attention: Mr. Wayne Bailey

Re: Poker Lake Unit Well No. 71
Non-Commercial Well Determinations
Delaware Formation
Eddy County, New Mexico

Dear Mr. Bailey:

We are in receipt of your letter of February 7, 2002, together with the commercial determination data for the above referenced well.

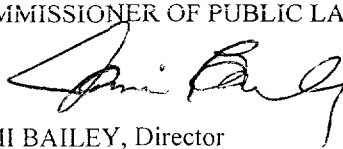
The Bureau of Land Management, by their letter of February 21, 2002, advised this office that they concur with your determination that the Poker Lake Unit Well No. 71 is not capable of producing unitized substances in paying quantities from the Delaware formation and is to be produced on a lease basis.

Please be advised that the Commissioner of Public Lands concurs with yours and the Bureau of Land Management's determinations that the Poker Lake Unit Well No. 71 is a non-commercial Delaware well and should be produced on a lease basis.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
RP/JB/pm

pc: Reader File,
OCD-Santa Fe, Attention: Mr. Roy Johnson
TRD-Santa Fe, Attention: Mr. Valdean Severson
BLM-Attention: Mr. Armando Lopez

COMMISSIONER'S OFFICE
Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL
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Fax (505) 827-5711

**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

March 20, 2002

Bass Enterprises Production Company
201 Main Street
Fort Worth, Texas 76102

Attention: Mr. Wayne Bailey

Re: Poker Lake Unit
Commercial Well Determinations
Well Nos. 154, 155 and 157
Eddy County, New Mexico

Dear Mr. Bailey:

We are in receipt of your letters of February 7, 2002 and February 12, 2002 together with the commercial determination data for the Poker Lake Unit Well Nos. 154, 155 and 157.

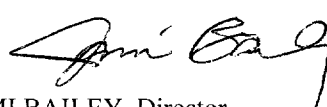
The Bureau of Land Management, by their letter of February 21, 2002, concurred with your determination that the Poker Lake Unit Well Nos. 154, 155 and 157 were capable of producing unitized substances in paying quantities from the Delaware formation.

Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Poker Lake Unit Well Nos. 154, 155 and 157 are commercial wells in the Delaware formation.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
RP/JB/pm

pc: Reader File,
OCD-Santa Fe, Attention: Mr. Roy Johnson
TRD-Santa Fe, Attention: Mr. Valdean Severson
BLM-Attention: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 71-A
Nash Draw (Delaware) Field
Section 33, T23S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determination package for the above well containing a worksheet for commercial determination and Bass' Interoffice Memorandum explaining certain criteria used for the evaluation. It is Bass' finding that the above well is a noncommercial producer. Please signify your concurrence with the above determination and return in the space provided below and return one (1) copy of this letter to the undersigned accordingly. Thank you very much and should you have any further questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 71-A
Nash Draw (Delaware) Field
Section 33, T23S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determination package for the above well containing a worksheet for commercial determination and Bass' Interoffice Memorandum explaining certain criteria used for the evaluation. It is Bass' finding that the above well is a noncommercial producer. Please signify your concurrence with the above determination and return in the space provided below and return one (1) copy of this letter to the undersigned accordingly. Thank you very much and should you have any further questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 71-A
Nash Draw (Delaware) Field
Section 33, T23S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determination package for the above well containing a worksheet for commercial determination and Bass' Interoffice Memorandum explaining certain criteria used for the evaluation. It is Bass' finding that the above well is a noncommercial producer. Please signify your concurrence with the above determination and return in the space provided below and return one (1) copy of this letter to the undersigned accordingly. Thank you very much and should you have any further questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

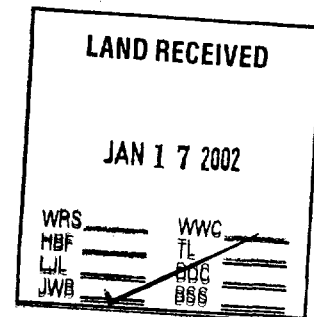
Date: _____

Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

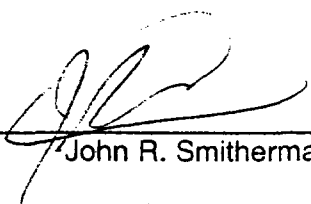
JANUARY 8, 2002

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT #71A
NASH DRAW (DELAWARE)
POKER LAKE UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF



Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Poker Lake Unit #71A was drilled in July 2001 to a TD of 7880' and was completed in the Delaware formation from perforations 7550-58', 7335-40'. The well is a sidetrack from the original wellbore drilled in 1989 to the Morrow formation. On test 9/15/2001 the well pumped 33 BOPD + 54 MCFPD + 247 BWPD (IP). This well is expected to recover approximately 22 MBO from the current zone.

The most current price file was used for oil and gas pricing. An operating cost of \$2500 per month was assumed, along with water hauling cost of \$2.16/BW until 3/2002 when the cost should drop to \$.15/BW. The Poker Lake Unit #71A will be a non commercial well.



John R. Smitherman

JRS MLL CDP
JRS/MLL/CDP

cc: Wayne Bailey

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL POKER LAKE UNIT #71A FORMATION DELAWARE
 LOCATION C UNIT, 660 FEET FROM NORTH LINE & 1980 FEET FROM WEST LINE
 SECTION 33 TOWNSHIP 23S RANGE 30E COUNTY EDDY NEW MEXICO
 SPUD DATE 7/9/2001 COMPLETION DATE 8/17/2001 INITIAL PRODUCTION 8/22/2001
 PERFORATIONS 7335-7340', 7550-58'

STIMULATION:

ACID 750 GALS 7 1/2" NEFE HCL ACID ("U")
500 GALS 7 1/2" NEFE HCL ACID ("Y")
 FRACTURE 65,400 GAL VIKING 30 + 206,500# 16/30 BRADY SD, 70,000# CR4000 SD

POTENTIAL 9/15/2001 PMPD 33 BO 54 MCF 247 BW
 (Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE		
Area (A) proration unit size, acres	<u>40</u>	_____	_____	_____
Porosity (por), %	<u>13.8%</u>	_____	_____	_____
Water Saturation (Sw), %	<u>64%</u>	_____	_____	_____
Net Thickness (h), ft.	<u>41</u>	_____	_____	_____
Temperature (T), Fahrenheit	<u>120</u>	_____	_____	_____
Bottom Hole Pressure (P), psia	<u>3224</u>	_____	_____	_____
Recovery Factor (RF), %	<u>15%</u>	_____	_____	_____
Recoverable Oil, Bbls * (See eq. Below)	<u>63,208</u>	_____	_____	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (1-SW) (1/Boi) (RF)

Boi= 1.5

PERFORMANCE DATA

(if sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>11/12/2001</u>	<u>1,224</u>	BBLS
		PRODUCING	
INITIAL RATE (qi)		<u>33</u>	
ECONOMIC LIMIT (ql)		<u>3</u>	
DECLINE RATE, dy (Hyperbolic, n=.99)		<u>45</u>	
REMAINING OIL (Q)=		<u>32,946</u>	
ULTIMATE RECOVERABLE OIL		<u>34,200</u>	

(Attach plat showing pro-ration unit and participating area.)

ECONOMIC

WELL COST	<u>\$691,000</u>	(to the depth of formation completed)
RECOMPLETION COST	<u>\$0</u>	
TOTAL COST	<u>\$691,000</u>	

<u>YEAR</u>	<u>GROSS OIL</u>	<u>REVENUE</u>	<u>OPERATING COST (Includes Sev. Tax & Ad Val Tax)</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				<u>(691,000)</u>
1	<u>2,400</u>	<u>44,600</u>	<u>49,200</u>	<u>(4,600)</u>
2	<u>5,900</u>	<u>114,800</u>	<u>52,400</u>	<u>57,000</u>
3	<u>4,000</u>	<u>81,800</u>	<u>37,900</u>	<u>36,700</u>
4	<u>3,000</u>	<u>62,200</u>	<u>35,800</u>	<u>20,100</u>
5	<u>2,400</u>	<u>49,900</u>	<u>34,400</u>	<u>10,700</u>
6	<u>2,000</u>	<u>41,900</u>	<u>33,500</u>	<u>5,300</u>
7	<u>1,800</u>	<u>36,100</u>	<u>32,900</u>	<u>1,900</u>
8	<u>700</u>	<u>13,900</u>	<u>13,600</u>	<u>200</u>
9				
10				
REMAINDER				
TOTAL	<u>22,200</u>	<u>\$445,200</u>	<u>\$289,700</u>	<u>-\$563,700</u>

WELL IS NOT COMMERCIAL

Date: INDWELLS
 Time: DBS:
 Settings: SETDATA
 Scenario: NWA

I N P U T D A T A				I N I T I A L C A L C U L A T E D D A T A								
ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate				
		TO	LOG									
400 START	08/2001											
401 OIL	851.67	X	B/M	28.15	IMU	B/0.999	45.00	28.149	12/2011	55.8	852.	89.
402 GAS/OIL	2.00	2.00	M/B									
403 WTR	3639.99	X	B/M	01/2002	AD	B/0.990	35.00	16.423	12/2001	41.5	3640.	2974.
404 "	2973.66	X	B/M	136.36	IMU	B/0.990	30.59	152.780	12/2011	35.5	2974.	546.
405 PRI/OIL	26.5600	26.5600	\$/B	07/2001	AD	FLAT	0.00		7/2001		26.560	26.560
511 "	27.31	27.31	\$/B	09/2001	AD	FLAT	0.00		8/2001		27.310	27.310
512 "	26.44	26.44	\$/B	10/2001	AD	FLAT	0.00		9/2001		26.440	26.440
513 "	22.21	22.21	\$/B	11/2001	AD	FLAT	0.00		10/2001		22.210	22.210
514 "	19.67	19.67	\$/B	12/2001	AD	FLAT	0.00		11/2001		19.670	19.670
515 "	19.46	19.46	\$/B	01/2002	AD	FLAT	0.00		12/2001		19.460	19.460
516 "	21.00	21.00	\$/B	02/2002	AD	FLAT	0.00		1/2002		21.000	21.000
517 "	21.62	21.62	\$/B	03/2002	AD	FLAT	0.00		2/2002		21.620	21.620
518 "	21.91	21.91	\$/B	04/2002	AD	FLAT	0.00		3/2002		21.910	21.910
519 "	22.02	22.02	\$/B	07/2002	AD	FLAT	0.00		6/2002		22.020	22.020
520 "	21.94	21.94	\$/B	10/2002	AD	FLAT	0.00		9/2002		21.940	21.940
521 "	21.86	21.86	\$/B	01/2003	AD	FLAT	0.00		12/2002		21.860	21.860
522 "	21.81	21.81	\$/B	05/2003	AD	FLAT	0.00		4/2003		21.810	21.810
523 "	21.77	21.77	\$/B	09/2003	AD	FLAT	0.00		8/2003		21.770	21.770
524 "	21.73	21.73	\$/B	01/2004	AD	FLAT	0.00		12/2003		21.730	21.730
525 "	21.65	21.65	\$/B	04/2004	AD	FLAT	0.00		3/2004		21.650	21.650
526 "	21.56	21.56	\$/B	07/2004	AD	FLAT	0.00		6/2004		21.560	21.560
527 "	21.48	21.48	\$/B	09/2004	AD	FLAT	0.00		8/2004		21.480	21.480
528 "	21.40	21.40	\$/B	11/2004	AD	FLAT	0.00		10/2004		21.400	21.400
529 "	21.32	21.32	\$/B	05/2005	AD	FLAT	0.00		4/2005		21.320	21.320
530 "	21.28	21.28	\$/B	10/2005	AD	FLAT	0.00		9/2005		21.280	21.280
531 "	21.23	21.23	\$/B	04/2006	AD	FLAT	0.00		3/2006		21.230	21.230
532 "	21.17	21.17	\$/B	09/2006	AD	FLAT	0.00		8/2006		21.170	21.170
533 "	21.11	21.11	\$/B	03/2007	AD	FLAT	0.00		2/2007		21.110	21.110
534 "	21.05	21.05	\$/B	09/2007	AD	FLAT	0.00		8/2007		21.050	21.050
535 "	20.99	20.99	\$/B	03/2008	AD	FLAT	0.00		2/2008		20.990	20.990
536 "	20.93	20.93	\$/B	08/2008	AD	FLAT	0.00		7/2008		20.930	20.930
537 "	20.87	20.87	\$/B	TO	LIFE	FLAT	0.00		12/2011		20.870	20.870
538 PRI/GAS	3.1600	3.1600	\$/M	07/2001	AD	FLAT	0.00		7/2001		3.160	3.160
539 "	3.19	3.19	\$/M	09/2001	AD	FLAT	0.00		8/2001		3.190	3.190
540 "	2.34	2.34	\$/M	10/2001	AD	FLAT	0.00		9/2001		2.340	2.340
541 "	1.86	1.86	\$/M	11/2001	AD	FLAT	0.00		10/2001		1.860	1.860
542 "	3.16	3.16	\$/M	12/2001	AD	FLAT	0.00		11/2001		3.160	3.160
543 "	2.28	2.28	\$/M	01/2002	AD	FLAT	0.00		12/2001		2.280	2.280
544 "	2.61	2.61	\$/M	02/2002	AD	FLAT	0.00		1/2002		2.610	2.610
545 "	2.27	2.27	\$/M	04/2002	AD	FLAT	0.00		3/2002		2.270	2.270
546 "	2.29	2.29	\$/M	05/2002	AD	FLAT	0.00		4/2002		2.290	2.290
547 "	2.35	2.35	\$/M	06/2002	AD	FLAT	0.00		5/2002		2.350	2.350
548 "	2.42	2.42	\$/M	07/2002	AD	FLAT	0.00		6/2002		2.420	2.420
549 "	2.48	2.48	\$/M	08/2002	AD	FLAT	0.00		7/2002		2.480	2.480
550 "	2.54	2.54	\$/M	10/2002	AD	FLAT	0.00		9/2002		2.540	2.540
551 "	2.59	2.59	\$/M	11/2002	AD	FLAT	0.00		10/2002		2.590	2.590

552 "	2.82	2.82 \$/M	12/2002 AD	FLAT	0.00	11/2002	2.820		
553 "	3.05	3.05 \$/M	01/2003 AD	FLAT	0.00	12/2002	3.050		
554 "	3.17	3.17 \$/M	02/2003 AD	FLAT	0.00	1/2003	3.170		
555 "	3.12	3.12 \$/M	03/2003 AD	FLAT	0.00	2/2003	3.120		
556 "	3.06	3.06 \$/M	04/2003 AD	FLAT	0.00	3/2003	3.060		
557 "	2.93	2.93 \$/M	06/2003 AD	FLAT	0.00	5/2003	2.930		
558 "	2.96	2.96 \$/M	07/2003 AD	FLAT	0.00	6/2003	2.960		
559 "	3.00	3.00 \$/M	08/2003 AD	FLAT	0.00	7/2003	3.000		
560 "	3.05	3.05 \$/M	10/2003 AD	FLAT	0.00	9/2003	3.050		
561 "	3.08	3.08 \$/M	11/2003 AD	FLAT	0.00	10/2003	3.080		
562 "	3.23	3.23 \$/M	12/2003 AD	FLAT	0.00	11/2003	3.230		
563 "	3.38	3.38 \$/M	01/2004 AD	FLAT	0.00	12/2003	3.380		
564 "	3.44	3.44 \$/M	02/2004 AD	FLAT	0.00	1/2004	3.440		
565 "	3.35	3.35 \$/M	03/2004 AD	FLAT	0.00	2/2004	3.350		
566 "	3.25	3.25 \$/M	04/2004 AD	FLAT	0.00	3/2004	3.250		
567 "	3.08	3.08 \$/M	06/2004 AD	FLAT	0.00	5/2004	3.080		
568 "	3.12	3.12 \$/M	07/2004 AD	FLAT	0.00	6/2004	3.120		
569 "	3.16	3.16 \$/M	08/2004 AD	FLAT	0.00	7/2004	3.160		
570 "	3.20	3.20 \$/M	11/2004 AD	FLAT	0.00	10/2004	3.200		
571 "	3.36	3.36 \$/M	12/2004 AD	FLAT	0.00	11/2004	3.360		
572 "	3.49	3.49 \$/M	01/2005 AD	FLAT	0.00	12/2004	3.490		
573 "	3.55	3.55 \$/M	02/2005 AD	FLAT	0.00	1/2005	3.550		
574 "	3.46	3.46 \$/M	03/2005 AD	FLAT	0.00	2/2005	3.460		
575 "	3.35	3.35 \$/M	04/2005 AD	FLAT	0.00	3/2005	3.350		
576 "	3.20	3.20 \$/M	07/2005 AD	FLAT	0.00	6/2005	3.200		
577 "	3.25	3.25 \$/M	11/2005 AD	FLAT	0.00	10/2005	3.250		
578 "	3.43	3.43 \$/M	12/2005 AD	FLAT	0.00	11/2005	3.430		
579 "	3.58	3.58 \$/M	01/2006 AD	FLAT	0.00	12/2005	3.580		
580 "	3.65	3.65 \$/M	02/2006 AD	FLAT	0.00	1/2006	3.650		
581 "	3.54	3.54 \$/M	03/2006 AD	FLAT	0.00	2/2006	3.540		
582 "	3.43	3.43 \$/M	04/2006 AD	FLAT	0.00	3/2006	3.430		
583 "	3.25	3.25 \$/M	06/2006 AD	FLAT	0.00	5/2006	3.250		
584 "	3.29	3.29 \$/M	08/2006 AD	FLAT	0.00	7/2006	3.290		
585 "	3.34	3.34 \$/M	11/2006 AD	FLAT	0.00	10/2006	3.340		
586 "	3.52	3.52 \$/M	12/2006 AD	FLAT	0.00	11/2006	3.520		
587 "	3.68	3.68 \$/M	01/2007 AD	FLAT	0.00	12/2006	3.680		
588 "	3.73	3.73 \$/M	02/2007 AD	FLAT	0.00	1/2007	3.730		
589 "	3.63	3.63 \$/M	03/2007 AD	FLAT	0.00	2/2007	3.630		
590 "	3.50	3.50 \$/M	04/2007 AD	FLAT	0.00	3/2007	3.500		
591 "	3.30	3.30 \$/M	06/2007 AD	FLAT	0.00	5/2007	3.300		
592 "	3.36	3.36 \$/M	08/2007 AD	FLAT	0.00	7/2007	3.360		
593 "	3.44	3.44 \$/M	11/2007 AD	FLAT	0.00	10/2007	3.440		
594 "	3.71	3.71 \$/M	TO LIFE	FLAT	0.00	12/2011	3.710		
600 ATX	0.50	0.50 %	TO LIFE	PC	0.00	7/2001	0.005		
601 OPC/T	2500.00	X \$/M	TO LIFE	PC	0.00	12/2011	2500.000		
603 STX/OIL	7.00	X %	TO LIFE	PC	0.00	12/2011	0.070		
605 STX/GAS	7.00	X %	TO LIFE	PC	0.00	12/2011	0.070		
606 OPC/WTR	2.16	2.16 \$/U	03/2002 AD	PC	0.00	7/2001	2.160		
607 "	0.15	0.15 \$/U	TO LIFE	PC	0.00	12/2011	0.070		
608 PAJ/OIL	-0.75	-0.75 \$/B	TO LIFE	PC	0	7/2001	-0.750		
609 PAJ/GAS	-1.00	-1.00 \$/M	TO LIFE	PC	0.00	7/2001	-1.000		
705 LSE/WI	95.6000	D %	TO LIFE	FLAT	0.00	12/2011	0.956		
720 NET/OIL	78.0000	D %	TO LIFE	FLAT	0.00	12/2011	0.780		
740 NET/GAS	78.0000	D %	TO LIFE	FLAT	0.00	12/2011	0.780		
OVERLAYS	Scheduling Rates		Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate

900 OIL 07/2001 0 290 363 417 # 1.070 10/2001

901 GAS 07/2001 0 0 263 # 0.263 10/2001

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 CAPITAL	296.00 422.00 M\$G	08/2001 AD	PC	718.000	8/2001	0	718.0	718.0
801 SALV	0.00 -20.00 M\$G	TO LIFE	PC	-20.000	12/2011	0	-20.0	-20.0

MISC. PARAMETERS

Item	Item
201 BTU	1.23
202 CUMO, MB	0.00
250 LOSS	NO

PROJECT RUN SETTINGS

Base Date : 08/2001 Time Frames : 5,48*12,619

P.W. Date : 08/2001 Primary PW% : 10.0 Discount Freq. : MO

Report Date : 08/2001

Qualifiers : Prod = NWA2 Price = NWA Cost = NWA Owner = NWA

NET/WTR Title = DEFAULT Misc = NWA Invest = NWA Overlay = NWA

WI

DATE : 01/10/2002
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 08/2001

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 6.8 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, % 95.600 95.600 95.600 95.600 95.600 95.600 95.600 95.600 95.600 95.600
 2) REVENUE INTEREST, % 78.000 78.000 78.000 78.000 78.000 78.000 78.000 78.000 78.000 78.000

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 686.4 0.0 0.0 0.0 0.0 0.0 0.0 -19.1 667.3
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 667.3

OIL PHASE

8) GROSS OIL, MB 2.4 5.9 4.0 3.0 2.4 2.0 1.8 0.7 22.3
 9) NET OIL, MB 1.9 4.6 3.1 2.4 1.9 1.6 1.4 0.5 17.4
 10) OIL REVENUE, M\$ 39.9 97.7 65.8 49.1 39.0 32.5 27.7 10.5 362.3
 11) OIL PRICE, \$/B 21.24 21.06 21.02 20.76 20.53 20.42 20.29 20.20 20.83

GAS PHASE

12) GROSS GAS, MMF 2.9 11.9 8.0 6.1 4.9 4.1 3.5 1.3 42.7
 13) NET GAS, MMF 2.3 9.3 6.3 4.7 3.8 3.2 2.7 1.0 33.3
 14) GAS REVENUE, M\$ 4.7 17.1 16.0 13.1 10.9 9.4 8.4 3.4 83.0
 15) GAS PRICE, \$/MCF 2.034 1.843 2.553 2.760 2.868 2.964 3.066 3.333 2.490

ECONOMICS, M\$

19) GROSS REV. TO INTR. 44.6 114.8 81.8 62.2 49.9 41.9 36.1 13.9 445.2
 20) - SEV. TAX 3.1 8.0 5.7 4.4 3.5 2.9 2.5 1.0 31.2
 21) - AD VALOREM TAX 0.2 0.5 0.4 0.3 0.2 0.2 0.2 0.1 2.1
 22) - OPERATING COSTS 45.9 43.9 31.8 31.1 30.7 30.4 30.2 12.5 256.5
 23) - SMD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME -4.6 62.3 43.9 26.4 15.5 8.4 3.2 0.3 155.5
 29) - INVESTMENTS & RSK 686.4 0.0 0.0 0.0 0.0 0.0 -19.1 667.3
 30) = BFIT NET -691.0 62.3 43.9 26.4 15.5 8.4 3.2 19.5 -511.8

PRESENT WORTH @ 10.00 %

31) NET INCOME -4.6 57.0 36.7 20.1 10.7 5.3 1.9 0.2 127.3
 32) INVESTMENTS & RISK 686.4 0.0 0.0 0.0 0.0 0.0 -10.0 676.4
 33) BFIT NET -691.1 57.0 36.7 20.1 10.7 5.3 1.9 10.2 -549.1
 34) CUM BFIT NET -691.1 -634.0 -597.3 -577.2 -566.5 -561.2 -559.3 -549.1 -549.1

DATE : 01/10/2002
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

A F T E R T A X E C O N O M I C S

AS OF DATE: 08/2001

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 6.8 YR TOTAL

TAX TREATMENT OF INVESTMENTS, M\$	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	TOTAL
1) EXP. RISK & CAP INT	403.4	0.0	0.0	0.0	0.0	0.0	0.0	-19.1	384.3
2) DEPLETABLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3) DEPRECIABLE	283.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	283.0

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	44.6	114.8	81.8	62.2	49.9	41.9	36.1	13.9	445.2
5) - SEVERANCE TAX	3.1	8.0	5.7	4.4	3.5	2.9	2.5	1.0	31.2
6) - OPR. COSTS & ATX	46.1	44.5	32.2	31.4	30.9	30.6	30.3	12.6	258.6
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	403.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	16.8	52.4	61.0	43.6	31.1	25.3	25.3	27.4	283.0
12) = NET	-424.9	9.9	-17.1	-17.2	-15.6	-16.9	-22.0	-7.9	-511.8
13) - DEPLETION TAKEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-424.9	9.9	-17.1	-17.2	-15.6	-16.9	-22.0	-7.9	-511.8
16) * TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17) - TAX CREDIT	28.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.3
18) = F.I.T.	-223.7	4.5	-7.9	-7.9	-7.2	-7.8	-10.1	-3.6	-263.7

19) REVENUE-SEV	41.5	106.8	76.1	57.8	46.5	39.0	33.6	12.9	414.1
20) - OPR. COSTS & ATX	46.1	44.5	32.2	31.4	30.9	30.6	30.3	12.6	258.6
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-223.7	4.5	-7.9	-7.9	-7.2	-7.8	-10.1	-3.6	-263.7
24) = A.F.I.T.	219.1	57.8	51.8	34.3	22.7	16.1	13.4	4.0	419.2
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	219.1	57.8	51.8	34.3	22.7	16.1	13.4	4.0	419.2
28) - INVESTMENTS & RSK	686.4	0.0	0.0	0.0	0.0	0.0	0.0	-19.1	667.3
29) = A.F.I.T. NET	-467.3	57.8	51.8	34.3	22.7	16.1	13.4	23.1	-248.1

PRESENT WORTH @ 10.00 %

30) NET INCOME	214.8	52.9	43.1	26.0	15.6	10.1	7.6	2.1	372.4
31) INVESTMENTS & RISK	686.4	0.0	0.0	0.0	0.0	0.0	0.0	-10.0	676.4
32) A.F.I.T. NET	-471.6	52.9	43.1	26.0	15.6	10.1	7.6	12.2	-304.0
33) CUM. A.F.I.T. NET	-471.6	-418.6	-375.5	-349.5	-333.9	-323.8	-316.2	-304.0	-304.0

DATE : 01/10/2002
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

E C O N O M I C I N D I C A T O R S

AS OF DATE: 08/2001

	B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	-511.775	-248.061	-459.372
5.	-532.550	-279.189	-471.506
10.	-549.094	-303.991	-479.751
15.	-562.530	-324.154	-485.778
20.	-573.629	-340.844	-490.438
25.	-582.939	-354.881	-494.205
30.	-590.850	-366.854	-497.359
35.	-597.653	-377.196	-500.074
40.	-603.562	-386.229	-502.463
50.	-613.323	-401.287	-506.541
60.	-621.054	-413.392	-509.969
70.	-627.331	-423.387	-512.947
80.	-632.531	-431.823	-515.590
90.	-636.912	-439.070	-517.974
100.	-640.654	-445.387	-520.148

PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

RATE OF RETURN, PCT.	0.0	0.0
UNDISCOUNTED PAYOUT, YRS.	6.83	6.83
DISCOUNTED PAYOUT, YRS.	6.83	6.83
UNDISCOUNTED NET/INVEST.	0.23	0.63
DISCOUNTED NET/INVEST.	0.19	0.55

NOTES

WELL HISTORY

WELL NAME: POKER LAKE UNIT NO. 71A

FIELD NAME: NASH DRAW (DELAWARE)

LOCATION: 660' FNL & 1980' FWL, SEC 33, T23S, R30E, UNIT C

ELEV: 3349.3' GL, 3374.3' KB

SPUD DATE: 3/25/89 RE-ENTER WELL 7/10/2001

COMP DATE: P&A 5/90

ORIG TD: 14,822; PBSD 14,779'

NEW TD: 7880', PBSD 7796'

CSG: 20" 94#/FT K-55 CSA 618'. CMTD W/1650 SX. CMT CIRC. HOLE SIZE 26". 1" CTS

13-3/8" 68 & 72#/FT CSA 3753'. CMTD W/2500 SX. CMT CIRC. HOLE SIZE 17-1/2".

9-5/8" 47 & 53#/FT CSA 11145'. CMT W/1450 SX. FULL RETURNS DURING COMPLETE CMT JOB. HOLE SIZE 12-1/4". CSG CUT OFF @ 6213'.

5 1/2" 15.5# K55 LTC 0-6356', 17# L80 LTC 6356-7880'. CMT 2 STAGES. 1ST 650 SXS, STAGE 2 1450 SXS. TEMP SURV, TOC 3212'.

TBG: 2 7/8" N80 6.5# EOT @ 7116'.

DST:

CORES & LOGS: SCH DLL, MSFL 4/23/89; 5/22/89
SCH CNL 4/23/89; 5/22/89
ATLAS WL, GR 6/8/89
MORCO MUD LOG 4/1-5/23/89
SCH PEX-AIT 7/27/2001

ORGINIAL COMPLETION: 6/6/89 TO 8/14/89 - PERF MIDDLE & UPPER MORROW. CO TO PBSD @ 14,779'. SPOT 250 GALS 10% ACETIC ACID. RAN CBL 14780-9500 (WESTERN ATLAS). PERFORATED 14226-14266, 14341-14359' W/VANNGUN TCP. NO FLOW. PULLED GUNS. RAN ATLAS VERTILOG TO VERIFY PERFS. PERFS ON DEPTH.

PERF LOWER MORROW, TREAT INDIVIDUAL INTERVALS. PERF'D 14471-14500' & 14516-14522'. SET RBP @14,505', PKR @14,400'. DISPLACED SPOT ACID. SWAB VERY LITTLE GAS. ACIDIZE PERFS 14471-14500 (LOWER MORROW) W/7000 GALS 7-1/2% HCl + N₂ + RCNB'S @ 5.2 BPM @ 5550 PSI. ISIP 5150#. SWAB BACK. NO GAS FLOW. MOVE RBP TO 14,416'. SET PKR @ 14,309'. ACIDIZE MIDDLE MORROW PERFS 14341-14359' W/3600 GALS 7-1/2% MOROFLO ACID + N₂ + RCNBS @ 5.7 BPM @6400 PSI. ISIP 5300 PSI.

SWAB, SMALL GAS FLARE. MOVE RBP TO 14310'. SET PKR @14,182'. ACDZ UPPER MORROW PERFS 14226-14266' W/8000 GALS MOROFLOW ACID + N₂ + RCNBS @ 5.4 BPM @ 5850 PSI. ISIP 4920 PSI. SWAB, WEAK GAS FLOW. RETRIEVE RBP & PKR. RIH W/NEW RBP & PKR. SET RBP @ 14,405'. SET PKR @ 14,310'. SWAB TEST PERFS 14341-14359' (MIDDLE MORROW). SMALL FLARE. SWF PERFS 14341-14359' W/16404 GALS VERSAGEL INTERPROP @ 11 BPM @ 8560 PSI. ISIP 5820 PSI. SWAB, OCCASIONAL GAS FLARE.

ABANDON MORROW, PERF ATOKA. RETRIEVE RBP & PKR. SET CIBP @ 14,200'. CAP W/50' CMT. PERF'D SQZ HOLES 13,292'-293'. SET CMT RET @13,265'. SQZ W/140 SX CL H W/6% HALAD 9. DO CMT RET & CMT. TEST SQZ TO 2000#. RAN CBL FROM 13490-12850. PERF'D ATOKA BANK 13317-13332' WITH 3-1/2" CSG GUN. RAN PKR. SURGED PERFS. SMALL FLARE. ACIDIZED W/3000 GALS MOD 202 ACID + N₂ @ 4 BPM @ 6750 PSI. WEAK FLOW.

PERF'D ATOKA SAND 13202-13206 WITH 1-11/16" STRIP GUN. SWAB, SMALL FLARE (50 MCFPD). SHUT WELL IN TO EVALUATE

CURRENT PERFS: 7335'-40' (U SAND), 7550-58' (Y SAND) BEHIND RBP

OLD PERFS: 13202-13206, 13292-13293 (SQZ W/140 SX), 13317-13332, 14226-14266, 14341-14359, 14471-14500, 14516-14522' (ORGINIAL)

WO/RECOMP: MAY, 1990 - P&A

SET 5-1/2" CIBP @ 13150' & CAP W/50' CMT. NEW PBTD: 13100'. LOAD HOLE W/MUD. CUT OFF 9-5/8" CSG @ 6213'.

SPOT 50 SX CMT @ 11050'.
SPOT 75 SX CMT @ 8100'.
SPOT 75 SX @ 6390; TAG @ 6215'.
SPOT 70 SX CMT @ 5750'.
SPOT 75 SX CMT @ 3800' - NO TAG; SPOT 75 SX @ 3800' - NO TAG; SPOT 75 SX CMT @ 3800' - TAG @ 3683'.
SPOT 75 SX CMT @ 608'.
SPOT 35 SX CMT @ 50' TO SURF. INSTALL P&A MARKER.

RE-ENTRY

7/10/2001 RU Patterson. Clean out existing hole to 6029'. Spot 300 sxs Cl H, TOC 5998'. Side track hole. Drld 7 7/8" hole to 7880'. RU Sch, run logs. Run 35 jts 5 1/2" 17# L80 + 147 jts 5 1/2" 15.5# k55, DV tool @ 5790'. Cmt w/ 2112 sxs cmt. TOC 3212' by Temp Surf. RR 7/30/2001. RU PU.

COMPLETION:
8/6/2001 TO 11/1/2001

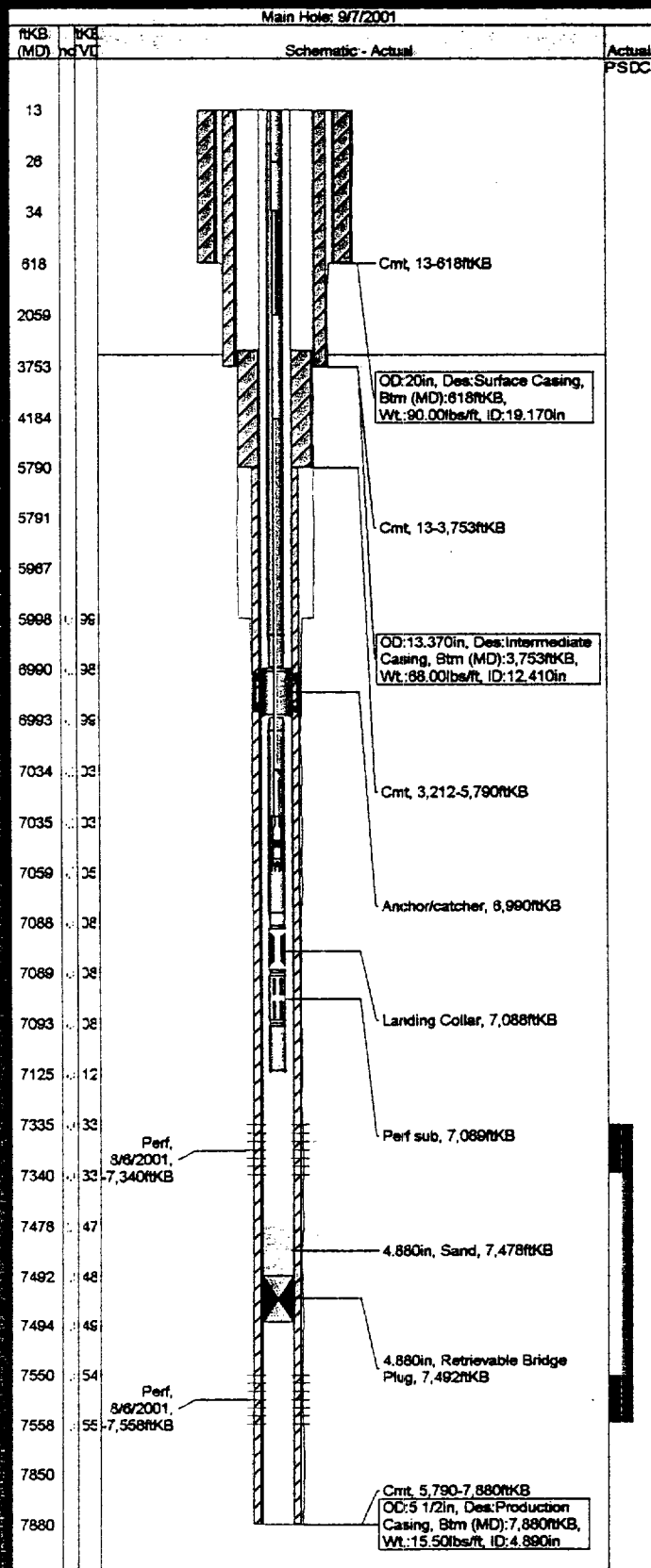
PBTD 7796'. Circ well w/ 200 bbl KCL wtr, RIH w/ GR-CCL. PERF Y sand 7550-58' 2 JSPF (16 shots), U sand 7335-40' (5 shots). Spot 750 gal 7 1/2" NEFE HCL acid @ 7601'. Broke perfs 7550-58 @ 3700 psi, Pmp 7.8 BPM 2620 psi. Spot 500 gal 7 1/2" NEFE HCL acid @ 7317', Broke perfs 7335-40' @ 3200 psi, pmpd acid

4.8 BPM 2610 psi. RU to Frac. 8/9/2001 - Frac perms w/ 65,400 gal Viking 30, 206,500# 16/30 Brady sd, 70,000# CR4000. ISIP 548 , 15 min 420 psi. Wash fill to 7790', Run after frac log. RIH w/ 2 7/8" 6.5 N80 tbg, SN, TAC. EOT @ 7125'. RIH w/ rods & pmp. Place on prod.

10/25/2001

POH w/ tbg and rods. RIH w/ 2 7/8" tbg, w/ Lok set pkr w/ k-valve @ 7492'. Pmp 50 bbls 2% KCL, Set pkr, pmp 30 bbl 2% kCL.. POH. RIH w/ tbg and rods, EOT @ 7116'. Place on Prod. PERFS 7335-40' IP 9/15/2001 33 BO 54 MCF 247 BW.

Field Name NASH DRAW (DELAWARE)			County Eddy		State/Province New Mexico		Well Type Pumping Oil		Current Well Status Sidetrack		
KB Elev (ft) 3362.70	Ground Elev (ft) 3349.30	Spud Date 7/10/2001	Rig Release Date 7/30/2001	Abandon Date	PBTD (ftKB) 7,796.0	Total Depth 7880	Well File Author CDP	Engineer in Charge MLL			
Surface Legal Location T: 23S,R: 30E,Sec: 33,Unit: C, NM,EDDY				NS Dist. (ft) 660.0	NS Flag N	EW Dist. (ft) 1980.0	EW Flag E	Comment			



Sz (in)	Top (ftKB)	Btm (ftKB)
26	13.0	618.0
17 1/2	618.0	3,753.0
12.252	3,753.0	5,998.0
7 7/8	5,998.0	7,880.0

Directional Survey: Main Hole

Date: **7/18/2001** Survey Company: **Ryan Energy**

Surface Casing: 618.0

Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Csg	20	19.170	13.37	90.00		13.0	618.0	

Intermediate Casing: 3,753.0

Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Csg	117	13.37	12.410	68.00		13.0	3,753.0	

Production Casing: 7,880.0

Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing	133	5 1/2	4.950	15.50	K55	13.0	5,790.0	
DV Tool		5 1/2	4.950	15.50		5,790.0	5,791.0	
Casing		5 1/2	4.890	17.00	L80	5,791.0	7,880.0	

Comments:

- Cmt: 13.0 Top (ftKB), 618.0 Bottom (ftKB), 1650 SXS, 1" CTS
- Cmt: 13.0 Top (ftKB), 3,753.0 Bottom (ftKB), 2500 SXS, CIRC TO SURF
- Cmt: 3,212.0 Top (ftKB), 5,790.0 Bottom (ftKB), 1450 SXS, TOC @ 3212 TS
- Cmt: 5,790.0 Top (ftKB), 7,880.0 Bottom (ftKB), 650 SXS

Tubing set at 7,125.0 on 8/13/2001 00:00

Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)
Tubing	220	2 7/8	2.441	6.50	J-55		13.0	6,990.0
Anchor/catcher		5 1/2					6,990.0	6,993.0
Tubing	3	2 7/8	2.441	6.50	J-55		6,993.0	7,088.0
Landing Collar		2 7/8					7,088.0	7,089.0
Perf sub		2 7/8					7,089.0	7,093.0
Tubing/BP&Collar	1	2 7/8	2.441	6.40	C-75		7,093.0	7,125.0

Other In Hole

Des	OD (in)	Top (ftKB)	Btm (ftKB)	Run	Pull
Sand	4.88	7,478.0	7,492.0	9/7/2001 00:00	
Retrievable Bridge Plug	4.88	7,492.0	7,494.0	9/7/2001 00:00	

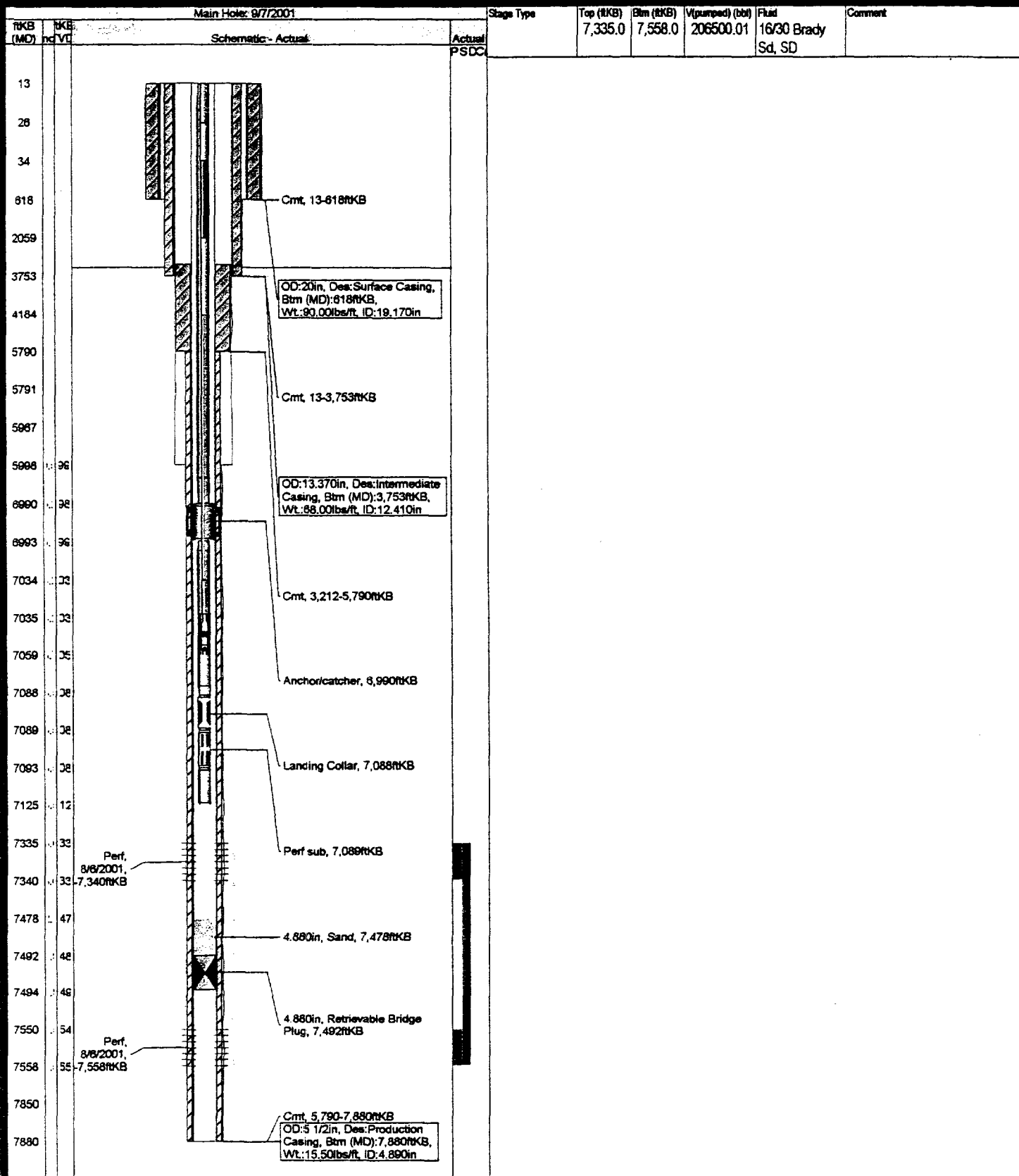
Perforations

Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Type	Shot Total	Date	Curr. Stat.
7,335.0	7,340.0	1.0		5	8/6/2001 00:00	Open - Flowing
7,550.0	7,558.0	2.0		16	8/6/2001 00:00	RBP

Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbl)	Fluid	Comment
	7,335.0	7,558.0	65400.00	Viking 30, Gel	

Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbl)	Fluid	Comment
	7,335.0	7,558.0	70000.00	CR4000, SD	

Field Name NASH DRAW (DELAWARE)		County Eddy		State/Province New Mexico		Well Type Pumping Oil		Well Configuration Type Sidetrack	
KB Elev (ft) 3362.70	Ground Elev (ft) 3349.30	Spud Date 7/10/2001	Rig Release Date 7/30/2001	Abandon Date	PBTD (ftKB) 7,796.0	Total Depth 7880	Well File Author CDP	Engineer in Charge MLL	
Surface Legal Location T: 23S,R: 30E,Sec: 33,Unit: C, NM,EDDY				NS Dist. (ft) 660.0	NS Flag N	EW Dist. (ft) 1980.0	EW Flag E	Comment	



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC-069108

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
POKER LAKE UNIT

8. Lease Name and Well No.
POKER LAKE UNIT 71

9. API Well No.
30-015-26084

10. Field and Pool, or Exploratory
NASH DRAW (DELAWARE)

11. Sec., T., R., M., or Block and Survey
or Area Sec 33 T23S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

17. Elevations (DF, KB, RT, GL)*
3349 GL

1a. Type of Well Oil Well Gas Well Dry Other

b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO

Contact: TAMI WILBER
E-Mail: twilber@basspet.com

3. Address P. O. BOX 2760
MIDLAND, TX 79702

3a. Phone No. (include area code)
Ph: 915.683.2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface NENW 660FNL 1980FWL

At top prod interval reported below NENW 660FNL 1980FWL

At total depth NENW 660FNL 1980FWL

14. Date Spudded
07/09/2001

15. Date T.D. Reached
07/28/2001

16. Date Completed
 D & A Ready to Prod.
08/17/2001

18. Total Depth: MD 7880
TVD

19. Plug Back T.D.: MD 7790
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS TD LD CN/GR

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
26.000	20.000	94.0	0	605				0	0
17.500	13.375	72.0	0	3740				0	0
7.875	5.500 K55	15.5	13	6356		662		5790	0
7.875	5.500 L80	17.0	6356	7880		1450		3450	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7125							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7335	7340	7335 TO 7340	0.250	16	PRODUCING
B)			7550 TO 7558	0.250	5	RBP @ 7492', 2 SX SAND ON TOP
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7335 TO 7558	ACIDIZE W/ 1250 GALS 7-1/2% NEFE HCL ACID
7335 TO 7558	FRAC DOWN CASING W/ 65.400 GALS VIKING 30 + 206,500# 16/30 BRADY SAND + 70,000# CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
08/22/2001	09/15/2001	24	→	33.0	54.0	247.0			GAS PUMPING UNIT
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
14/64*	SI	160.0	→	33	54	247	1636	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		→						

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-107
 Supersedes O-128
 Effective 1-1-85

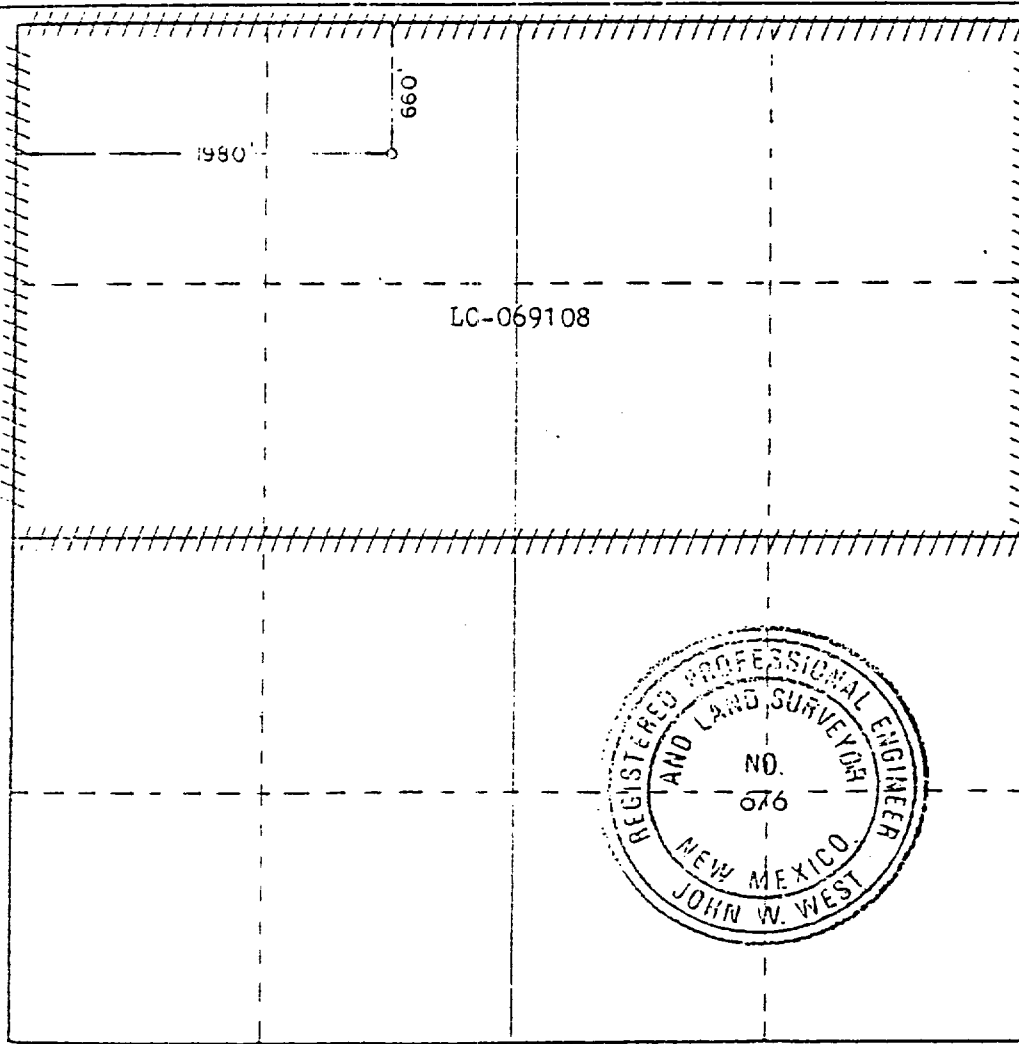
All distances must be from the outer boundaries of the Section

Owner Bettis Boyle & Stovall			Lease Poker Lake Unit		Well No. 71
Tract Letter C	Section 33	Township 23 South	Range 30 East	County Eddy	
Approximate Location of Well: 660 feet from the north line and 1980 feet from the west line					
Surface Level Elev. 3349.3	Producing Formation Nash Draw	Pool Delaware		Estimated Acreage 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?
 Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Terry W. Franklin

Name
Terry W. Franklin

Agent

Company
Bettis, Boyle & Stovall

Date
February 16, 1989

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 knowledge and belief.

Date Surveyed
July 5, 1988

Registered Professional Engineer and Land Surveyor

John W. West

Certificate No. **JOHN W. WEST, 676**
RONALD J. EIDSON, 5239

045500

SHEET No. 1 OF 1

DATE: 07/17/01

NATURE OF WORK

BASS ENTERPRISES PRODUCTION CO., P.L.U. #71A

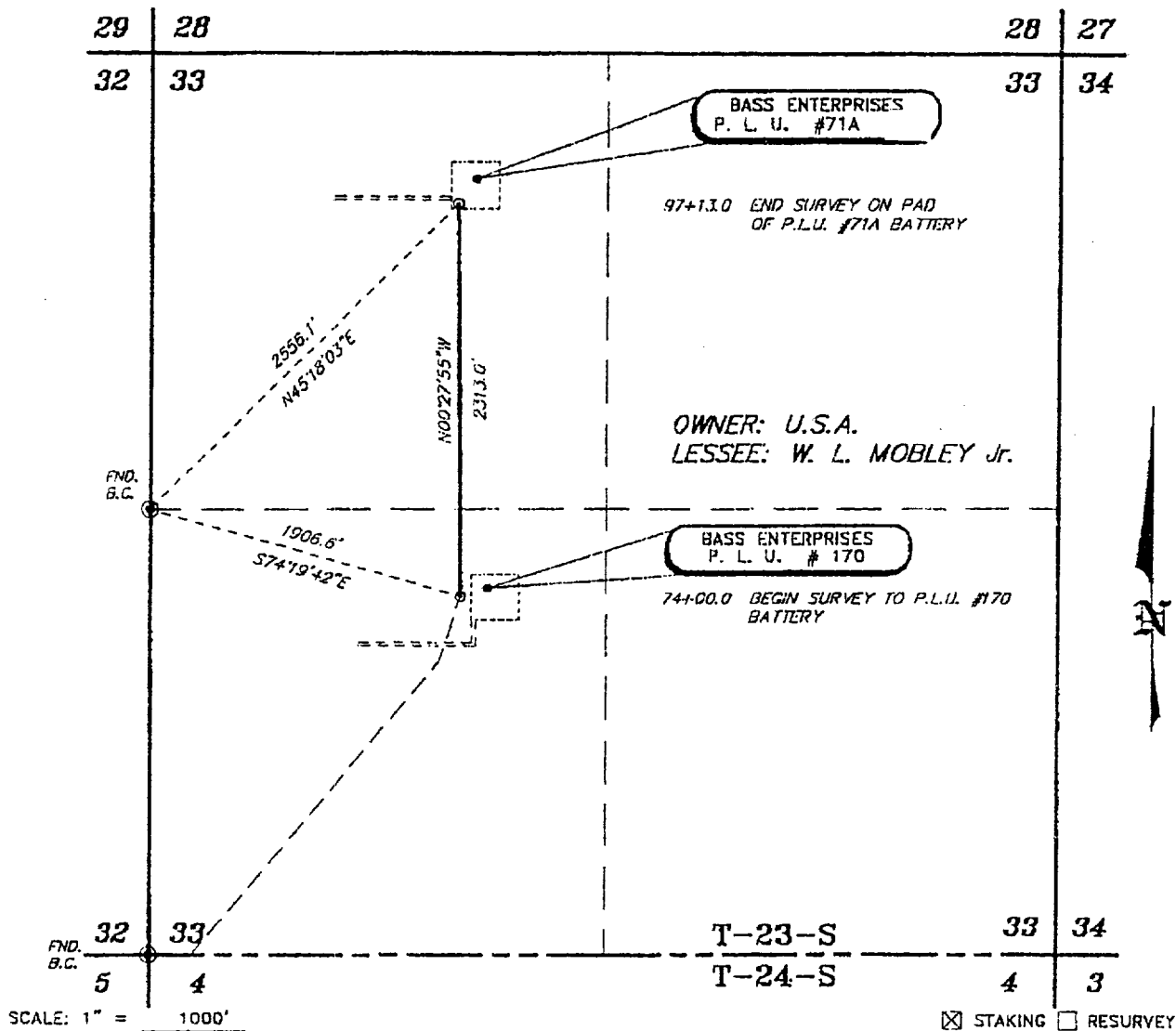
LINE No.

DISTRICT WEST PERMIAN PLANT OR STATION EAST CARLSBAD JOB OR AFE No. 100102204

SECTION 33 TOWNSHIP 23 S RANGE 30 E SURVEY N.M.P.M. COUNTY EDDY STATE N.M.

STUDY No. 2001ECB008

RELEASE ONE



LEGAL DESCRIPTION

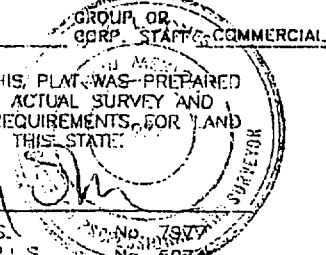
A STRIP OF LAND 50.0 FEET WIDE, LOCATED IN SECTION 33, TOWNSHIP 23 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO AND BEING 25.0 FEET LEFT AND RIGHT OF THE ABOVE PLATTED CENTERLINE SURVEY.

2313.0 FEET = 140.18 RODS = 0.44 MILES

SIGNED

I HEREBY CERTIFY THAT THIS PLAT WAS PREPARED FROM FIELD NOTES OF AN ACTUAL SURVEY AND MEETS OR EXCEEDS ALL REQUIREMENTS FOR LAND SURVEYS AS SPECIFIED BY THIS STATE.

GARY L. JONES N.M. P.S. TEXAS P.L.S.



PTRE&C No.: EDDY 2088

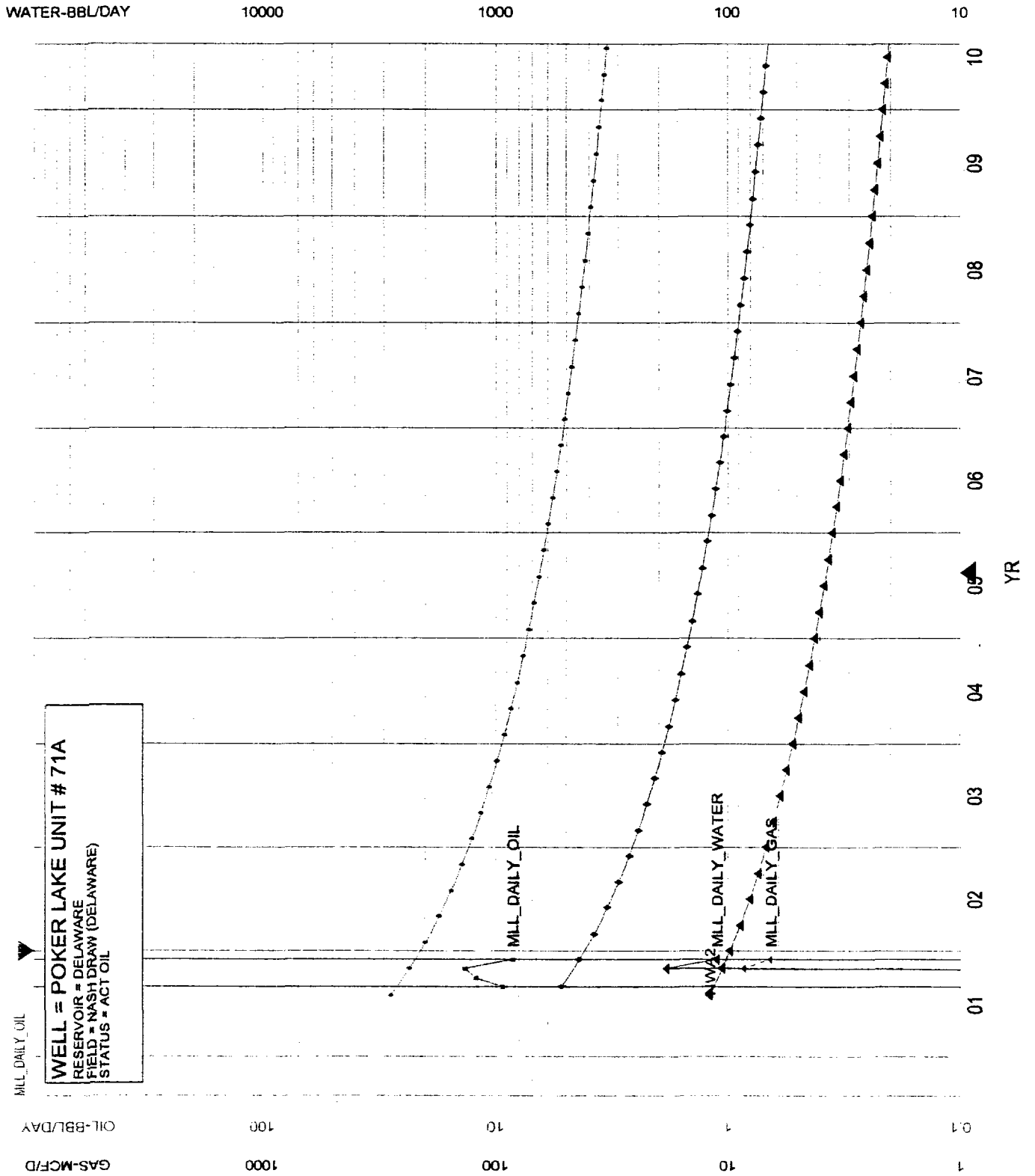
BASIN SURVEYS

P.O. BOX 1786 - HOBBS, NEW MEXICO
W.O. Number: 1651 JLP #1- DUK1651

MLL_DAILY_OIL_ NWAZ
 Qual= 1/2002
 Ref= 1976
 Cum=

MLL_DAILY_GAS_ NWAZ
 Qual= 1/2002
 Ref= 1798
 Cum=

MLL_DAILY_WATER_ NWAZ
 Qual= 1/2002
 Ref= 12094
 Cum=



COMMISSIONER'S OFFICE

Phone (505) 827-5760
Fax (505) 827-5766

ADMINISTRATION

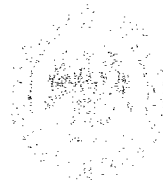
Phone (505) 827-5700
Fax (505) 827-5853

GENERAL COUNSEL

Phone (505) 827-5713
Fax (505) 827-4262

PUBLIC AFFAIRS

Phone (505) 827-1245
Fax (505) 827-5766



COMMERCIAL RESOURCES

Phone (505) 827-5724
Fax (505) 827-6157

MINERAL RESOURCES

Phone (505) 827-5744
Fax (505) 827-4739

ROYALTY MANAGEMENT

Phone (505) 827-5772
Fax (505) 827-4739

SURFACE RESOURCES

Phone (505) 827-5793
Fax (505) 827-5711

**New Mexico State Land Office
Commissioner of Public Lands
Ray Powell, M.S., D.V.M.**

January 22, 2002

Bass Enterprises Production Company
201 Main Street, Suite 2900
Fort Worth, Texas 76102

Attention: Mr. Wayne Bailey

Re: Poker Lake Unit
Commercial Well Determination
Unit Well No. 148
SE/4NE/4 Sec. 32-24S-31E
Eddy County, New Mexico

Dear Mr. Bailey:

We are in receipt of your letter of December 18, 2001 together with the commercial determination data for the Poker Lake Unit Well No. 148 located in the SE/4NE/4 of Section 32-24S-31E.

The Bureau of Land Management, by their letter of January 16, 2002 advised this office that the Poker Lake Unit Well No 148 was determined to be capable of producing in paying quantities from the Wolfcamp formation

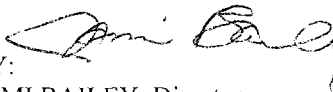
Please be advised that the Commissioner of Public Lands concurs with the Bureau of Land Management's determinations that the Poker Lake Unit Well No 148 is a commercial well in the Wolfcamp formation and is entitled to participate in the Wolfcamp Participating Area.

Please submit an application for the appropriate expansion of the Wolfcamp Participating Area to this office for approval.

If you have any questions or if we may be of further help, please contact Pete Martinez at (505) 827-5791.

Very truly yours,

RAY POWELL, M.S., D.V.M.
COMMISSIONER OF PUBLIC LANDS

BY: 
JAMI BAILEY, Director
Oil, Gas and Minerals Division
(505) 827-5744
RP/JB/pm

pc: Reader File,
OCD-Santa Fe, Attention: Mr. Roy Johnson
TRD-Santa Fe, Attention: Mr. Valdean Severson
BLM-Attention: Mr. Armando Lopez

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 20, 2002

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Roy Johnson

Attention: Mr. Larry Bray

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Re: Second Revision Delaware "C" Participating Area
W/2 NW/4 Section 32, T23S-R30E
W/2 SW/4 Section 32, T23S-R30E
SE/4, E/2 SW/4 Section 31, T23S-R30E
W/2 NW/4 Section 5, T24S-R30E
NE/4, E/2 NW/4 Section 6, T24S-R30E
W/2 SW/4 Section 5, T24S-R30E
SE/4, E/2 SW/4 Section 6, T24S-R30E
NE/4 Section 7, T24S-R30E
W/2 NW/4 Section 8, T24S-R30E
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

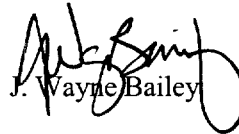
Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the Second Revision to the Participating Area for the Delaware "C" Formation in the Poker Lake Unit consisting of 1280 acres containing the above tracts more specifically described on the attached Exhibit "A".

In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed Second Revision for the Delaware "C" Formation.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Delaware "C" Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed participating area revision is predicated upon the knowledge and information first obtained upon the completion of Unit Well No. 154 located in the NE/4 SE/4 of Section 6, T24S-R30E on July 1, 2001. It should be noted that the area in the proposed revised area set forth above contains unit well Nos. 155 and 157, all of which have been previously determined as capable of producing in commercial quantities. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the Second Revision to the Delaware "C" Participating Area to be effective July 1, 2001. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2002

BUREAU OF LAND MANAGEMENT

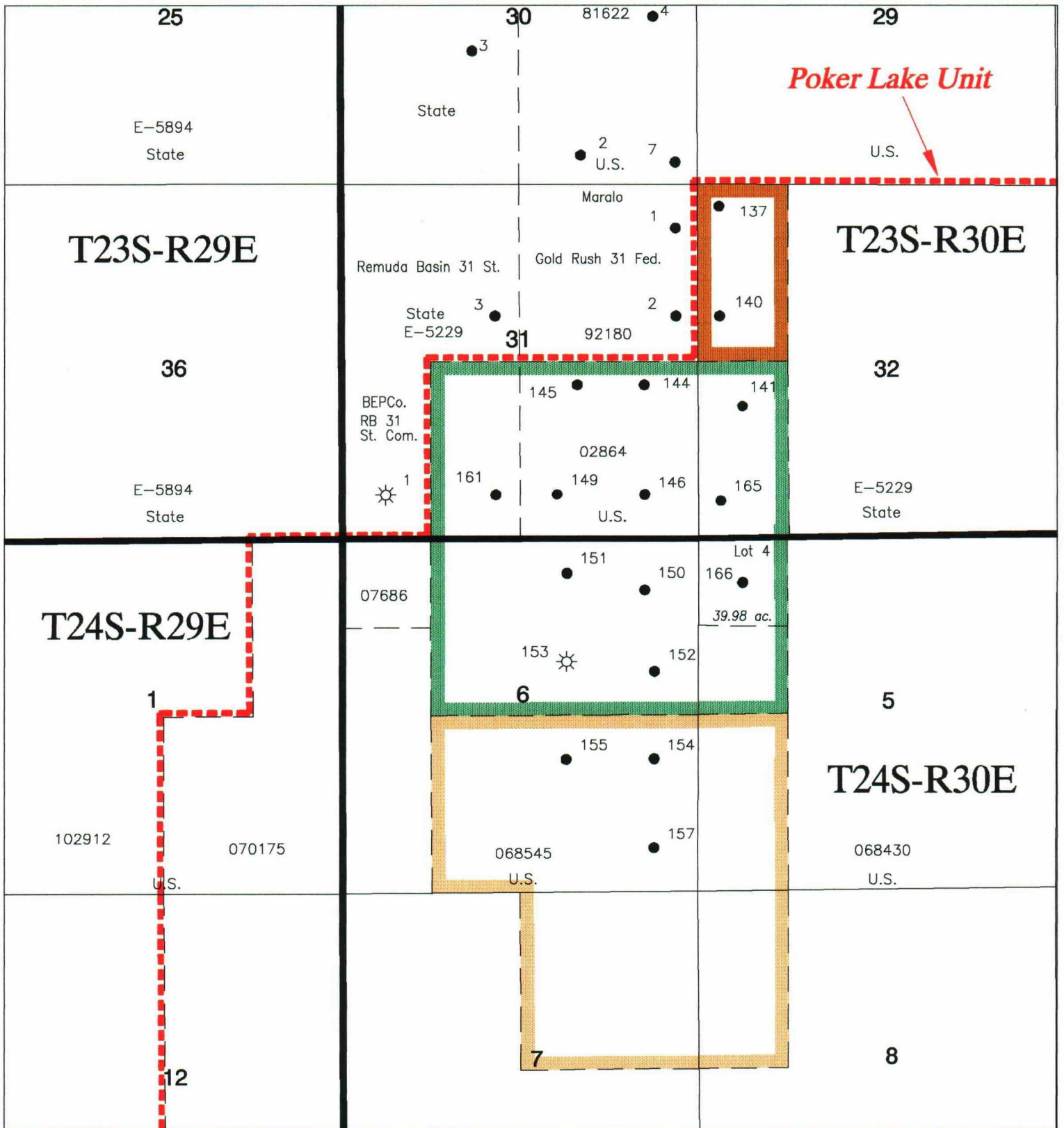
By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____



Poker Lake Unit

T23S-R29E

T23S-R30E

T24S-R29E

T24S-R30E

LEGEND



Initial Delaware "C"
Participating Area - (9-9-97) 80 Acres



First Revision to Initial Delaware "C"
Participating Area - (11-1-99) 720 Acres



Second Revision to Initial Delaware "C"
Participating Area - (7-01-01) 1279.98 Acres

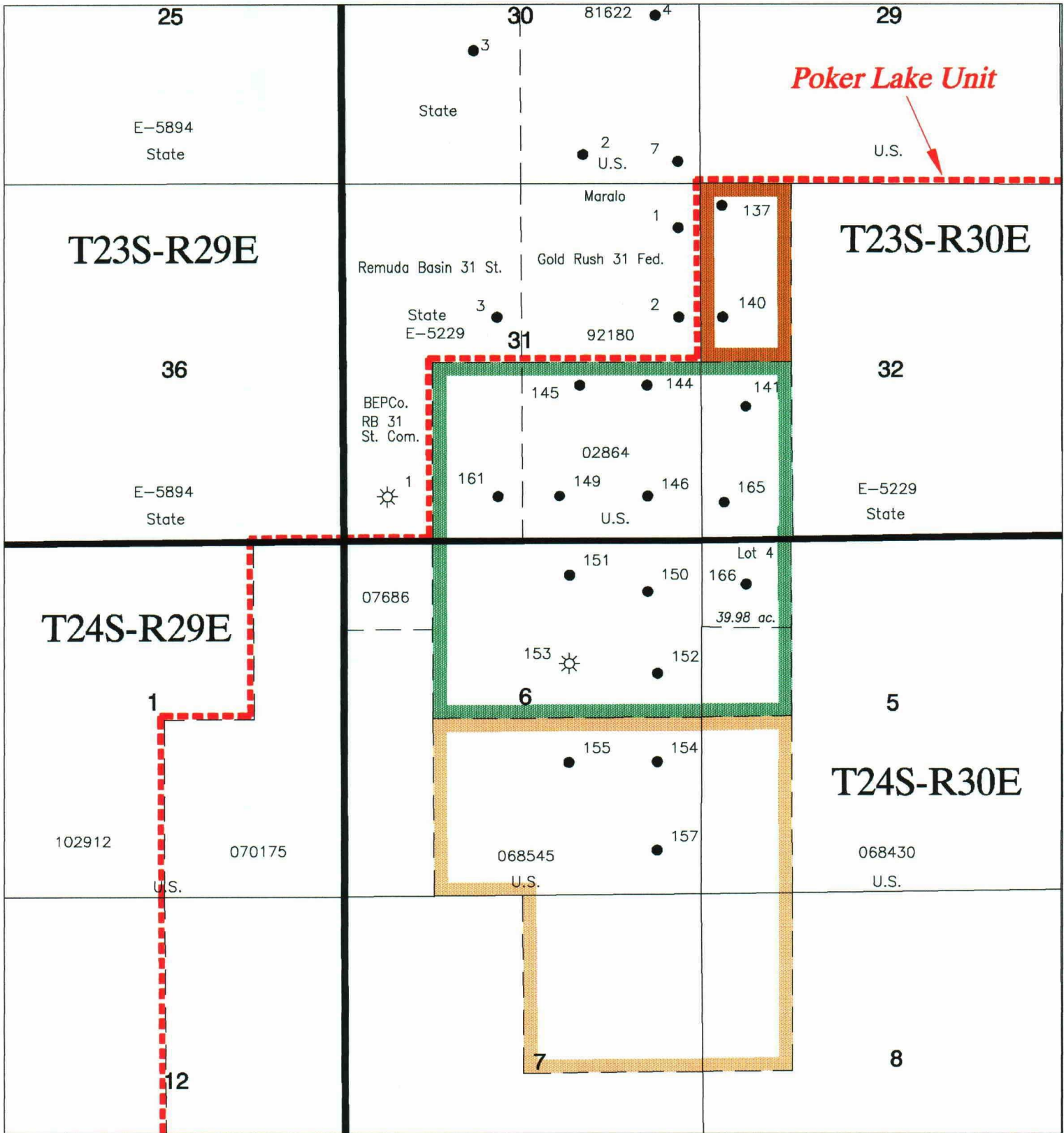


Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 2-19-02	INTER. BY: WC	SCALE: 1" = 2000'
DEPT: Land	DRAFTED BY: PO	DWG: dlwr c 2rev pa.dwg



Poker Lake Unit



LEGEND



Initial Delaware "C"
Participating Area - (9-9-97) 80 Acres



First Revision to Initial Delaware "C"
Participating Area - (11-1-99) 720 Acres



Second Revision to Initial Delaware "C"
Participating Area - (7-01-01) 1279.98 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 2-19-02	INTER. BY: WC	SCALE: 1" = 2000'
DEPT: Land	DRAFTED BY: PO	DWG: dlwr c 2rev pa.dwg

EXHIBIT "B"

**Second Revision to Initial Delaware "C" Participating Area
Poker Lake Federal Unit
Eddy County, New Mexico**

<u>Tract No.</u>	<u>Lease No.</u>	<u>Description</u>	<u>Participating Acres</u>	<u>Percentage of Participation</u>	<u>Working Interest Owners</u>
11	NM-02864	Section 31: T23S-R30E SE/4	160	12.500	Bass Enterprises Production Co. – 100%
13-a	NM-03075	Section 6: T24S-R30E; NE/4 NW/4	40	3.125	Bass Enterprises Production Co. – 100%
42	LC-063430	Section 5: T24S-R30E W/2 NW/4, W/2 SW/4	159.98	12.500	Bass Enterprises Production Co. - 100%
43	LC-063431	Section 8: T24S-R30E W/2 NW/4	80	6.250	Bass Enterprises Production Co. - 100%
44	LC-063545	Section 6: T24S-R30E NE/4, SE/4 NW/4, SE/4, E/2 SW/4 and Section 7: T24S-R30E NE/4	600	46.875	Bass Enterprises Production Co. – 100%
62	E-5229-1	Section 31: T23S-R30E E/2 SW/4 and Section 32: T23S-R30E W/2 W/2	240	18.750	Bass Enterprises Production Co. – 100%
Totals			1279.98	100.000%	
Total Federal Lands:		1039.98 Acres (81.25%)			
Total State Lands:		240.00 Acres (18.75%)			
Total Fee Lands:		<u>0.00</u> Acres			
Total		1279.98 Acres			

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation
Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Corrected Information
Poker Lake Unit No. 153
Commercial Determination
Section 6, T24S-R30E
Eddy County, New Mexico

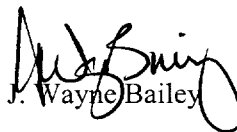
Gentlemen:

As your records will show, Bass submitted a determination of commercial production for the above well by letter dated August 22, 2001. The BLM and State Land Office concurred with Bass' determination. Please find attached hereto Pages 1 and 2 of Bass' Commercial Determination Worksheet for the above well. Two corrections have been made as follows:

1. "Date of initial production" has been changed from 4/16/2000 to 4/16/2001.
2. "Net thickness" has been changed to 43' to 24'.

The above corrections do not change the commerciality of the above well, and the above information is being provide for your files. Should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #153 _____ FORMATION _____ MORROW _____
 LOCATION _____ G _____ UNIT, _____ 1830 _____ FEET FROM NORTH LINE & _____ 1980 _____ FEET FROM EAST LINE
 SECTION _____ 6 _____ TOWNSHIP _____ 24S _____ RANGE _____ 30E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 12/7/2000 _____ COMPLETION DATE _____ 4/12/2001 _____ INITIAL PRODUCTION _____ 4/16/2001
 PERFORATIONS _____ 14053-14067', 14181-14216', 14388-14408' (below CIBP) _____

STIMULATION:

ACID _____ 14053-14067': Acidize well with 500 gals 10% HCL with methanol. _____
 _____ 14181-14216': Acidize well with 1000 gals 10% HCL/30% Methanol mixture. _____

FRACTURE _____

POTENTIAL _____ (06/14/2001): 0 BO + 7 BW + 2854 MCF. _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	320	_____	320	_____
Porosity (por), %	8.5%	_____	10.2%	_____
Water saturation (Sw), %	22%	_____	42%	_____
Net Thickness (h), ft.	24	_____	24	_____
Temperature (T), Fahrenheit	200	_____	200	_____
Bottom Hole pressure (P), psia	6,080	_____	6,080	_____
Recovery factor (RF), %	70%	_____	70%	_____
Recoverable gas, MMCF *(See eq. below)	4,618	_____	4,128	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Form Jla = (7758) (A) (h) (por) (1-Sw) (Bgi) (RF)/1000

Bgi = 1.67 MCF/RB

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>6/30/2001</u>	<u>146,499</u>	MCF Gas	<u>0</u>	BBL Oil
INITIAL RATE (qi)		<u>68,234</u>			
ECONOMIC LIMIT (ql)		<u>3,040</u>			
DECLINE RATE, dy		<u>Harmonic (d = 40%)</u>			
REMAINING GAS (Q) =		<u>3,693,001</u>			
ULTIMATE RECOVERABLE GAS		<u>3,839,500</u>			

(Attach plot showing proration unit and participating area.)

ECONOMICWELL COST \$2,899,760.00 (to the depth of formation completed)

RECOMPLETION COST \$ _____

TOTAL COST \$2,899,760.00

<u>YEAR</u>	<u>GROSS GAS MMCF</u>	<u>BFIT NET REVENUE (\$M)</u>	<u>OPERATING COST (\$M) INCL SEV & AD VAL TAX</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO	<u>0.0</u>	<u>0</u>	<u>0.0</u>	<u>-2,900</u>
1	<u>499.8</u>	<u>1476.9</u>	<u>132.0</u>	<u>1299.0</u>
2	<u>498.0</u>	<u>1477.0</u>	<u>136.5</u>	<u>1194.4</u>
3	<u>353.7</u>	<u>1059.7</u>	<u>103.0</u>	<u>774.4</u>
4	<u>274.7</u>	<u>809.5</u>	<u>92.9</u>	<u>534.6</u>
5	<u>224.7</u>	<u>642.2</u>	<u>69.5</u>	<u>382.7</u>
6	<u>190.2</u>	<u>534.9</u>	<u>60.9</u>	<u>287.9</u>
7	<u>164.9</u>	<u>458.8</u>	<u>54.8</u>	<u>223.0</u>
8	<u>145.6</u>	<u>404.8</u>	<u>50.5</u>	<u>177.8</u>
9	<u>130.4</u>	<u>362.5</u>	<u>47.0</u>	<u>143.8</u>
10	<u>118.0</u>	<u>328.1</u>	<u>44.3</u>	<u>117.7</u>
REMAINDER	<u>1239.4</u>	<u>3445.6</u>	<u>624.4</u>	<u>603.0</u>
TOTAL	3,839	11,000	1,416	2,839

WELL IS COMMERCIAL

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determinations
Poker Lake Unit No. 155
Poker Lake Unit No. 157
Nash Draw (Delaware) Field
Section 6, T24S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto commercial determinations for the above wells which have been completed as commercial producers. Also attached is Bass' Interoffice Memorandum which explains certain criteria used for the above commercial determinations. The above wells are located outside the boundaries of the Delaware "C" PA First Revision, therefore, Bass will submit to the BLM and State Land Office the Delaware "C" PA Second Revision for your review. Please signify your concurrence with the above commercial determination in the space provided below and return one (1) copy of this letter to the undersigned at your earliest convenience. Thank you very much and should you have any further questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 7, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
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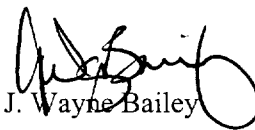
New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determinations
Poker Lake Unit No. 155
Poker Lake Unit No. 157
Nash Draw (Delaware) Field
Section 6, T24S-R30E
Eddy County, New Mexico

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Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

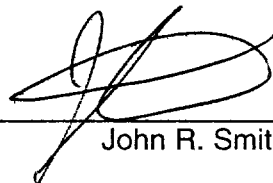
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

JANUARY 8, 2002

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT #155, #157
NASH DRAW (DELAWARE)
POKER LAKE UNIT
EDDY COUNTY, NEW MEXICO
FILE: 982-GF

Attached are the worksheets and necessary attachments for the subject wells to be submitted for commercial determination. The Poker Lake Unit #155 was drilled in June 2001 to a TD of 7510' and was completed in the Delaware formation. The well is producing from perforations 7192-7202. On test 9/4/2001 the well pumped 123 BOPD + 400 MCFPD + 91 BWPD (IP). This well is expected to recover approximately 99 MBO from the current zone. The Poker Lake Unit #157 was drilled in August 2001 to a TD of 7450'. The well is producing from 7222-7281' and was potentialed at 255 BO + 1033 MCF + 88 BW. This well is expected to recover approximately 95 MBO.

The most current price file was used for oil and gas pricing. An operating cost of \$2500 per month was assumed, along with water hauling cost of \$1.56/BW until 3/2002 when the cost should drop to \$.15/BW. Both of these wells will be commercial wells and should receive a participating area.



John R. Smitherman

MLL
CDP
JRS/MLL/CDP

cc: Wayne Bailey

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #155 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ J _____ UNIT, _____ 1980 FEET FROM _____ SOUTH LINE & _____ 1980 FEET FROM _____ EAST LINE
 SECTION _____ 6 _____ TOWNSHIP _____ 24S _____, RANGE _____ 30E _____, COUNTY _____ EDDY _____, NEW MEXICO
 SPUD DATE _____ 6/18/2001 _____ COMPLETION DATE _____ 7/22/2001 _____ INITIAL PRODUCTION _____ 7/26/2001 _____
 PERFORATIONS _____ 7192-7202' _____

STIMULATION:

ACID _____ 750 Gals 7 1/2% NEFE HCL Acid _____

FRACTURE _____ 55,300 gals Viking 30, 184,000# 16/30 Brady Sand + 60,000# CR4000 Sand _____

POTENTIAL _____ (P) 123 BO, 400 MCF, 91 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.1%	
Water saturation (Sw), %	53%	
Net Thickness (h), ft.	40	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,118	
Recovery factor (RF), %	15%	
Recoverable oil, BBLS *(See eq. below)	70,592	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>8/30/2001</u> ; <u>5688</u> BBLS
INITIAL RATE (qi)	<u>155</u> BOPD
ECONOMIC LIMIT (qi)	<u>3</u> BOPD
DECLINE RATE, dy (Hyperbolic, n=1.01)	<u>d =71 %</u>
REMAINING OIL (Q) =	<u>95,512</u> STB
ULTIMATE RECOVERABLE OIL (STB)	<u>101,200</u> STB

(Attach plot showing proration unit and participating area.)

ECONOMICWELL COST : 840,664 (to the depth of formation completed)RECOMPLETION COST \$ 0TOTAL COST 840,664

YEAR	GROSS OIL	REVENUE	OPERATING COST (Includes Sev. Tax & Ad Val Tax)	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-840,664</u>
1	<u>16,800</u>	<u>414,800</u>	<u>69,000</u>	<u>340,400</u>
2	<u>20,100</u>	<u>462,400</u>	<u>77,100</u>	<u>354,800</u>
3	<u>11,100</u>	<u>290,400</u>	<u>55,000</u>	<u>196,900</u>
4	<u>7,700</u>	<u>209,800</u>	<u>48,300</u>	<u>122,700</u>
5	<u>5,900</u>	<u>164,300</u>	<u>44,500</u>	<u>82,700</u>
6	<u>4,800</u>	<u>135,800</u>	<u>41,900</u>	<u>58,900</u>
7	<u>4,100</u>	<u>116,200</u>	<u>40,200</u>	<u>43,300</u>
8	<u>3,500</u>	<u>104,000</u>	<u>39,200</u>	<u>33,600</u>
9	<u>3,100</u>	<u>91,800</u>	<u>38,100</u>	<u>25,300</u>
10	<u>2,800</u>	<u>82,000</u>	<u>37,300</u>	<u>19,100</u>
REMAINDER	<u>18,400</u>	<u>521,600</u>	<u>354,500</u>	<u>52,000</u>
TOTAL	<u>98,300</u>	<u>\$2,593,100</u>	<u>\$845,100</u>	<u>\$489,036</u>

WELL IS COMMERCIAL

Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: NWA

I N P U T D A T A			I N I T I A L C A L C U L A T E D D A T A					
ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 START	08/2001							
401 OIL	5170.83 X B/M	06/2020 AD	B/1.010	99.247	5/2020	91.5	5171.	112.
402 "	111.65 X B/M	5.03 IMU	EXP	104.273	7/2024	5.0	112.	90.
403 GAS	10950.00 X M/M	12/2009 AD	B/1.020	282.953	11/2009	66.4	10950.	1114.
404 "	1104.72 X M/M	101.67 IMU	EXP	384.626	7/2025	10.0	1105.	212.
405 WTR	3627.46 X B/M	218.59 IMU	B/0.999	218.588	12/2025	40.6	3627.	264.
406 PRI/OIL	26.5600 26.5600 \$/B	07/2001 AD	FLAT		7/2001		26.560	26.560
511 "	27.31 27.31 \$/B	09/2001 AD	FLAT		8/2001		27.310	27.310
512 "	26.44 26.44 \$/B	10/2001 AD	FLAT		9/2001		26.440	26.440
513 "	22.21 22.21 \$/B	11/2001 AD	FLAT		10/2001		22.210	22.210
514 "	19.67 19.67 \$/B	12/2001 AD	FLAT		11/2001		19.670	19.670
515 "	19.46 19.46 \$/B	01/2002 AD	FLAT		12/2001		19.460	19.460
516 "	21.00 21.00 \$/B	02/2002 AD	FLAT		1/2002		21.000	21.000
517 "	21.62 21.62 \$/B	03/2002 AD	FLAT		2/2002		21.620	21.620
518 "	21.91 21.91 \$/B	04/2002 AD	FLAT		3/2002		21.910	21.910
519 "	22.02 22.02 \$/B	07/2002 AD	FLAT		6/2002		22.020	22.020
520 "	21.94 21.94 \$/B	10/2002 AD	FLAT		9/2002		21.940	21.940
521 "	21.86 21.86 \$/B	01/2003 AD	FLAT		12/2002		21.860	21.860
522 "	21.81 21.81 \$/B	05/2003 AD	FLAT		4/2003		21.810	21.810
523 "	21.77 21.77 \$/B	09/2003 AD	FLAT		8/2003		21.770	21.770
524 "	21.73 21.73 \$/B	01/2004 AD	FLAT		12/2003		21.730	21.730
525 "	21.65 21.65 \$/B	04/2004 AD	FLAT		3/2004		21.650	21.650
526 "	21.56 21.56 \$/B	07/2004 AD	FLAT		6/2004		21.560	21.560
527 "	21.48 21.48 \$/B	09/2004 AD	FLAT		8/2004		21.480	21.480
528 "	21.40 21.40 \$/B	11/2004 AD	FLAT		10/2004		21.400	21.400
529 "	21.32 21.32 \$/B	05/2005 AD	FLAT		4/2005		21.320	21.320
530 "	21.28 21.28 \$/B	10/2005 AD	FLAT		9/2005		21.280	21.280
531 "	21.23 21.23 \$/B	04/2006 AD	FLAT		3/2006		21.230	21.230
532 "	21.17 21.17 \$/B	09/2006 AD	FLAT		8/2006		21.170	21.170
533 "	21.11 21.11 \$/B	03/2007 AD	FLAT		2/2007		21.110	21.110
534 "	21.05 21.05 \$/B	09/2007 AD	FLAT		8/2007		21.050	21.050
535 "	20.99 20.99 \$/B	03/2008 AD	FLAT		2/2008		20.990	20.990
536 "	20.93 20.93 \$/B	08/2008 AD	FLAT		7/2008		20.930	20.930
537 "	20.87 20.87 \$/B	TO LIFE	FLAT		7/2024		20.870	20.870
538 PRI/GAS	3.1600 3.1600 \$/M	07/2001 AD	FLAT		7/2001		3.160	3.160
539 "	3.19 3.19 \$/M	09/2001 AD	FLAT		8/2001		3.190	3.190
540 "	2.34 2.34 \$/M	10/2001 AD	FLAT		9/2001		2.340	2.340
541 "	1.86 1.86 \$/M	11/2001 AD	FLAT		10/2001		1.860	1.860
542 "	3.16 3.16 \$/M	12/2001 AD	FLAT		11/2001		3.160	3.160
543 "	2.28 2.28 \$/M	01/2002 AD	FLAT		12/2001		2.280	2.280
544 "	2.61 2.61 \$/M	02/2002 AD	FLAT		1/2002		2.610	2.610
545 "	2.27 2.27 \$/M	04/2002 AD	FLAT		3/2002		2.270	2.270
546 "	2.29 2.29 \$/M	05/2002 AD	FLAT		4/2002		2.290	2.290
547 "	2.35 2.35 \$/M	06/2002 AD	FLAT		5/2002		2.350	2.350
548 "	2.42 2.42 \$/M	07/2002 AD	FLAT		6/2002		2.420	2.420
549 "	2.48 2.48 \$/M	08/2002 AD	FLAT		7/2002		2.480	2.480
550 "	2.54 2.54 \$/M	10/2002 AD	FLAT		9/2002		2.540	2.540

551	2.59	2.59 \$/M	11/2002	AD	FLAT	0.00	10/2002	2.590	2.590
552	2.82	2.82 \$/M	12/2002	AD	FLAT	0.00	11/2002	2.820	2.820
553	3.05	3.05 \$/M	01/2003	AD	FLAT	0.00	12/2002	3.050	3.050
554	3.17	3.17 \$/M	02/2003	AD	FLAT	0.00	1/2003	3.170	3.170
555	3.12	3.12 \$/M	03/2003	AD	FLAT	0.00	2/2003	3.120	3.120
556	3.06	3.06 \$/M	04/2003	AD	FLAT	0.00	3/2003	3.060	3.060
557	2.93	2.93 \$/M	06/2003	AD	FLAT	0.00	5/2003	2.930	2.930
558	2.96	2.96 \$/M	07/2003	AD	FLAT	0.00	6/2003	2.960	2.960
559	3.00	3.00 \$/M	08/2003	AD	FLAT	0.00	7/2003	3.000	3.000
560	3.05	3.05 \$/M	10/2003	AD	FLAT	0.00	9/2003	3.050	3.050
561	3.08	3.08 \$/M	11/2003	AD	FLAT	0.00	10/2003	3.080	3.080
562	3.23	3.23 \$/M	12/2003	AD	FLAT	0.00	11/2003	3.230	3.230
563	3.38	3.38 \$/M	01/2004	AD	FLAT	0.00	12/2003	3.380	3.380
564	3.44	3.44 \$/M	02/2004	AD	FLAT	0.00	1/2004	3.440	3.440
565	3.35	3.35 \$/M	03/2004	AD	FLAT	0.00	2/2004	3.350	3.350
566	3.25	3.25 \$/M	04/2004	AD	FLAT	0.00	3/2004	3.250	3.250
567	3.08	3.08 \$/M	06/2004	AD	FLAT	0.00	5/2004	3.080	3.080
568	3.12	3.12 \$/M	07/2004	AD	FLAT	0.00	6/2004	3.120	3.120
569	3.16	3.16 \$/M	08/2004	AD	FLAT	0.00	7/2004	3.160	3.160
570	3.20	3.20 \$/M	11/2004	AD	FLAT	0.00	10/2004	3.200	3.200
571	3.36	3.36 \$/M	12/2004	AD	FLAT	0.00	11/2004	3.360	3.360
572	3.49	3.49 \$/M	01/2005	AD	FLAT	0.00	12/2004	3.490	3.490
573	3.55	3.55 \$/M	02/2005	AD	FLAT	0.00	1/2005	3.550	3.550
574	3.46	3.46 \$/M	03/2005	AD	FLAT	0.00	2/2005	3.460	3.460
575	3.35	3.35 \$/M	04/2005	AD	FLAT	0.00	3/2005	3.350	3.350
576	3.20	3.20 \$/M	07/2005	AD	FLAT	0.00	6/2005	3.200	3.200
577	3.25	3.25 \$/M	11/2005	AD	FLAT	0.00	10/2005	3.250	3.250
578	3.43	3.43 \$/M	12/2005	AD	FLAT	0.00	11/2005	3.430	3.430
579	3.58	3.58 \$/M	01/2006	AD	FLAT	0.00	12/2005	3.580	3.580
580	3.65	3.65 \$/M	02/2006	AD	FLAT	0.00	1/2006	3.650	3.650
581	3.54	3.54 \$/M	03/2006	AD	FLAT	0.00	2/2006	3.540	3.540
582	3.43	3.43 \$/M	04/2006	AD	FLAT	0.00	3/2006	3.430	3.430
583	3.25	3.25 \$/M	06/2006	AD	FLAT	0.00	5/2006	3.250	3.250
584	3.29	3.29 \$/M	08/2006	AD	FLAT	0.00	7/2006	3.290	3.290
585	3.34	3.34 \$/M	11/2006	AD	FLAT	0.00	10/2006	3.340	3.340
586	3.52	3.52 \$/M	12/2006	AD	FLAT	0.00	11/2006	3.520	3.520
587	3.68	3.68 \$/M	01/2007	AD	FLAT	0.00	12/2006	3.680	3.680
588	3.73	3.73 \$/M	02/2007	AD	FLAT	0.00	1/2007	3.730	3.730
589	3.63	3.63 \$/M	03/2007	AD	FLAT	0.00	2/2007	3.630	3.630
590	3.50	3.50 \$/M	04/2007	AD	FLAT	0.00	3/2007	3.500	3.500
591	3.30	3.30 \$/M	06/2007	AD	FLAT	0.00	5/2007	3.300	3.300
592	3.36	3.36 \$/M	08/2007	AD	FLAT	0.00	7/2007	3.360	3.360
593	3.44	3.44 \$/M	11/2007	AD	FLAT	0.00	10/2007	3.440	3.440
594	3.71	3.71 \$/M	TO	LIFE	FLAT	0.00	7/2024	3.710	3.710
600	2500.00	X \$/M	TO	LIFE	PC	0.00	7/2024	2500.000	2500.000
602	7.00	X %	TO	LIFE	PC	0.00	7/2024	0.070	0.070
604	7.00	X %	TO	LIFE	PC	0.00	7/2024	0.070	0.070
605	0.50	0.50 %	TO	LIFE	PC	0.00	7/2001	0.005	0.005
606	1.56	1.56 \$/U	03/2002	AD	PC	0.00	7/2001	1.560	1.560
607	0.15	0.15 \$/U	TO	LIFE	PC	0.00	7/2024	0.150	0.070
608	-0.75	-0.75 \$/B	TO	LIFE	PC	0	7/2001	-0.750	-0.750
609	-1.00	-1.00 \$/M	TO	LIFE	PC	0.00	7/2001	-1.000	-1.000
705	100.0000	D %	TO	LIFE	FLAT	0.00	7/2024	1.000	1.000
720	84.5000	D %	TO	LIFE	FLAT	0.00	7/2024	0.845	0.845
740	84.5000	D %	TO	LIFE	FLAT	0.00	7/2024	0.845	0.845
780	0.0000	D %	TO	LIFE	FLAT	0.00	7/2024	0.000	0.000

OVERLAYS	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
900 OIL	07/2001 998 4690 2812 3608 #			13.106	10/2001			
901 GAS	07/2001 1704 18161 9617 9612 #			40.798	10/2001			
INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 CAPITAL	285.60 555.00 M\$G	08/2001 AD	PC	840.600	8/2001	0	840.6	840.6
801 SALV	-25.00 0.00 M\$G	TO LIFE	PC	-25.000	7/2024	0	-25.0	-25.0

MISC. PARAMETERS

Item	Item
201 BTU	1.23
202 CUMO, MB	1.00
250 LOSS	NO
	CUMG, MMF
	1.70
	CUML, MB

PROJECT RUN SETTINGS

Base Date : 08/2001 Time Frames : 5,48*12,619
 P.P.W. Date : 08/2001 Primary PW% : 10.0 Discount Freq. : MO
 Report Date : 08/2001

Qualifiers : Prod = NWA2 Price = NWA Cost = NWA Owner = NWA
 Title = DEFAULT Misc = NWA Invest = NWA Overlay = NWA

NET/WTR WI

DATE : 01/09/2002
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : NWA

R E S E R V E S A N D E C O N O M I C S
AS OF DATE: 08/2001

PERIOD ENDING	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	12/2010	S TOT	AFTER	TOTAL
OWNERSHIP													
1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000
2) REVENUE INTEREST, %	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500	84.500
INVESTMENTS, M\$													
3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
4) EQUITY INVESTMENTS	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.6	-25.0	815.6
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	815.6	815.6
OIL PHASE													
8) GROSS OIL, MB	16.8	20.1	11.1	7.7	5.9	4.8	4.1	3.5	3.1	2.8	79.8	18.4	98.2
9) NET OIL, MB	14.2	17.0	9.4	6.5	5.0	4.1	3.4	3.0	2.6	2.3	67.5	15.5	83.0
10) OIL REVENUE, M\$	322.5	357.3	197.0	135.3	102.7	83.0	69.5	59.7	52.4	46.8	1426.0	312.8	1738.8
11) OIL PRICE, \$/B	22.69	21.04	21.02	20.76	20.53	20.42	20.29	20.17	20.12	20.12	21.14	20.12	20.95
GAS PHASE													
12) GROSS GAS, MMF	53.5	67.6	43.3	32.0	25.4	21.1	18.0	15.8	14.0	12.5	303.1	74.1	377.2
13) NET GAS, MMF	45.2	57.1	36.6	27.0	21.5	17.8	15.2	13.3	11.8	10.5	256.1	62.6	318.8
14) GAS REVENUE, M\$	92.3	105.1	93.4	74.6	61.5	52.8	46.7	44.4	39.4	35.1	645.4	208.8	854.2
15) GAS PRICE, \$/MCF	2.043	1.839	2.553	2.760	2.868	2.964	3.066	3.333	3.333	3.333	2.520	3.333	2.680
ECONOMICS, M\$													
19) GROSS REV. TO INTR.	414.8	462.4	290.4	209.8	164.3	135.8	116.2	104.0	91.8	82.0	2071.4	521.6	2593.0
20) - SEV. TAX	29.0	32.4	20.3	14.7	11.5	9.5	8.1	7.3	6.4	5.7	145.0	36.5	181.5
21) - AD VALOREM TAX	1.9	2.1	1.4	1.0	0.8	0.6	0.5	0.5	0.4	0.4	9.6	2.4	12.1
22) - OPERATING COSTS	38.1	42.6	33.3	32.6	32.2	31.8	31.6	31.4	31.3	31.2	336.0	315.6	651.6
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	345.7	385.3	235.4	161.6	119.8	93.8	75.9	64.9	53.7	44.7	1580.8	167.1	1747.9
29) - INVESTMENTS & RSK	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.6	-25.0	815.6
30) = BFIT NET	-494.9	385.3	235.4	161.6	119.8	93.8	75.9	64.9	53.7	44.7	740.2	192.1	932.3
PRESENT WORTH @ 10.00 %													
31) NET INCOME	340.4	354.8	196.9	122.7	82.7	58.9	43.3	33.6	25.3	19.1	1277.7	52.0	1329.7
32) INVESTMENTS & RISK	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.6	-3.9	836.7
33) BFIT NET	-500.2	354.8	196.9	122.7	82.7	58.9	43.3	33.6	25.3	19.1	437.1	55.9	493.0
34) CUM BFIT NET	-500.2	-145.4	51.4	174.2	256.9	315.8	359.0	392.6	417.9	437.1	437.1	493.0	493.0

TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

A F T E R T A X E C O N O M I C S

AS OF DATE: 08/2001

PERIOD ENDING	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	12/2010	S TOT	AFTER	19.7 YR TOTAL
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TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	555.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	555.0	0.0	555.0
2) DEPLETABLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3) DEPRECIABLE	285.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	285.6	-25.0	260.6

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	414.8	462.4	290.4	209.8	164.3	135.8	116.2	104.0	91.8	82.0	2071.4	521.6	2593.0
5) - SEVERANCE TAX	29.0	32.4	20.3	14.7	11.5	9.5	8.1	7.3	6.4	5.7	145.0	36.5	181.5
6) - OPR. COSTS & ATX	40.0	44.7	34.6	33.6	32.9	32.5	32.1	31.9	31.7	31.5	345.6	318.0	663.6
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	555.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	555.0	0.0	555.0
11) - DEPRECIATION	17.0	52.9	61.6	44.0	31.4	25.5	25.5	25.5	2.1	0.0	285.6	0.0	285.6
12) = NET	-226.2	332.3	173.8	117.6	88.4	68.3	50.4	39.4	51.6	44.7	740.2	167.1	907.3
13) - DEPLETION TAKEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-226.2	332.3	173.8	117.6	88.4	68.3	50.4	39.4	51.6	44.7	740.2	167.1	907.3
16) * TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17) - TAX CREDIT	28.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	28.6	0.0	28.6
18) = F.I.T.	-132.6	152.9	79.9	54.1	40.7	31.4	23.2	18.1	23.7	20.6	311.9	76.9	388.8
19) REVENUE-SEV	385.8	430.0	270.0	195.1	152.8	126.3	108.1	96.8	85.4	76.2	1926.4	485.1	2411.5
20) - OPR. COSTS & ATX	40.0	44.7	34.6	33.6	32.9	32.5	32.1	31.9	31.7	31.5	345.6	318.0	663.6
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-132.6	152.9	79.9	54.1	40.7	31.4	23.2	18.1	23.7	20.6	311.9	76.9	388.8
24) = A.F.I.T.	478.4	232.4	155.5	107.5	79.2	62.4	52.7	46.8	30.0	24.1	1268.9	90.2	1359.1
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	478.4	232.4	155.5	107.5	79.2	62.4	52.7	46.8	30.0	24.1	1268.9	90.2	1359.1
28) - INVESTMENTS & RSK	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.6	-25.0	815.6
29) = A.F.I.T. NET	-362.2	232.4	155.5	107.5	79.2	62.4	52.7	46.8	30.0	24.1	428.3	115.2	543.5

PRESENT WORTH @ 10.00 %

30) NET INCOME	469.0	213.0	129.5	81.4	54.5	39.0	30.0	24.2	14.1	10.3	1065.0	28.0	1093.0
31) INVESTMENTS & RISK	840.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	840.6	-3.9	836.7
32) A.F.I.T. NET	-371.6	213.0	129.5	81.4	54.5	39.0	30.0	24.2	14.1	10.3	224.4	31.9	256.3
33) CUM. A.F.I.T. NET	-371.6	-158.7	-29.2	52.2	106.7	145.8	175.8	200.0	214.1	224.4	224.4	256.3	256.3

TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

E C O N O M I C I N D I C A T O R S

AS OF DATE: 08/2001

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

0.	932.299	543.502	1006.484
5.	669.644	372.272	595.937
10.	492.983	256.289	378.274
15.	365.969	171.921	241.019
20.	269.908	107.269	145.117
25.	194.393	55.782	73.504
30.	133.221	13.563	17.512
35.	82.479	-21.851	-27.757
40.	39.577	-52.102	-65.298
50.	-29.323	-101.347	-124.370
60.	-82.561	-140.034	-169.139
70.	-125.184	-171.469	-204.533
80.	-160.238	-197.677	-233.407
90.	-189.682	-219.972	-257.538
100.	-214.838	-239.248	-278.094

RATE OF RETURN, PCT. 45.7 31.9

UNDISCOUNTED PAYOUT, YRS. 1.88 2.25

DISCOUNTED PAYOUT, YRS. 2.16 2.77

UNDISCOUNTED NET/INVEST. 2.14 1.67

DISCOUNTED NET/INVEST. 1.59 1.31

NOTES

MLL_DAILY_OIL
 Qual= NWA2
 Ref= 1/2002
 Cum= 18248
 MLL_DAILY_GAS
 Qual= NWA2
 Ref= 1/2002
 Cum= 55499
 MLL_DAILY_WATER
 Qual= NWA2
 Ref= 1/2002
 Cum= 17627

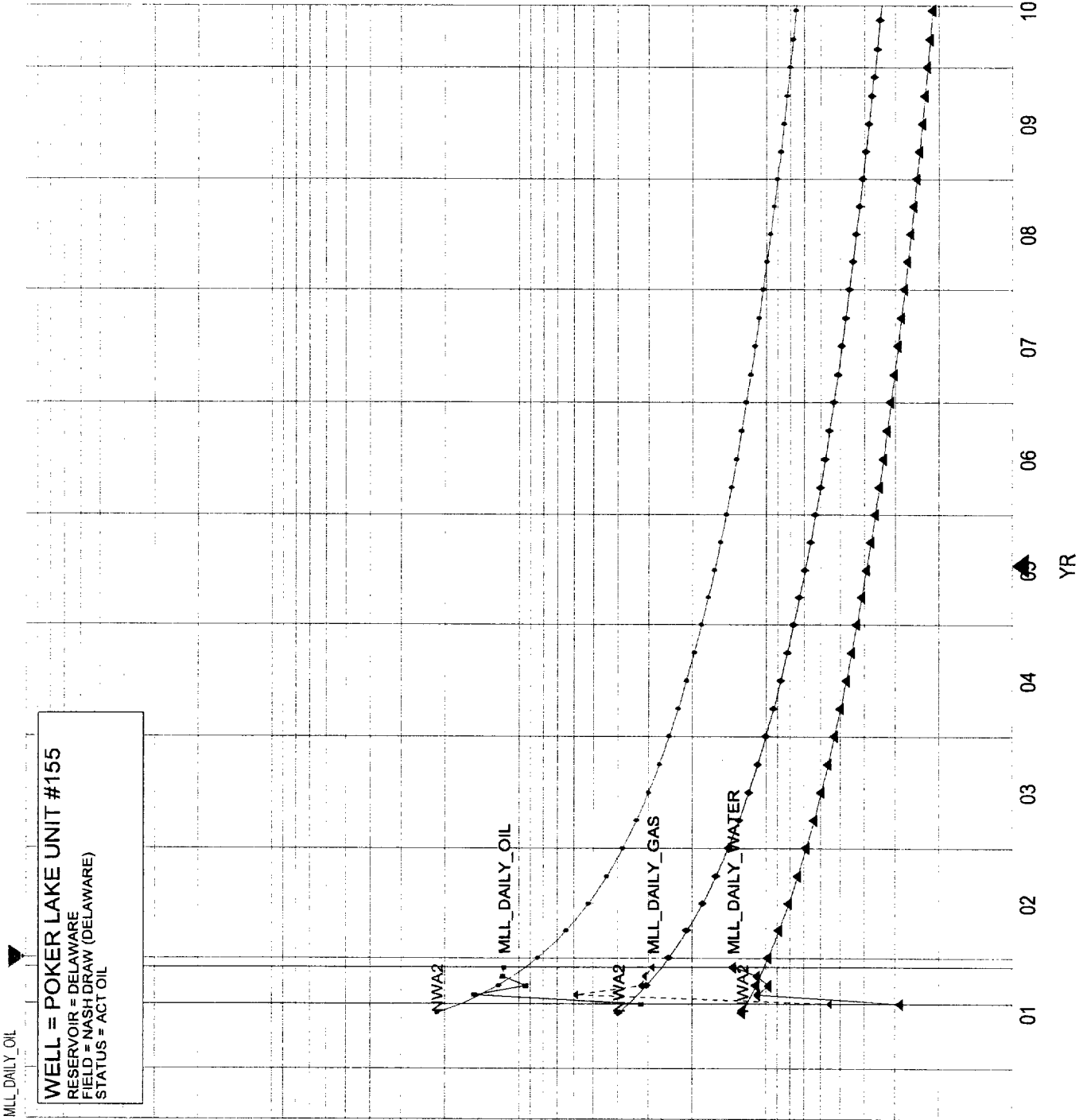
WATER-BBL/DAY

10000

1000

100

10



WELL = POKER LAKE UNIT #155
 RESERVOIR = DELAWARE
 FIELD = NASH DRAW (DELAWARE)
 STATUS = ACT OIL

OIL-BBL/DAY

1000

100

10

1

GAS-MCF/D

10000

1000

100

10

YR

10

09

08

07

06

05

04

03

02

01

00

99

98

97

96

95

94

93

92

91

90

**POKER LAKE UNIT #155
WELL HISTORY**

WELL NAME: Poker Lake Unit #155

FIELD NAME: Nash Draw (Delaware)

LOCATION: 1980' FSL & 1980' FEL
Section 6, T24S, R30E
Eddy County, New Mexico

ELEV: 3225' GL; 3236' KB

SPUD DATE: 6/19/2001; RR – 7/9/2001

COMP DATE: 7/23/2001

ORIG TD: 7510'

ORIG PBTD: 7421'

CASING: 8-5/8" 24# WC50 ST&C CSG Set @572' w/240sxs, 12 1/4" hole 0-572'.
Cmt Circ.
5-1/2" 15.5# K55, LT&C 0-6208', 5-1/2" 17# L80,J55 LT&C 6208-7502',
Cmt w/ 600 sxs, 2% zoneseal w/ 28,4000 scf N2. TOC TS 2977'
7-7/8" hole 572-7510'.

TUBING: 2-7/8" EUE J-55

CORES & LOGS: 7/8/2001 – PLATFORM EXPRESS

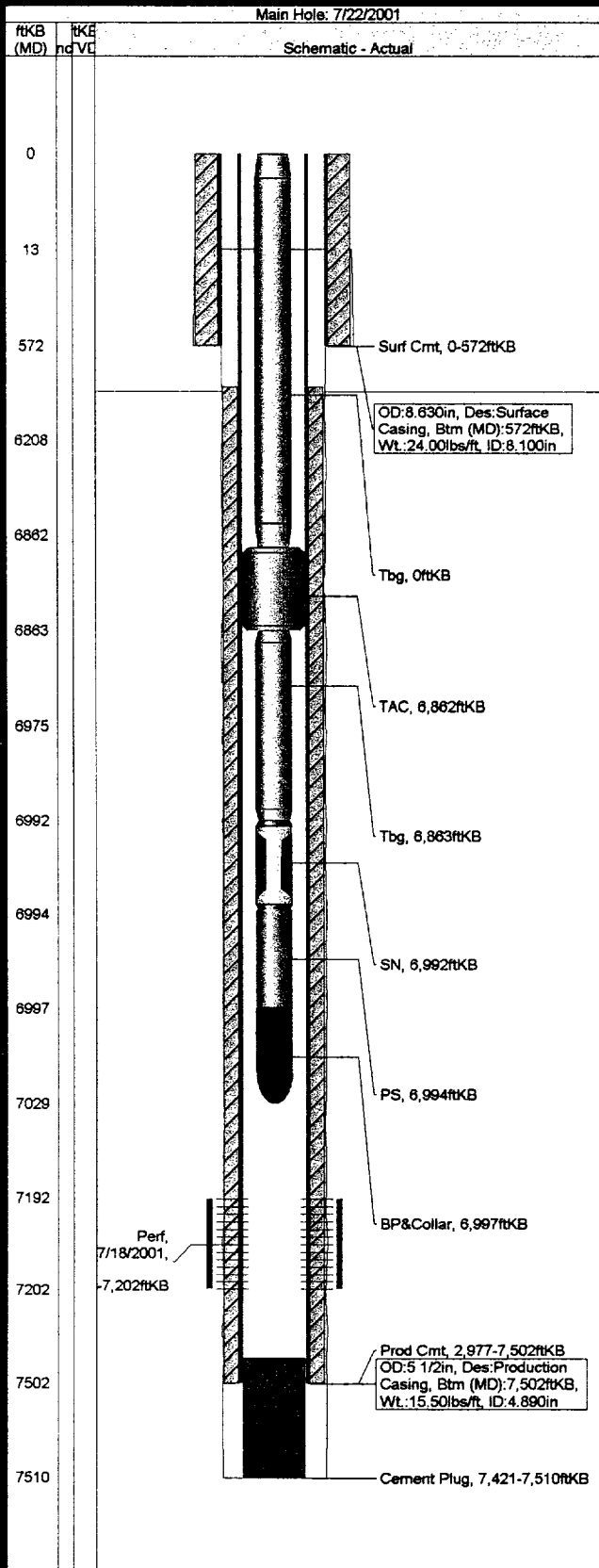
INITIAL COMPLETION

07-17-01 Unload, rack & strap 242 jts 2-7/8" J-55 tbg, NU BOP. PU & RIH with 4-3/4" bit,
bit subs & 2-7/8" tbg and tag PBTD @ 7421'.

7/16/2001 to 8/10/2001
Perf LBC "Y" Sand 7192-7202, (10', 20 shots), Break down with 750 gallons of
7-1/2% NEFE spot acid, **Frac LBC "Y" Sand 7250-60'** w/ 55,300 gals Viking-30 +
184,000# 16/30 Brady + 60,000# CR-4000. Run After frac log.

09-04-01 Pumped 123 BO + 91 BW + 400 MCF. TP – 220 psi, LP – 72 psi, CP – 160 psi.
BOL – 3231. 100% run time. On 20/64" choke.

Field Name NASH DRAW (DELAWARE)		County EDDY		State/Province NM		Well Type Development		Current Well Status ACT OIL	
KB Elev (ft) 3236.70	Ground Elev (ft) 3223.40	Spud Date 6/18/2001	Rig Release Date 7/9/2001	Abandon Date	PBTD (ftKB) 7,421.0	Total Depth 7510	Well File Author CDP	Engineer in Charge MLL	
Surface Legal Location T: 24S,R: 30E,Sec: 6,Unit: J, NM,EDDY				NS Dist. (ft) 1980.0	NS Flag S	EW Dist. (ft) 1980.0	EW Flag E	Comment Completion: 7/24/2001	



Wellbores: Main Hole									
Sz (in)		Top (ftKB)			Btm (ftKB)				
12 1/4		13.3			572.0				
7 7/8		572.0			7,510.0				
Directional Surveys: Main Hole									
Date					Survey Company				
Surface Casing, 572.0									
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread	
Casing	13	8.63	8.100	24.00	WC50	0.0	572.0	STC	
Production Casing, 7,502.0									
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread	
Csg	144	5 1/2	4.950	15.50	K55	0.0	6,208.0	LTC	
Csg	18	5 1/2	4.890	17.00	J55	6,208.0	6,975.0	LTC	
Csg	12	5 1/2	4.890	17.00	L80	6,975.0	7,502.0	LTC	
Description	Top (ftKB)		Bottom (ftKB)		Comment				
Surf Cmt	0.0		572.0						
Prod Cmt	2,977.0		7,502.0		TOC TS				
Cement Plug	7,421.0		7,510.0						
Tubing set at 7,029.0 on 7/22/2001 00:00									
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	
Tbg	216	2 7/8	2.441	6.50	J55	EUE	0.0	6,862.0	
TAC		4.88	2.441					6,862.0 6,863.0	
Tbg	4	2 7/8	2.441	6.50	J55	EUE	6,863.0	6,992.0	
SN		2 7/8	2.441					6,992.0 6,994.0	
PS		2 7/8	2.441					6,994.0 6,997.0	
BP&Collar	1	2 7/8	2.441	6.50	J55	EUE	6,997.0	7,029.0	
Perforations									
Top (ftKB)	Btm (ftKB)	Shot Dens	Type	Shot Total	Date	Curr. Stat.			
7,192.0	7,202.0	2.0		20	7/18/2001 00:00				
Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbbl)	Fluid	Comment				
Frac	7,192.0	7,202.0	1316.00	Viking 30, Gel	55,300 gals Viking-30 + 184,000# 16/30 Brady + 60,000# CR-4000.				
Formations									

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC-068545

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM71016X

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO
Contact: TAMI WILBER
E-Mail: twilber@basspet.com

8. Lease Name and Well No.
POKER LAKE UNIT 155

3. Address P. O. BOX 2760
MIDLAND, TX 79702
3a. Phone No. (include area code)
Ph: 915.683.2277

9. API Well No.
30-015-31687

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At surface NWSE 1980FSL 1980FEL
At top prod interval reported below NWSE 1980FSL 1980FEL
At total depth NWSE 1980FSL 1980FEL

10. Field and Pool, or Exploratory
NASH DRAW (DELAWARE)

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T24S R30E Mer

12. County or Parish
EDDY
13. State
NM

14. Date Spudded
06/19/2001
15. Date T.D. Reached
07/07/2001
16. Date Completed
 D & A Ready to Prod.
07/26/2001

17. Elevations (DF, KB, RT, GL)*
3235 GL

18. Total Depth: MD 7510 TVD
19. Plug Back T.D.: MD 7421 TVD
20. Depth Bridge Plug Set: MD TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
MICROLOG/GR; PE:TDLN CN/GR; PE:AIT/GR
22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	WL (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12.250	8.625 WC40	24.0	0	572		340		0	0
7.875	5.500 K55	15.5	0	7502		600		2977	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	7029							

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7192	7202	7192 TO 7202	0.250	20	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7192 TO 7202	FRAC DOWN CASING W/ 55,300 GALS VIKING 30 + 184,000# 16/30 BRADY + 60,000# CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/27/2001	09/04/2001	24	▶	123.0	400.0	91.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
20/64	SI	220	▶	123	400	91	3300	POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
SI			▶						

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

DISTRICT II
811 South First, Artesia, NM 88210

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

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

DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87506

OIL CONSERVATION DIVISION

2040 South Pacheco
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31687	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 155
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3225'

Surface Location

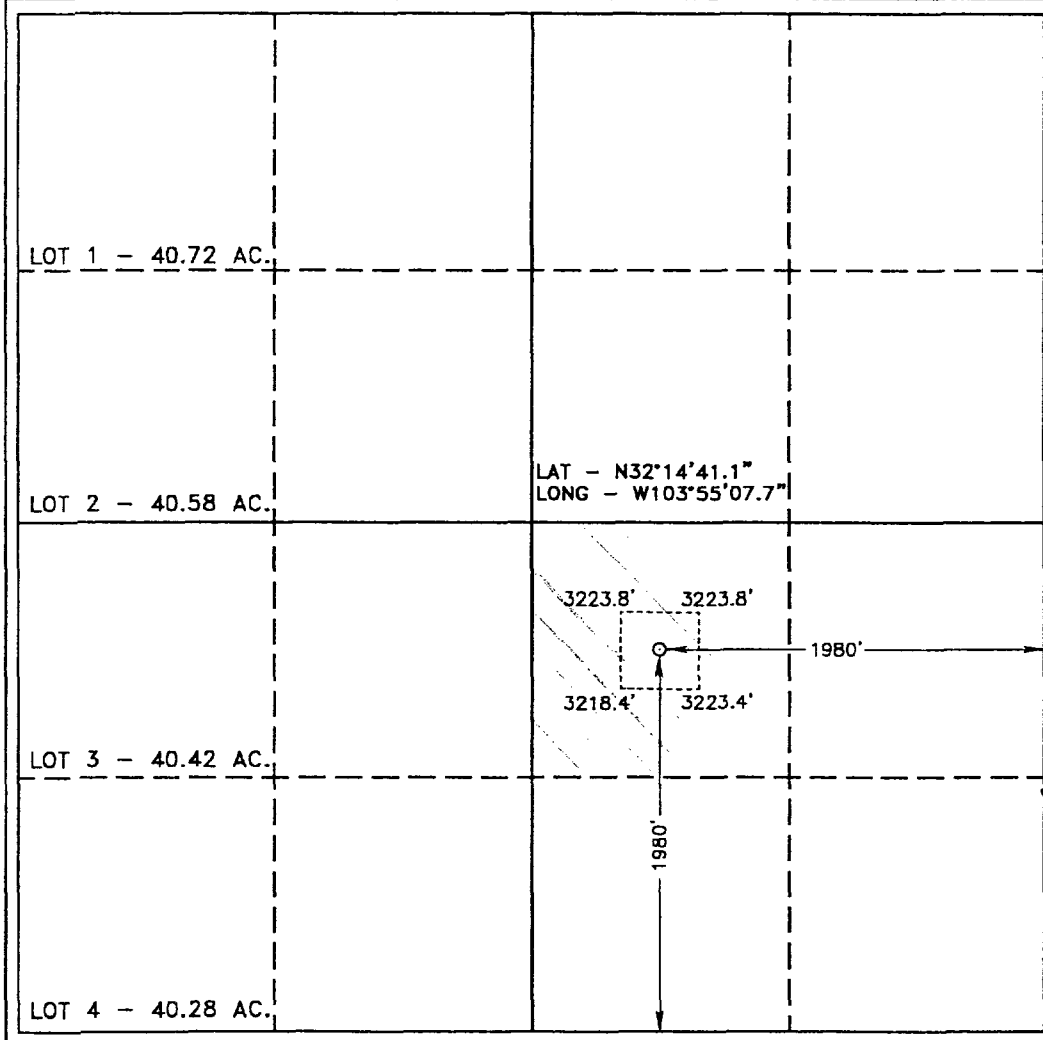
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	6	24 S	30 E		1980	SOUTH	1980	EAST	EDDY

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.

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

10/4/01
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.

August 21, 2000
Date Surveyed

GARY L. JONES
Signature & Seal
Professional Surveyor
NEW MEXICO

7977
W.O. No.

2448
Consent No. Gary L. Jones 7977

PROFESSIONAL LAND SURVEYS

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL POKER LAKE UNIT #157 FORMATION DELAWARE

LOCATION P UNIT, 660 FEET FROM SOUTH LINE & 660 FEET FROM EAST LINE

SECTION 6 TOWNSHIP 24S RANGE 30E COUNTY EDDY NEW MEXICO

SPUD DATE 8/17/2001 COMPLETION DATE 9/21/2001 INITIAL PRODUCTION 9/23/2001

PERFORATIONS 7222-7281'

STIMULATION:

ACID _____

FRACTURE 69,400 GAL VIKING 30, 209,200# 16/30 BRADY SD, 71,700# CR4000

POTENTIAL Pmpd 255 BO 1033 MCF 88 BW

(Attach Copy C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	<u>40</u>	
Porosity (por), %	<u>12.2%</u>	
Water Saturation (Sw), %	<u>55%</u>	
Net Thickness (h), ft.	<u>46</u>	
Temperature (T), Fahrenheit	<u>120</u>	
Bottom Hole Pressure (P), psia	<u>3139</u>	
Recovery Factor (RF), %	<u>15%</u>	
Recoverable Oil, Bbls * (See eq. Below)	<u>78,368</u>	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (1-SW) (1/Boi) (RF)$

Boi= 1.5

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>8/30/2001</u>	<u>2,502</u>	BBLs
		PRODUCING	
INITIAL RATE (qi)		<u>255 BOPD</u>	
ECONOMIC LIMIT (ql)		<u>3</u>	
DECLINE RATE, dy (Hyperbolic, n=1.01)		<u>d=78%</u>	
REMAINING OIL (Q)=		<u>97,090</u>	
ULTIMATE RECOVERABLE OIL		<u>99,600</u>	

(Attach plot showing pro-ration unit and participating area.)

ECONOMIC

WELL COST	<u>\$721,952</u>	(to the depth of formation completed)
RECOMPLETION COST	<u>\$0</u>	
TOTAL COST	<u>\$721,952</u>	

<u>YEAR</u>	<u>GROSS OIL</u>	<u>REVENUE</u>	<u>OPERATING COST (Includes Sev. Tax & Ad Val Tax)</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				<u>(721,952)</u>
1	<u>16,500</u>	<u>348,200</u>	<u>71,200</u>	<u>270,600</u>
2	<u>21,000</u>	<u>486,500</u>	<u>82,600</u>	<u>371,900</u>
3	<u>11,000</u>	<u>290,600</u>	<u>56,200</u>	<u>196,000</u>
4	<u>7,500</u>	<u>206,100</u>	<u>49,100</u>	<u>119,300</u>
5	<u>5,700</u>	<u>159,700</u>	<u>45,000</u>	<u>79,200</u>
6	<u>4,600</u>	<u>131,200</u>	<u>42,400</u>	<u>55,700</u>
7	<u>3,900</u>	<u>111,800</u>	<u>40,600</u>	<u>40,500</u>
8	<u>3,300</u>	<u>99,800</u>	<u>39,600</u>	<u>31,200</u>
9	<u>2,900</u>	<u>87,900</u>	<u>38,500</u>	<u>23,300</u>
10	<u>2,600</u>	<u>78,600</u>	<u>37,600</u>	<u>17,600</u>
REMAINDER	<u>16,300</u>	<u>471,400</u>	<u>331,700</u>	<u>45,200</u>
TOTAL	<u>95,300</u>	<u>\$2,471,800</u>	<u>\$834,500</u>	<u>\$528,548</u>

WELL IS COMMERCIAL

Time: INDWELLS
 DBS: SETDATA
 Settings: NWA
 Scenario:

ITEM NAME	Scheduling Rates		I N P U T D A T A		I N I T I A L C A L C U L A T E D D A T A		Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
	Schedule Until	Procedure	Schedule Until	Procedure	Ultimate	Last					
400 START	08/2001										
401 OIL	6995.83	X	B/M	08/2020 AD	B/1.010	78.00	100.661	7/2020	97.2	6996.	105.
402 "	104.71	X	B/M	3.40 IMU	EXP	5.00	104.065	6/2023	5.0	105.	90.
403 GAS	13687.50	X	M/M	03/2010 AD	B/1.020	59.00	297.717	2/2010	76.6	13688.	1050.
404 "	1049.58	X	M/M	95.36 IMU	EXP	10.00	393.074	4/2025	10.0	1050.	212.
405 WTR	4560.01	X	B/M	304.88 IMU	B/0.999	30.00	304.879	8/2024	34.8	4560.	419.
406 PRI/OIL	26.5600	26.5600	\$/B	07/2001 AD	FLAT	0.00		7/2001		26.560	26.560
511 "	27.31	27.31	\$/B	09/2001 AD	FLAT	0.00		8/2001		27.310	27.310
512 "	26.44	26.44	\$/B	10/2001 AD	FLAT	0.00		9/2001		26.440	26.440
513 "	22.21	22.21	\$/B	11/2001 AD	FLAT	0.00		10/2001		22.210	22.210
514 "	19.67	19.67	\$/B	12/2001 AD	FLAT	0.00		11/2001		19.670	19.670
515 "	19.46	19.46	\$/B	01/2002 AD	FLAT	0.00		12/2001		19.460	19.460
516 "	21.00	21.00	\$/B	02/2002 AD	FLAT	0.00		1/2002		21.000	21.000
517 "	21.62	21.62	\$/B	03/2002 AD	FLAT	0.00		2/2002		21.620	21.620
518 "	21.91	21.91	\$/B	04/2002 AD	FLAT	0.00		3/2002		21.910	21.910
519 "	22.02	22.02	\$/B	07/2002 AD	FLAT	0.00		6/2002		22.020	22.020
520 "	21.94	21.94	\$/B	10/2002 AD	FLAT	0.00		9/2002		21.940	21.940
521 "	21.86	21.86	\$/B	01/2003 AD	FLAT	0.00		12/2002		21.860	21.860
522 "	21.81	21.81	\$/B	05/2003 AD	FLAT	0.00		4/2003		21.810	21.810
523 "	21.77	21.77	\$/B	09/2003 AD	FLAT	0.00		8/2003		21.770	21.770
524 "	21.73	21.73	\$/B	01/2004 AD	FLAT	0.00		12/2003		21.730	21.730
525 "	21.65	21.65	\$/B	04/2004 AD	FLAT	0.00		3/2004		21.650	21.650
526 "	21.56	21.56	\$/B	07/2004 AD	FLAT	0.00		6/2004		21.560	21.560
527 "	21.48	21.48	\$/B	09/2004 AD	FLAT	0.00		8/2004		21.480	21.480
528 "	21.40	21.40	\$/B	11/2004 AD	FLAT	0.00		10/2004		21.400	21.400
529 "	21.32	21.32	\$/B	05/2005 AD	FLAT	0.00		4/2005		21.320	21.320
530 "	21.28	21.28	\$/B	10/2005 AD	FLAT	0.00		9/2005		21.280	21.280
531 "	21.23	21.23	\$/B	04/2006 AD	FLAT	0.00		3/2006		21.230	21.230
532 "	21.17	21.17	\$/B	09/2006 AD	FLAT	0.00		8/2006		21.170	21.170
533 "	21.11	21.11	\$/B	03/2007 AD	FLAT	0.00		2/2007		21.110	21.110
534 "	21.05	21.05	\$/B	09/2007 AD	FLAT	0.00		8/2007		21.050	21.050
535 "	20.99	20.99	\$/B	03/2008 AD	FLAT	0.00		2/2008		20.990	20.990
536 "	20.93	20.93	\$/B	08/2008 AD	FLAT	0.00		7/2008		20.930	20.930
537 "	20.87	20.87	\$/B	TO LIFE	FLAT	0.00		6/2023		20.870	20.870
538 PRI/GAS	3.1600	3.1600	\$/M	07/2001 AD	FLAT	0.00		7/2001		3.160	3.160
539 "	3.19	3.19	\$/M	09/2001 AD	FLAT	0.00		8/2001		3.190	3.190
540 "	2.34	2.34	\$/M	10/2001 AD	FLAT	0.00		9/2001		2.340	2.340
541 "	1.86	1.86	\$/M	11/2001 AD	FLAT	0.00		10/2001		1.860	1.860
542 "	3.16	3.16	\$/M	12/2001 AD	FLAT	0.00		11/2001		3.160	3.160
543 "	2.28	2.28	\$/M	01/2002 AD	FLAT	0.00		12/2001		2.280	2.280
544 "	2.61	2.61	\$/M	02/2002 AD	FLAT	0.00		1/2002		2.610	2.610
545 "	2.27	2.27	\$/M	04/2002 AD	FLAT	0.00		3/2002		2.270	2.270
546 "	2.29	2.29	\$/M	05/2002 AD	FLAT	0.00		4/2002		2.290	2.290
547 "	2.35	2.35	\$/M	06/2002 AD	FLAT	0.00		5/2002		2.350	2.350
548 "	2.42	2.42	\$/M	07/2002 AD	FLAT	0.00		6/2002		2.420	2.420
549 "	2.48	2.48	\$/M	08/2002 AD	FLAT	0.00		7/2002		2.480	2.480
550 "	2.54	2.54	\$/M	10/2002 AD	FLAT	0.00		9/2002		2.540	2.540

551	"	2.59	\$/M	11/2002	AD	FLAT	0.00	10/2002	2.590	2.590
552	"	2.82	\$/M	12/2002	AD	FLAT	0.00	11/2002	2.820	2.820
553	"	3.05	\$/M	01/2003	AD	FLAT	0.00	12/2002	3.050	3.050
554	"	3.17	\$/M	02/2003	AD	FLAT	0.00	1/2003	3.170	3.170
555	"	3.12	\$/M	03/2003	AD	FLAT	0.00	2/2003	3.120	3.120
556	"	3.06	\$/M	04/2003	AD	FLAT	0.00	3/2003	3.060	3.060
557	"	2.93	\$/M	06/2003	AD	FLAT	0.00	5/2003	2.930	2.930
558	"	2.96	\$/M	07/2003	AD	FLAT	0.00	6/2003	2.960	2.960
559	"	3.00	\$/M	08/2003	AD	FLAT	0.00	7/2003	3.000	3.000
560	"	3.05	\$/M	10/2003	AD	FLAT	0.00	9/2003	3.050	3.050
561	"	3.08	\$/M	11/2003	AD	FLAT	0.00	10/2003	3.080	3.080
562	"	3.23	\$/M	12/2003	AD	FLAT	0.00	11/2003	3.230	3.230
563	"	3.38	\$/M	01/2004	AD	FLAT	0.00	12/2003	3.380	3.380
564	"	3.44	\$/M	02/2004	AD	FLAT	0.00	1/2004	3.440	3.440
565	"	3.35	\$/M	03/2004	AD	FLAT	0.00	2/2004	3.350	3.350
566	"	3.25	\$/M	04/2004	AD	FLAT	0.00	3/2004	3.250	3.250
567	"	3.08	\$/M	06/2004	AD	FLAT	0.00	5/2004	3.080	3.080
568	"	3.12	\$/M	07/2004	AD	FLAT	0.00	6/2004	3.120	3.120
569	"	3.16	\$/M	08/2004	AD	FLAT	0.00	7/2004	3.160	3.160
570	"	3.20	\$/M	11/2004	AD	FLAT	0.00	10/2004	3.200	3.200
571	"	3.36	\$/M	12/2004	AD	FLAT	0.00	11/2004	3.360	3.360
572	"	3.49	\$/M	01/2005	AD	FLAT	0.00	12/2004	3.490	3.490
573	"	3.55	\$/M	02/2005	AD	FLAT	0.00	1/2005	3.550	3.550
574	"	3.46	\$/M	03/2005	AD	FLAT	0.00	2/2005	3.460	3.460
575	"	3.35	\$/M	04/2005	AD	FLAT	0.00	3/2005	3.350	3.350
576	"	3.20	\$/M	07/2005	AD	FLAT	0.00	6/2005	3.200	3.200
577	"	3.25	\$/M	11/2005	AD	FLAT	0.00	10/2005	3.250	3.250
578	"	3.43	\$/M	12/2005	AD	FLAT	0.00	11/2005	3.430	3.430
579	"	3.58	\$/M	01/2006	AD	FLAT	0.00	12/2005	3.580	3.580
580	"	3.65	\$/M	02/2006	AD	FLAT	0.00	1/2006	3.650	3.650
581	"	3.54	\$/M	03/2006	AD	FLAT	0.00	2/2006	3.540	3.540
582	"	3.43	\$/M	06/2006	AD	FLAT	0.00	3/2006	3.430	3.430
583	"	3.25	\$/M	08/2006	AD	FLAT	0.00	5/2006	3.250	3.250
584	"	3.29	\$/M	11/2006	AD	FLAT	0.00	7/2006	3.290	3.290
585	"	3.34	\$/M	12/2006	AD	FLAT	0.00	10/2006	3.340	3.340
586	"	3.52	\$/M	01/2007	AD	FLAT	0.00	11/2006	3.520	3.520
587	"	3.68	\$/M	02/2007	AD	FLAT	0.00	12/2006	3.680	3.680
588	"	3.73	\$/M	03/2007	AD	FLAT	0.00	1/2007	3.730	3.730
589	"	3.63	\$/M	04/2007	AD	FLAT	0.00	2/2007	3.630	3.630
590	"	3.50	\$/M	06/2007	AD	FLAT	0.00	3/2007	3.500	3.500
591	"	3.30	\$/M	08/2007	AD	FLAT	0.00	5/2007	3.300	3.300
592	"	3.36	\$/M	11/2007	AD	FLAT	0.00	7/2007	3.360	3.360
593	"	3.44	\$/M	TO	LIFE	FLAT	0.00	10/2007	3.440	3.440
594	"	3.71	\$/M	TO	LIFE	FLAT	0.00	6/2023	3.710	3.710
595	PAJ/OIL	-0.75	\$/B	TO	LIFE	PC	0.00	7/2001	-0.750	-0.750
596	PAJ/GAS	-1.00	\$/M	TO	LIFE	PC	0.00	7/2001	-1.000	-1.000
600	OPC/T	2500.00	X \$/M	TO	LIFE	PC	0.00	6/2023	2500.000	2500.000
602	STX/OIL	7.00	X %	TO	LIFE	PC	0.00	6/2023	0.070	0.070
604	STX/GAS	7.00	X %	TO	LIFE	PC	0.00	6/2023	0.070	0.070
605	ATX	0.50	%	TO	LIFE	PC	0.00	7/2001	0.005	0.005
606	OPC/WTR	1.56	\$/U	03/2002	AD	PC	0.00	7/2001	1.560	1.560
607	"	0.15	\$/U	TO	LIFE	PC	0.00	6/2023	0.150	0.070
705	LSE/WI	100.0000	D %	TO	LIFE	FLAT	0.00	6/2023	1.000	1.000
720	NET/OIL	84.5000	D %	TO	LIFE	FLAT	0.00	6/2023	0.845	0.845
740	NET/GAS	84.5000	D %	TO	LIFE	FLAT	0.00	6/2023	0.845	0.845
780	LSE/NPI	0.0000	D %	TO	LIFE	FLAT	0.00	6/2023	0.000	0.000

OVERLAYS	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
900 OIL	07/2001 0 0 2502 7595 #			10.097	10/2001			
901 GAS	07/2001 0 0 3259 17829 #			21.088	10/2001			

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 CAPITAL	245.46 476.49 M\$G	08/2001 AD	PC	721.952	8/2001	0	721.9	721.9
801 SALV	-25.00 0.00 M\$G	TO LIFE	PC	-25.000	6/2023	0	-25.0	-25.0

MISC. PARAMETERS

201 BTU 1.23
 202 CUMO, MB 0.00 CUMG, MMF 0.00 CUML, MB
 250 LOSS NO

PROJECT RUN SETTINGS

Base Date : 08/2001 Time Frames : 5,48*12,619
 P.W. Date : 08/2001 Primary PW% : 10.0 Discount Freq. : MO
 Report Date : 08/2001
 Qualifiers : Prod = NWA2 Price = NWA Cost = NWA Owner = NWA
 Title = DEFAULT Misc = NWA Invest = NWA Overlay = NWA

NET/WTR WI

DATE : 01/09/2002
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : NWA

R E S E R V E S A N D E C O N O M I C S
AS OF DATE: 08/2001

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 S TOT AFTER TOTAL 18.9 YR

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
2) REVENUE INTEREST, % 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
4) EQUITY INVESTMENTS 722.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 722.0 -25.0 697.0
5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 697.0 697.0 697.0

DIL PHASE

8) GROSS OIL, MB 16.5 21.0 11.0 7.5 5.7 4.6 3.9 3.3 2.9 2.6 79.0 16.4 95.4
9) NET OIL, MB 14.0 17.7 9.3 6.3 4.8 3.9 3.3 2.8 2.5 2.2 66.7 13.9 80.6
10) OIL REVENUE, M\$ 294.3 372.9 194.8 131.3 98.8 79.4 66.2 56.7 49.7 44.3 1388.4 279.1 1667.5
11) OIL PRICE, \$/B 21.07 21.04 21.02 20.76 20.53 20.42 20.29 20.17 20.12 20.12 20.81 20.12 20.69

GAS PHASE

12) GROSS GAS, MMF 39.6 73.2 44.4 32.1 25.1 20.7 17.6 15.3 13.6 12.2 293.7 69.3 362.9
13) NET GAS, MMF 33.5 61.8 37.5 27.1 21.2 17.5 14.9 12.9 11.5 10.3 248.2 58.5 306.7
14) GAS REVENUE, M\$ 53.9 113.5 95.8 74.7 60.9 51.8 45.6 43.1 38.2 34.3 611.8 195.1 806.9
15) GAS PRICE, \$/MCF 1.611 1.836 2.553 2.760 2.868 2.965 3.066 3.333 3.333 3.333 2.465 3.333 2.631

ECONOMICS, M\$

19) GROSS REV. TO INTR. 348.2 486.5 290.6 206.1 159.7 131.2 111.8 99.8 87.9 78.6 2000.2 474.2 2474.4
20) - SEV. TAX 24.4 34.1 20.3 14.4 11.2 9.2 7.8 7.0 6.2 5.5 140.0 33.2 173.2
21) - AD VALOREM TAX 1.6 2.3 1.4 1.0 0.7 0.6 0.5 0.5 0.4 0.4 9.3 2.2 11.5
22) - OPERATING COSTS 45.2 46.5 34.5 33.7 33.1 32.6 32.3 32.1 31.9 31.7 353.6 296.3 650.0
23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
27) - NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
28) = NET INCOME 277.0 403.6 234.3 157.0 114.7 88.7 71.1 60.3 49.4 41.0 1497.3 142.4 1639.7
29) - INVESTMENTS & RSK 722.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 722.0 -25.0 697.0
30) = BFIT NET -445.0 403.6 234.3 157.0 114.7 88.7 71.1 60.3 49.4 41.0 775.3 167.4 942.8

PRESENT WORTH @ 10.00 %

31) NET INCOME 270.6 371.9 196.0 119.3 79.2 55.7 40.5 31.2 23.3 17.6 1205.3 45.2 1250.5
32) INVESTMENTS & RISK 722.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 722.0 -4.2 717.8
33) BFIT NET -451.4 371.9 196.0 119.3 79.2 55.7 40.5 31.2 23.3 17.6 483.4 49.3 532.7
34) CUM BFIT NET -451.4 -79.5 116.5 235.9 315.0 370.7 411.3 442.5 465.8 483.4 483.4 532.7 532.7

DATE : 01/09/2002
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

A F T E R T A X E C O N O M I C S

AS OF DATE: 08/2001

PERIOD ENDING	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	12/2010	S TOT	AFTER	18.9 YR TOTAL
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TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	476.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	476.5	0.0	476.5
2) DEPLETABLE	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
3) DEPRECIABLE	245.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	245.5	-25.0	220.5

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	348.2	486.5	290.6	206.1	159.7	131.2	111.8	99.8	87.9	78.6	2000.2	474.2	2474.4
5) - SEVERANCE TAX	24.4	34.1	20.3	14.4	11.2	9.2	7.8	7.0	6.2	5.5	140.0	33.2	173.2
6) - OPR. COSTS & ATX	46.8	48.8	35.9	34.6	33.8	33.3	32.8	32.5	32.3	32.1	362.9	298.5	661.5
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	476.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	476.5	0.0	476.5
11) - DEPRECIATION	14.6	45.5	53.0	37.8	27.0	21.9	21.9	21.9	1.8	0.0	245.5	0.0	245.5
12) = NET	-214.1	358.1	181.4	119.2	87.7	66.8	49.2	38.4	47.6	41.0	775.3	142.4	917.8
13) - DEPLETION TAKEN	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-214.1	358.1	181.4	119.2	87.7	66.8	49.2	38.4	47.6	41.0	775.3	142.4	917.8
16) * TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17) - TAX CREDIT	24.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	24.5	0.0	24.5
18) = F.I.T.	-123.0	164.7	83.4	54.8	40.3	30.7	22.6	17.6	21.9	18.9	332.1	65.5	397.6

19) REVENUE-SEV	323.8	452.4	270.2	191.6	148.5	122.0	103.9	92.8	81.7	73.1	1860.2	441.0	2301.2
20) - OPR. COSTS & ATX	46.8	48.8	35.9	34.6	33.8	33.3	32.8	32.5	32.3	32.1	362.9	298.5	661.5
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-123.0	164.7	83.4	54.8	40.3	30.7	22.6	17.6	21.9	18.9	332.1	65.5	397.6
24) = A.F.I.T.	400.0	238.9	150.9	102.2	74.4	58.0	48.5	42.6	27.5	22.1	1165.2	76.9	1242.1
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	400.0	238.9	150.9	102.2	74.4	58.0	48.5	42.6	27.5	22.1	1165.2	76.9	1242.1
28) - INVESTMENTS & RSK	722.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	722.0	-25.0	697.0
29) = A.F.I.T. NET	-321.9	238.9	150.9	102.2	74.4	58.0	48.5	42.6	27.5	22.1	443.2	101.9	545.1

PRESENT WORTH @ 10.00 %

30) NET INCOME	392.2	218.9	125.7	77.4	51.2	36.3	27.6	22.1	12.9	9.5	973.7	24.3	998.1
31) INVESTMENTS & RISK	722.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	722.0	-4.2	717.8
32) A.F.I.T. NET	-329.8	218.9	125.7	77.4	51.2	36.3	27.6	22.1	12.9	9.5	251.8	28.5	280.3
33) CUM. A.F.I.T. NET	-329.8	-110.9	14.8	92.2	143.4	179.7	207.3	229.3	242.3	251.8	251.8	280.3	280.3

DATE : 01/09/2002
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : NWA

E C O N O M I C I N D I C A T O R S

AS OF DATE: 08/2001

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

0.	942.755	545.134	1009.507
5.	699.110	387.844	624.961
10.	532.701	280.256	417.174
15.	411.607	201.472	284.990
20.	319.132	140.814	192.209
25.	245.851	92.340	122.744
30.	186.085	52.486	68.344
35.	136.218	18.988	24.318
40.	93.841	-9.671	-12.216
50.	25.344	-56.401	-69.726
60.	-27.976	-93.162	-113.307
70.	-70.929	-123.051	-147.739
80.	-106.442	-147.972	-175.798
90.	-136.408	-169.165	-199.217
100.	-162.112	-187.478	-219.136

RATE OF RETURN, PCT.	54.8	38.3
UNDISCOUNTED PAYOUT, YRS.	1.59	1.97
DISCOUNTED PAYOUT, YRS.	1.82	2.30
UNDISCOUNTED NET/INVEST.	2.35	1.78
DISCOUNTED NET/INVEST.	1.74	1.39

NOTES

MLL_DAILY_OIL #
 Qual= NWA2
 Ref= 1/2002
 Cum= 16842
 MLL_DAILY_GAS #
 Qual= NWA2
 Ref= 1/2002
 Cum= 40054
 MLL_DAILY_WA #
 Qual= NWA2
 Ref= 1/2002
 Cum= 14220

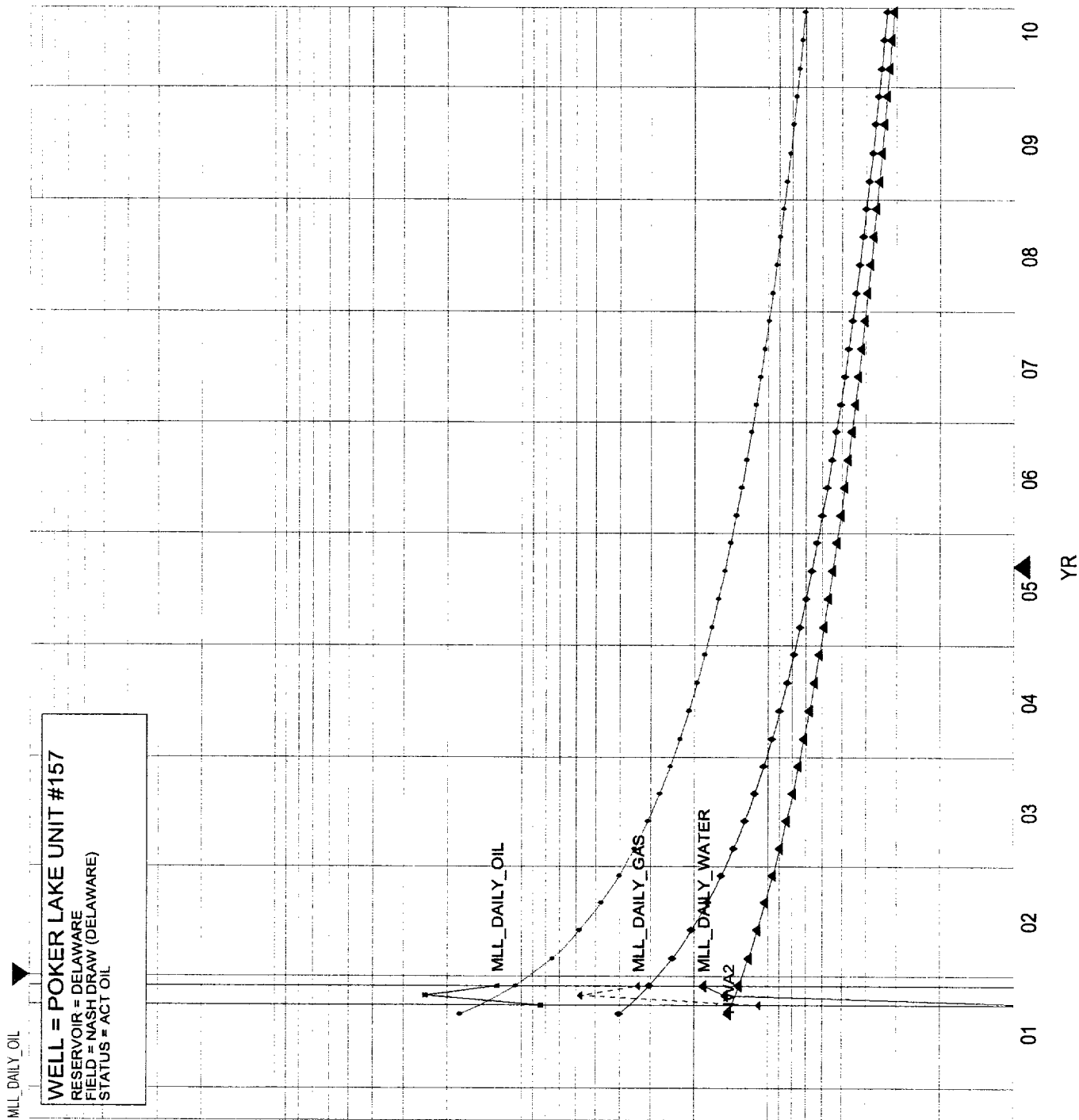
WATER-BBL/DAY

10000

1000

100

10



WELL = POKER LAKE UNIT #157
 RESERVOIR = DELAWARE
 FIELD = WASH DRAW (DELAWARE)
 STATUS = ACT OIL

OIL-BBL/DAY

1000

100

10

1

GAS-MCF/D

10000

1000

100

10

MLL_DAILY_OIL

▲

YR

▲

MLL_DAILY_OIL

MLL_DAILY_OIL

MLL_DAILY_GAS

MLL_DAILY_WATER

NWA2

**POKER LAKE UNIT #157
WELL HISTORY**

WELL NAME: Poker Lake Unit #157

FIELD NAME: Nash Draw (Delaware)

LOCATION: 660' FSL & 660' FEL
Section 6, T24S, R30E
Eddy County, New Mexico

ELEV: 3241' GL; 3254.4' KB

SPUD DATE: 8/17/2001; RR – 9/1/2001

COMP DATE: 9/20/2001

ORIG TD: 7450'

ORIG PBTD: 7366'

CASING: 8-5/8" 24# WC50 ST&C CSG Set @589' w/240sxs, 11" hole 0-594'. Cmt w/ 200 sxs. Circ 21 sx to surface.
5-12" 15.5# K55, LT&C 0-6076', 5-1/2" 17# L80,J55 LT&C 6076-7448.8', Cmt w/1380 sxs, 2% zoneseal w/ 50,000 scf N2. TOC via TS @ 3220'.
7-7/8" hole 594-7450'.

TUBING: 2-7/8" EUE J-55

CORES & LOGS: 8/27/01-8/28/01– Cut full diameter core 1) 7200'-7260' & 2) 7260'-7289'.
8/30/2001 – PLATFORM EXPRESS

INITIAL COMPLETION

09-14-01 PU & RIH with 4-3/4" skirted bit and bit sub on 2-7/8" J-55 tbg. Tag PBTD @ 7366'. Test 5-1/2" csg to 3000 psi for 15 mins.

09-15-01 RIH with GR-CCL tool & log from 7369' to 6500'. POH. RBIH with 4" csg gun 2 JSPF @ 0° phased and perf intervals 7222-27' & 7276-81' (20 holes).

09-17-01 PU & RIH w/5-1/2" Baker lok-set & k-valve as RBP & model "R" pkr w/SN on 2-7/8" J-55 tbg. Spot 750 gals 7-1/2% NEFE HCL acid to EOT. **Acidize "Z" Sand** perms 7276-81'. Break formation @ 3700 psi & pump away acid @ 7.7 BPM @ 2900 psi. ISIP = 600 psi. Spot 750 gals 7-1/2% NEFE HCL acid to EOT.

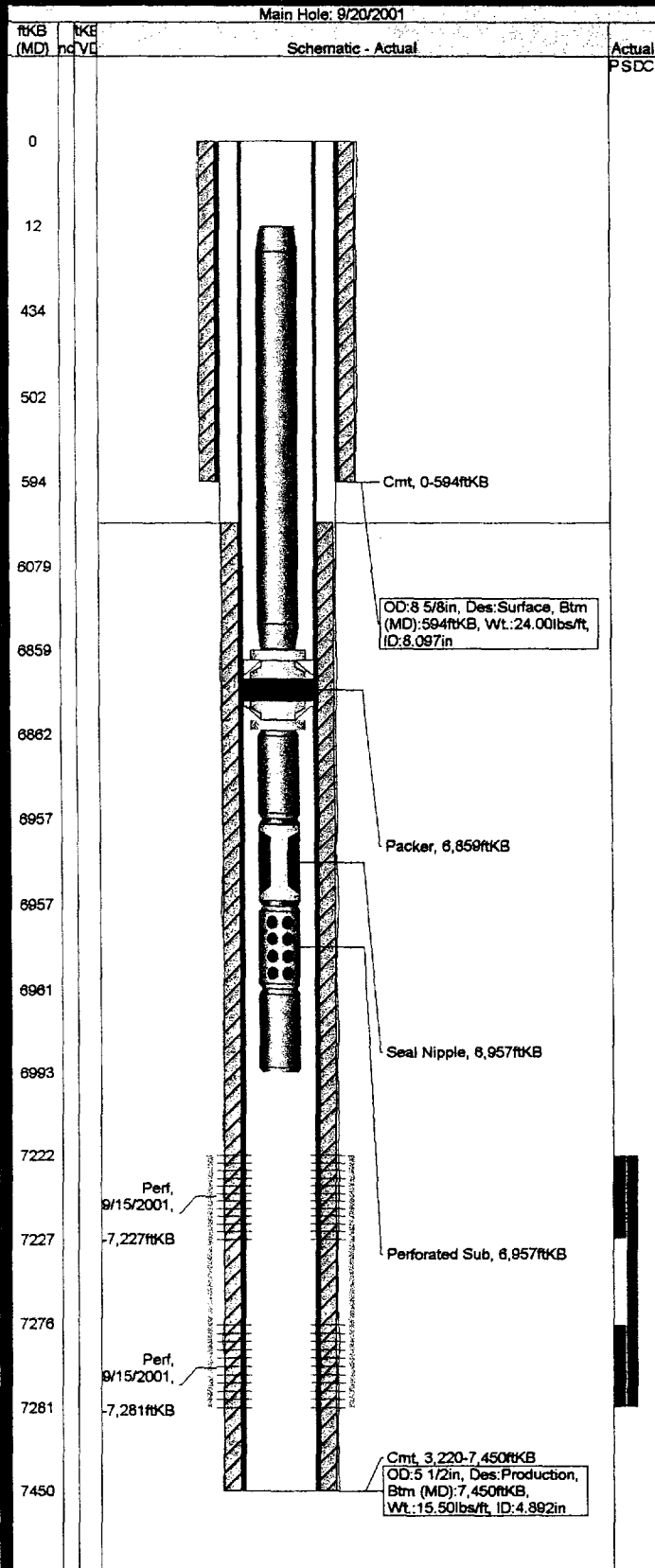
Acidize "Y" Sand perms 7222-27'. Break formation @ 2200 psi & pump away acid

Poker Lake Unit #157
WELL HISTORY

@ 8 BPM @ 2700 psi. ISIP = 600 psi. POOH w/pkr & plug.

- 9-18-01 Frac down csg with 69,400 gals Viking 30 + 209,200# 16/30 Brady + 71,700# CR-4000 treating both Y & Z sands. Run after frac log.
- 9-20-01 PU 1 jt 2-7/8" prod tbg with BP & collar, 2-7/8" x 4' perf sub, 2-7/8" mech SN, 3 jts 2-7/8" prod tbg, 5-1/2" x 2-7/8" TAC and RIH on 216 jts 2-7/8" prod tbg to land EOT @ 6994' (128' above top perf). TIH with 2-1/2" x 1-3/4" x 25' (3 tube) pump (120) 3/4", (90) 7/8" and (90) 1" x 25' Norris 90 sucker rods. PU and RIH on (111) 3/4" rods. IPP 9-23-01: 255 BO + 88 BW + 1033 MCF.
- 11-08-01 POOH w/rods & pump. PU new pump (2-1/2" X 1-3/4" X 25') RHBM – 3 tube. RBIH on same rods as before. Spaced out well. Pump failed due to frac sand.

Field Name NASH DRAW (DELAWARE)		County Eddy		State/Province New Mexico		Well Type Development		Current Well Status Pumping Oil	
KB Elev (ft) 3254.00	Ground Elev (ft) 3241.00	Spud Date 8/17/2001	Rig Release Date 9/1/2001	Abandon Date	PBD (ftKB) 7450	Total Depth 7450	Well File Author cdp	Engineer in Charge MLL	
Surface Legal Location SEC 6, T24S, R30E				NS Dist. (ft) 660.0	NS Flag S	EW Dist. (ft) 660.0	EW Flag E	Comment	



Wellbores: Main Hole		
Sz (in)	Top (ftKB)	Btm (ftKB)
11	0.0	594.0
7 7/8	594.0	7,450.0

Surface, 594.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing Joints	11	8 5/8	8.097	24.00	WC50	0.1	502.1	
Casing Joints	2	8 5/8	8.097	24.00	J-55	502.1	594.0	

Production, 7,450.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing Joints	10	5 1/2	4.950	15.50	K-55	0.0	434.0	
Casing Joints	132	5 1/2	4.950	15.50	J-55	434.0	6,079.0	
Casing Joints	32	5 1/2	4.892	17.00	L-80	6,079.0	7,450.0	
Description	Cmt		Top (ftKB)	Bottom (ftKB)	Comment			
Description	Cmt		3,220.0	7,450.0				

Tubing set at 6,993.5 on 9/20/2001 00:00								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)
Tubing		2 7/8	2.441	6.50	J-55		11.9	6,858.6
Packer		3.886	2.410				6,858.6	6,861.4
Tubing		2 7/8	2.441	6.50	J-55		6,861.4	6,956.6
Seal Nipple		2 7/8					6,956.6	6,957.1
Perforated Sub		2 7/8					6,957.1	6,961.2
Tubing w/ bp & collar		2 7/8	2.441	6.50	J-55		6,961.2	6,993.5

Perforations						
Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Type	Shot Total	Date	Curr. Stat.
7,222.0	7,227.0	2.0		10	9/15/2001 08:51	Open - Not Flowing
7,276.0	7,281.0	2.0		10	9/15/2001 00:00	Open - Not Flowing
Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbl)	Fluid	Comment	
Acidization	7,276.0	7,281.0	17.80	7.5% HCl, Acid		
Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbl)	Fluid	Comment	
Acidization	7,222.0	7,227.0	17.80	7.5% HCl, Acid		
Stage Type	Top (ftKB)	Btm (ftKB)	V(pumped) (bbl)	Fluid	Comment	
Sand Frac	7,222.0	7,281.0	1652.00	VIKING 30, GEL	w/ 209200# 16/30 Brady & 71700# CR-4000	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
LC-068545

1a. Type of Well Oil Well Gas Well Dry Other
 b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
 Other _____

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
NMNM71016X

2. Name of Operator **BASS ENTERPRISES PRODUCTION CO** Contact: **TAMI WILBER**
E-Mail: **twilber@basspet.com**

8. Lease Name and Well No.
POKER LAKE UNIT 157

3. Address **P. O. BOX 2760 MIDLAND, TX 79702** 3a. Phone No. (include area code)
Ph: **915.683.2277**

9. API Well No.
30-015-31689

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
 At surface **SESE 660FSL 660FEL**
 At top prod interval reported below **SESE 660FSL 660FEL**
 At total depth **SESE 660FSL 660FEL**

10. Field and Pool, or Exploratory
NASH DRAW (DELAWARE)

11. Sec., T., R., M., or Block and Survey
or Area **Sec 6 T24S R30E Mer**

12. County or Parish **EDDY** 13. State **NM**

14. Date Spudded **08/17/2001** 15. Date T.D. Reached **08/30/2001** 16. Date Completed
 D & A Ready to Prod.
09/21/2001

17. Elevations (DF, KB, RT, GL)*
3241 GL

18. Total Depth: **MD 7458 TVD** 19. Plug Back T.D.: **MD 7366 TVD** 20. Depth Bridge Plug Set: **MD TVD**

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PLATFORM EXPRESS: TD LD CN ML; AIT MCFL GR

22. Was well cored? No Yes (Submit analysis)
 Was DST run? No Yes (Submit analysis)
 Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
11.000	8.625 WC50	24.0	0	594		200		0	0
7.875	5.500 K55	15.5	0	7449		690		3220	0

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	6994							

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE	7222	7281	7222 TO 7281	0.250	20	PRODUCING
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7222 TO 7281	FRAC DOWN CASING W/ 69,400 GALS VIKING 30 + 209,200# 16/30 BRADY + 71,700# CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
09/23/2001	09/29/2001	24	▶	255.0	1033.0	88.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
6/64	SI 490	1500.0	▶	255	1033	88		POW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		▶						

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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 30-015-31689	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 157
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3241'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	6	24 S	30 E		660	SOUTH	660	EAST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
40	N		

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

<p>LOT 1 - 40.72 AC.</p> <p>LOT 2 - 40.58 AC.</p> <p>LOT 3 - 40.42 AC.</p> <p>LOT 4 - 40.28 AC.</p>	<p>LAT - N32°14'28.1" LONG - W103°54'52.3"</p>		<p>OPERATOR CERTIFICATION</p> <p><i>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>10/8/01 Date</p> <p>SURVEYOR CERTIFICATION</p> <p><i>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.</i></p> <p>August 10, 2000</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor NEW MEXICO 7977 W.O. No. 0450 Certificate No. Gary Jones 7977 PROFESSIONAL LAND SURVEYOR DRAIN SURVEYS</p>

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 12, 2002

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 154
Nash Draw (Delaware) Field
NE/4 SE/4 Section 6, T24S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto a commercial determination for the above well which has been completed as a commercial producer from the Delaware Formation. Also attached is Bass' Interoffice Memorandum which explains certain criteria used for the above commercial determination. The above well is located outside the boundaries of the Delaware "C" PA First Revision, therefore, Bass will submit to you the Delaware "C" PA Second Revision for your review. Please signify your concurrence with the above commercial determination in the space provided below and return one (1) copy of this letter to the undersigned at your earliest convenience. Thank you very much and should you have any further questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

Date: _____

Date: _____

Date: _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
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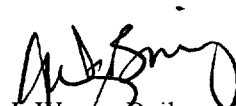
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New Mexico Oil Conservation Division

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Its: _____

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Date: _____

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201 MAIN ST.
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J. Wayne Bailey

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Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

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Its: _____

Its: _____

Its: _____

Date: _____

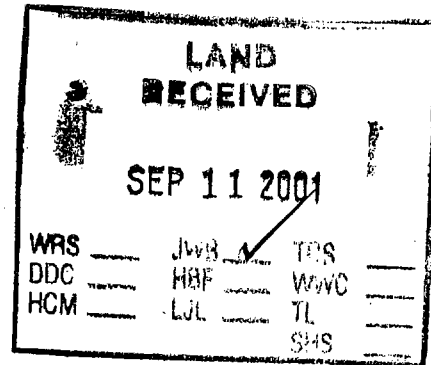
Date: _____

Date: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

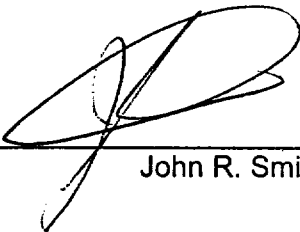
AUGUST 31, 2001

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT #154
NASH DRAW (DELAWARE)
POKER LAKE UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF



Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Poker Lake Unit #154 was drilled in June 2001 to a TD of 7400' and was completed in the Delaware formation. The well is producing from perforations 7250'-7260'. On test 7/16/2001 the well pumped 464 BOPD + 625 MCFPD + 245 BWPD (IP). This well is expected to recover approximately 100 MBO from the current zone.

The most current price file was used for oil and gas pricing. An operating cost of \$2280 per month was assumed, along with water hauling cost of \$1.20/BW until 2/2002 when the cost should drop to \$.15/BW. The Poker Lake Unit #154 will be a commercial well and should receive a participating area.



John R. Smitherman

Frank *McCreight*
CDP
JRS/MLL/CDP

cc: Wayne Bailey

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #154 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ UNIT, _____ 1980 FEET FROM _____ SOUTH LINE & _____ 660 FEET FROM _____ EAST LINE
 SECTION _____ 6 _____ TOWNSHIP _____ 24S _____, RANGE _____ 30E _____, COUNTY _____ EDDY _____, NEW MEXICO
 SPLUD DATE _____ 6/4/2001 _____ COMPLETION DATE _____ 7/7/2001 _____ INITIAL PRODUCTION _____ 7/11/2001
 PERFORATIONS _____ 7250'-7260' _____

STIMULATION:

ACID _____ 750 Gals 7 1/2" NEFE HCL Acid _____

FRACTURE _____ 55,800 gals Viking 30, 180,000# 16/30 Brady Sand + 60,000# CR4000 Sand _____

POTENTIAL _____ 7/16/2001 Pmpd 464 BO 625 MCF 245 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	11.9%	
Water saturation (Sw), %	55%	
Net Thickness (h), ft.	41	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,305	
Recovery factor (RF), %	10%	
Recoverable oil, BBLs *(See eq. below)	45,422	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)

Bol = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>7/31/2001</u> ;	<u>9479</u> BBL5
INITIAL RATE (qi)	<u>230</u>	
ECONOMIC LIMIT (qi)	<u>3</u> BOPD	
DECLINE RATE, dy	<u>Hyperbolic d - 79</u>	
REMAINING OIL (Q) =	<u>90,521</u> STB	
ULTIMATE RECOVERABLE OIL (STB)	<u>100,000</u> STB	

(Attach plot showing proration unit and participating area.)

ECONOMIC

WELL COST \$	<u>769,000</u>	(to the depth of formation completed)
RECOMPLETION COST \$	<u>0</u>	
TOTAL COST	<u>769,000</u>	

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-769,000</u>
1	<u>21,200</u>	<u>627,100</u>	<u>44,200</u>	<u>525,200</u>
2	<u>20,500</u>	<u>655,700</u>	<u>47,900</u>	<u>514,000</u>
3	<u>10,700</u>	<u>327,300</u>	<u>41,600</u>	<u>217,700</u>
4	<u>7,300</u>	<u>215,800</u>	<u>40,600</u>	<u>120,300</u>
5	<u>5,500</u>	<u>159,400</u>	<u>39,900</u>	<u>73,900</u>
6	<u>4,500</u>	<u>126,600</u>	<u>39,500</u>	<u>48,400</u>
7	<u>3,800</u>	<u>105,000</u>	<u>39,100</u>	<u>32,900</u>
8	<u>3,200</u>	<u>90,400</u>	<u>38,800</u>	<u>23,100</u>
9	<u>2,800</u>	<u>79,500</u>	<u>38,600</u>	<u>16,300</u>
10	<u>2,600</u>	<u>71,500</u>	<u>38,400</u>	<u>11,800</u>
REMAINDER	<u>18,800</u>	<u>528,100</u>	<u>420,700</u>	<u>24,800</u>
TOTAL	<u>100,900</u>	<u>2,986,400</u>	<u>829,300</u>	<u>839,400</u>

WELL IS COMMERCIAL

**POKER LAKE UNIT #154
WELL HISTORY**

WELL NAME: Poker Lake Unit #154

FIELD NAME: Nash Draw (Delaware)

LOCATION: 1980' FSL & 660' FEL
Section 6, T24S, R30E
Eddy County, New Mexico

ELEV: 3232' GL; 3245' KB

SPUD DATE: 6/3/2001; RR – 6/19/2001

COMP DATE: 7/7/2001

ORIG TD: 7440'

ORIG PBTD: 7350'

CASING: 8-5/8" 24# WC50 ST&C CSG Set @575' w/230sx, 12 1/4" hole 0-575'.
Cmt Circ.
7-7/8" hole 575-7440'
5-1/2" 15.5# K55, LT&C 0-6102', DV tool @ 6102'
5-1/2" 15.5# K55 LT&C 6102-6415'
5-1/2" 17# L80 6415'-7440'
Cmt 1st stage w/ 225 sxs, 2% zoneseal w/ 225 scf/bbl N2
Cmt 2nd stage w/ 420 sxs Premium Plus w/ 2% zone seal + 275 scf/bbl
TOC 3478' via TS.

TUBING: 2-7/8" EUE J-55

CORES & LOGS: 6/19/2001 – PLATFORM EXPRESS

INITIAL COMPLETION

6/25/2001 to 7/16/2001

RU, spot 750 gal 7 1/2"% NEFE HCL acid, Perf LBC "Y" Sand 7250-60', (10', 20 shots), Frac LBC "Y" Sand 7250-60' w/ 55,800 gals Viking-30 + 180,000# 16/30 Brady + 60,000# CR-4000. Run After frac log. RIH w/ Tbg and rods. 7/16/2001 (F) 464 BO 245 BW 628 MCF. 7/20/2001 (P) 206 BO 286 BW 1140 MCF.

Date: 08/29/2001
 Time: INDWELLS
 DBS: SETDATA
 Settings: MLL
 Scenario:

I N P U T D A T A I N I T I A L C A L C U L A T E D D A T A

ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	6995.83 X B/M	06/2010 AD	B/1.010	90.474	5/2010	97.4	6996.	214.
401 "	91.25 B/M	X YRS	EXP	110.754	2/2022	7.0	214.	91.
402 GAS/OIL	2.50 4.00 M/B	04/2002 AD	LOG		3/2002			
403 "	4.00 4.10 M/B	TO LIFE	LOG		2/2022			
404 WTR	3954.17 X B/M	251.53 IMU	B/1.010	251.530	8/2021	34.9	3954.	417.
405 PRI/OIL	29.4300 29.4300 \$/B	02/2001 AD	FLAT		7/2001		29.430	29.430
511 "	29.76 29.76 \$/B	03/2001 AD	FLAT		7/2001		29.760	29.760
512 "	27.29 27.29 \$/B	04/2001 AD	FLAT		7/2001		27.290	27.290
513 "	27.62 27.62 \$/B	05/2001 AD	FLAT		7/2001		27.620	27.620
514 "	28.70 28.70 \$/B	06/2001 AD	FLAT		7/2001		28.700	28.700
515 "	27.62 27.62 \$/B	07/2001 AD	FLAT		7/2001		27.620	27.620
516 "	26.58 26.58 \$/B	08/2001 AD	FLAT		7/2001		26.580	26.580
517 "	27.00 27.00 \$/B	09/2001 AD	FLAT		8/2001		27.000	27.000
518 "	27.70 27.70 \$/B	10/2001 AD	FLAT		9/2001		27.700	27.700
519 "	27.00 27.00 \$/B	12/2001 AD	FLAT		11/2001		27.000	27.000
520 "	26.60 26.60 \$/B	02/2002 AD	FLAT		1/2002		26.600	26.600
521 "	26.15 26.15 \$/B	04/2002 AD	FLAT		3/2002		26.150	26.150
522 "	25.75 25.75 \$/B	05/2002 AD	FLAT		4/2002		25.750	25.750
523 "	25.50 25.50 \$/B	06/2002 AD	FLAT		5/2002		25.500	25.500
524 "	25.25 25.25 \$/B	07/2002 AD	FLAT		6/2002		25.250	25.250
525 "	25.00 25.00 \$/B	08/2002 AD	FLAT		7/2002		25.000	25.000
526 "	24.60 24.60 \$/B	09/2002 AD	FLAT		8/2002		24.600	24.600
527 "	24.45 24.45 \$/B	10/2002 AD	FLAT		9/2002		24.450	24.450
528 "	24.30 24.30 \$/B	11/2002 AD	FLAT		10/2002		24.300	24.300
529 "	24.10 24.10 \$/B	12/2002 AD	FLAT		11/2002		24.100	24.100
530 "	23.90 23.90 \$/B	01/2003 AD	FLAT		12/2002		23.900	23.900
531 "	23.75 23.75 \$/B	02/2003 AD	FLAT		1/2003		23.750	23.750
532 "	23.60 23.60 \$/B	03/2003 AD	FLAT		2/2003		23.600	23.600
533 "	23.50 23.50 \$/B	04/2003 AD	FLAT		3/2003		23.500	23.500
534 "	23.40 23.40 \$/B	05/2003 AD	FLAT		4/2003		23.400	23.400
535 "	23.30 23.30 \$/B	06/2003 AD	FLAT		5/2003		23.300	23.300
536 "	23.20 23.20 \$/B	07/2003 AD	FLAT		6/2003		23.200	23.200
537 "	23.10 23.10 \$/B	08/2003 AD	FLAT		7/2003		23.100	23.100
538 "	23.00 23.00 \$/B	09/2003 AD	FLAT		8/2003		23.000	23.000
539 "	22.90 22.90 \$/B	10/2003 AD	FLAT		9/2003		22.900	22.900
540 "	22.80 22.80 \$/B	11/2003 AD	FLAT		10/2003		22.800	22.800
541 "	22.70 22.70 \$/B	12/2003 AD	FLAT		11/2003		22.700	22.700
542 "	22.60 22.60 \$/B	02/2004 AD	FLAT		1/2004		22.600	22.600
543 "	22.45 22.45 \$/B	04/2004 AD	FLAT		3/2004		22.450	22.450
544 "	22.30 22.30 \$/B	07/2004 AD	FLAT		6/2004		22.300	22.300
545 "	22.15 22.15 \$/B	11/2004 AD	FLAT		10/2004		22.150	22.150
546 "	22.00 22.00 \$/B	02/2005 AD	FLAT		1/2005		22.000	22.000
547 "	21.90 21.90 \$/B	05/2005 AD	FLAT		4/2005		21.900	21.900
548 "	21.80 21.80 \$/B	08/2005 AD	FLAT		7/2005		21.800	21.800
549 "	21.70 21.70 \$/B	11/2005 AD	FLAT		10/2005		21.700	21.700
550 "	21.60 21.60 \$/B	04/2006 AD	FLAT		3/2006		21.600	21.600
551 "	21.50 21.50 \$/B	08/2006 AD	FLAT		7/2006		21.500	21.500
552 "	21.40 21.40 \$/B	11/2006 AD	FLAT		10/2006		21.400	21.400
553 "	21.30 21.30 \$/B	03/2007 AD	FLAT		2/2007		21.300	21.300

554 #	21.25	21.25 \$/B	TO	LIFE	FLAT	0.00	2/2022	21.250	21.250
555 PRI/GAS	9.9100	9.9100 \$/M	02/2001	AD	FLAT	0.00	7/2001	9.910	9.910
556 "	6.22	6.22 \$/M	03/2001	AD	FLAT	0.00	7/2001	6.220	6.220
557 "	5.03	5.03 \$/M	04/2001	AD	FLAT	0.00	7/2001	5.030	5.030
558 "	5.35	5.35 \$/M	05/2001	AD	FLAT	0.00	7/2001	5.350	5.350
559 "	4.87	4.87 \$/M	06/2001	AD	FLAT	0.00	7/2001	4.870	4.870
560 "	3.78	3.78 \$/M	07/2001	AD	FLAT	0.00	7/2001	3.780	3.780
561 "	3.16	3.16 \$/M	08/2001	AD	FLAT	0.00	7/2001	3.160	3.160
562 "	3.25	3.25 \$/M	09/2001	AD	FLAT	0.00	8/2001	3.250	3.250
563 "	3.33	3.33 \$/M	10/2001	AD	FLAT	0.00	9/2001	3.330	3.330
564 "	3.40	3.40 \$/M	11/2001	AD	FLAT	0.00	10/2001	3.400	3.400
565 "	3.65	3.65 \$/M	12/2001	AD	FLAT	0.00	11/2001	3.650	3.650
566 "	3.90	3.90 \$/M	01/2002	AD	FLAT	0.00	12/2001	3.900	3.900
567 "	4.00	4.00 \$/M	02/2002	AD	FLAT	0.00	1/2002	4.000	4.000
568 "	3.90	3.90 \$/M	03/2002	AD	FLAT	0.00	2/2002	3.900	3.900
569 "	3.80	3.80 \$/M	04/2002	AD	FLAT	0.00	3/2002	3.800	3.800
570 "	3.60	3.60 \$/M	07/2002	AD	FLAT	0.00	6/2002	3.600	3.600
571 "	3.65	3.65 \$/M	09/2002	AD	FLAT	0.00	8/2002	3.650	3.650
572 "	3.70	3.70 \$/M	11/2002	AD	FLAT	0.00	11/2002	3.700	3.700
573 "	3.90	3.90 \$/M	12/2002	AD	FLAT	0.00	11/2002	3.900	3.900
574 "	4.00	4.00 \$/M	01/2003	AD	FLAT	0.00	12/2002	4.000	4.000
575 "	4.15	4.15 \$/M	02/2003	AD	FLAT	0.00	1/2003	4.150	4.150
576 "	4.00	4.00 \$/M	03/2003	AD	FLAT	0.00	2/2003	4.000	4.000
577 "	3.85	3.85 \$/M	04/2003	AD	FLAT	0.00	3/2003	3.850	3.850
578 "	3.60	3.60 \$/M	07/2003	AD	FLAT	0.00	6/2003	3.600	3.600
579 "	3.70	3.70 \$/M	11/2003	AD	FLAT	0.00	10/2003	3.700	3.700
580 "	3.90	3.90 \$/M	12/2003	AD	FLAT	0.00	11/2003	3.900	3.900
581 "	4.00	4.00 \$/M	03/2004	AD	FLAT	0.00	2/2004	4.000	4.000
582 "	3.85	3.85 \$/M	04/2004	AD	FLAT	0.00	3/2004	3.850	3.850
583 "	3.60	3.60 \$/M	06/2004	AD	FLAT	0.00	5/2004	3.600	3.600
584 "	3.66	3.66 \$/M	08/2004	AD	FLAT	0.00	7/2004	3.660	3.660
585 "	3.69	3.69 \$/M	11/2004	AD	FLAT	0.00	10/2004	3.690	3.690
586 "	3.67	3.67 \$/M	02/2005	AD	FLAT	0.00	1/2005	3.670	3.670
587 "	3.65	3.65 \$/M	05/2005	AD	FLAT	0.00	4/2005	3.650	3.650
588 "	3.63	3.63 \$/M	08/2005	AD	FLAT	0.00	7/2005	3.630	3.630
589 "	3.62	3.62 \$/M	11/2005	AD	FLAT	0.00	10/2005	3.620	3.620
590 "	3.60	3.60 \$/M	04/2006	AD	FLAT	0.00	3/2006	3.600	3.600
591 "	3.58	3.58 \$/M	08/2006	AD	FLAT	0.00	7/2006	3.580	3.580
592 "	3.57	3.57 \$/M	11/2006	AD	FLAT	0.00	10/2006	3.570	3.570
593 "	3.55	3.55 \$/M	03/2007	AD	FLAT	0.00	2/2007	3.550	3.550
594 "	3.54	3.54 \$/M	TO	LIFE	FLAT	0.00	2/2022	3.540	3.540
595 PAJ/OIL	-0.75	-0.75 \$/B	TO	LIFE	PC	0	7/2001	-0.750	-0.750
596 PAJ/GAS	-1.00	-1.00 \$/M	TO	LIFE	PC	0	7/2001	-1.000	-1.000
600 OPC/T	2280.00	X \$/M	TO	LIFE	PC	0.00	2/2022	2280.000	2280.000
601 OPC/WTR	1.20	1.20 \$/U	02/2002	AD	PC	0.00	7/2001	1.200	1.200
602 "	0.15	0.15 \$/U	TO	LIFE	PC	0.00	2/2022	0.150	2280.000
603 STX/OIL	7.08	X %	TO	LIFE	PC	0.00	2/2022	0.071	0.071
604 STX/GAS	7.93	X %	TO	LIFE	PC	0.00	2/2022	0.079	0.079
605 ATX	0.50	0.50 %	TO	LIFE	PC	0.00	7/2001	0.005	0.005
606 OH /OPC	33.00	33.00 %	TO	LIFE	PC	0.00	7/2001	0.330	0.330
705 LSE/WI	100.0000	D %	TO	LIFE	FLAT	0.00	2/2022	1.000	1.000
720 NET/OIL	84.5000	D %	TO	LIFE	FLAT	0.00	2/2022	0.845	0.845
740 NET/GAS	84.5000	D %	TO	LIFE	FLAT	0.00	2/2022	0.845	0.845
780 LSE/NPI	0.0000	D %	TO	LIFE	FLAT	0.00	2/2022		

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 DRILL	262.00	08/2001 AD	PC	770.000	8/2001	0	770.0	770.0
801 OVERHEAD	0.00	08/2001 AD	PC	84.700	8/2001	0	84.7	84.7
802 SALV	-25.00	TO LIFE	PC	-25.000	2/2022	0	-25.0	-25.0

MISC. PARAMETERS

Item	Item
201 BTU	1.23
202 CUMO, MB	9.64
250 LOSS	NO
	CUMG, MMF
	21.83
	CUML, MB

PROJECT RUN SETTINGS

Base Date : 08/2001 Time Frames : 5,48*12,619
 P.W. Date : 08/2001 Primary PW% : 10.0 Discount Freq. : MO
 Report Date : 08/2001
 Qualifiers : Prod = PLU154CD Price = AVERAGE Cost = AVERAGE Owner = AVERAGE
 Title = DEFAULT Misc = PLU154CD Invest = PLU154CD Overlay = DEFAULT
 NET/WTR WI

DATE : 08/29/2001
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : MLL

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 08/2001

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 S TOT AFTER 20.6 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 854.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 854.7 -25.0 829.7 0.0
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 829.7 829.7

OIL PHASE

8) GROSS OIL, MB 21.2 20.5 10.7 7.3 5.5 4.5 3.8 3.2 2.8 2.6 82.1 18.8 100.9
 9) NET OIL, MB 17.9 17.3 9.0 6.2 4.7 3.8 3.2 2.7 2.4 2.2 69.4 15.9 85.3
 10) OIL REVENUE, M\$ 472.3 426.9 202.7 132.5 98.5 78.3 65.0 56.0 49.2 44.2 1625.8 325.9 1951.7
 11) OIL PRICE, \$/B 26.35 24.61 22.45 21.52 20.72 20.51 20.50 20.50 20.50 20.50 23.43 20.50 22.89

GAS PHASE

12) GROSS GAS, MMF 60.3 79.7 42.8 29.2 22.2 18.0 15.1 13.0 11.5 10.3 302.1 76.5 378.7
 13) NET GAS, MMF 50.9 67.3 36.2 24.7 18.8 15.2 12.8 11.0 9.7 8.7 255.3 64.7 320.0
 14) GAS REVENUE, M\$ 154.8 228.8 124.6 83.3 60.9 48.2 39.9 34.4 30.3 27.3 832.6 202.2 1034.8
 15) GAS PRICE, \$/MCF 3.038 3.399 3.445 3.373 3.240 3.174 3.129 3.127 3.127 3.127 3.261 3.127 3.234

ECONOMICS, M\$

19) GROSS REV. TO INTR. 627.1 655.7 327.3 215.8 159.4 126.6 105.0 90.4 79.5 71.5 2458.3 528.1 2986.5
 20) - SEV. TAX 45.7 48.4 24.2 16.0 11.8 9.4 7.8 6.7 5.9 5.3 181.1 39.1 220.2
 21) - AD VALOREM TAX 2.9 3.0 1.5 1.0 0.7 0.6 0.5 0.4 0.4 0.3 11.4 2.4 13.8
 22) - OPERATING COSTS 44.2 47.9 41.6 40.6 39.9 39.5 39.1 38.8 38.6 38.4 408.5 420.7 829.2
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 534.3 556.5 260.0 158.2 106.9 77.2 57.6 44.5 34.7 27.5 1857.4 65.9 1923.2
 29) - INVESTMENTS & RSK 854.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 854.7 -25.0 829.7
 30) = BFIT NET -320.4 556.5 260.0 158.2 106.9 77.2 57.6 44.5 34.7 27.5 1002.7 90.9 1093.5

PRESENT WORTH @ 10.00 %

31) NET INCOME 525.2 514.0 217.7 120.3 73.9 48.4 32.9 23.1 16.3 11.8 1583.5 24.8 1608.3
 32) INVESTMENTS & RISK 854.7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 854.7 -3.5 851.2
 33) BFIT NET -329.5 514.0 217.7 120.3 73.9 48.4 32.9 23.1 16.3 11.8 728.8 28.4 757.2
 34) CUM BFIT NET -329.5 184.5 402.1 522.4 596.2 644.7 677.6 700.6 717.0 728.8 728.8 757.2 757.2

NASH DRAW AVERAGE NASH DRAW AV

DATE : 08/29/2001
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : MLL

A F T E R T A X E C O N O M I C S

AS OF DATE: 08/2001
 20.6 YR
 PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 S TOT AFTER TOTAL

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	84.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.7	0.0	84.7
2) DEPLETABLE	508.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	508.0	0.0	508.0
3) DEPRECIABLE	262.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	262.0	-25.0	237.0

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	627.1	655.7	327.3	215.8	159.4	126.6	105.0	90.4	79.5	71.5	2458.3	528.1	2986.5
5) - SEVERANCE TAX	45.7	48.4	24.2	16.0	11.8	9.4	7.8	6.7	5.9	5.3	181.1	39.1	220.2
6) - OPR. COSTS & ATX	47.1	50.9	43.1	41.6	40.7	40.0	39.6	39.2	38.9	38.7	419.8	423.2	843.0
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	11.0	11.9	10.3	10.1	9.9	9.8	9.7	9.6	9.6	9.5	101.3	104.4	205.7
10) - EXPENSED INV.	84.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	84.7	0.0	84.7
11) - DEPRECIATION	78.6	55.0	38.5	27.0	18.9	13.2	9.2	6.5	4.5	3.2	254.6	7.4	262.0
12) = NET	371.0	501.5	221.5	131.2	88.1	63.9	48.4	38.1	30.2	24.4	1518.1	58.4	1576.5
13) - DEPLETION TAKEN	106.8	103.3	53.8	36.7	27.9	22.5	18.9	16.3	14.3	12.9	413.3	94.7	508.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	264.2	398.1	167.7	94.5	60.2	41.4	29.5	21.8	15.9	11.5	1104.8	-36.3	1068.5
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	89.8	135.4	57.0	32.1	20.5	14.1	10.0	7.4	5.4	3.9	375.6	-12.3	363.3

REVENUE-SEV

19) REVENUE-SEV	581.4	607.4	303.1	199.8	147.6	117.2	97.2	83.7	73.6	66.2	2277.2	489.0	2766.2
20) - OPR. COSTS & ATX	47.1	50.9	43.1	41.6	40.7	40.0	39.6	39.2	38.9	38.7	419.8	423.2	843.0
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	89.8	135.4	57.0	32.1	20.5	14.1	10.0	7.4	5.4	3.9	375.6	-12.3	363.3
24) = A.F.I.T.	444.4	421.1	203.0	126.0	86.5	63.1	47.6	37.1	29.3	23.6	1481.7	78.2	1559.9
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	444.4	421.1	203.0	126.0	86.5	63.1	47.6	37.1	29.3	23.6	1481.7	78.2	1559.9
28) - INVESTMENTS & RSK	854.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	854.7	-25.0	829.7
29) = A.F.I.T. NET	-410.3	421.1	203.0	126.0	86.5	63.1	47.6	37.1	29.3	23.6	627.0	103.2	730.2

PRESENT WORTH @ 10.00 %

30) NET INCOME	435.7	385.9	169.1	95.4	59.5	39.5	27.1	19.2	13.8	10.1	1255.3	25.8	1281.1
31) INVESTMENTS & RISK	854.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	854.7	-3.5	851.2
32) A.F.I.T. NET	-419.0	385.9	169.1	95.4	59.5	39.5	27.1	19.2	13.8	10.1	400.6	29.3	429.9
33) COM. A.F.I.T. NET	-419.0	-33.1	136.0	231.4	290.9	330.4	357.5	376.7	390.5	400.6	400.6	429.9	429.9

NASH DRAW AVERAGE NASH DRAW AV
 DATE : 08/29/2001
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : MLL

E C O N O M I C I N D I C A T O R S

AS OF DATE: 08/2001

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

0.	1093.514	730.220	1106.393
5.	899.266	553.955	768.874
10.	757.152	429.908	567.390
15.	647.783	336.607	430.048
20.	560.420	263.062	328.511
25.	488.626	203.086	249.332
30.	428.300	152.910	185.248
35.	376.699	110.097	131.952
40.	331.912	72.988	86.696
50.	257.646	11.500	13.468
60.	198.181	-37.734	-43.715
70.	149.191	-78.320	-89.953
80.	107.938	-112.524	-128.325
90.	72.590	-141.859	-160.818
100.	41.869	-167.376	-188.780

RATE OF RETURN, PCT.	100.0	52.3
UNDISCOUNTED PAYOUT, YRS.	0.99	1.39
DISCOUNTED PAYOUT, YRS.	1.06	1.61
UNDISCOUNTED NET/INVEST.	2.32	1.88
DISCOUNTED NET/INVEST.	1.89	1.51

NOTES

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED
OMB No. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NMLC068545

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion New Well Work Over Deepen Plug Back Diff. Resvr.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO
Contact: TAMI WILBER
E-Mail: ttwilber@basspet.com

7. Unit or CA Agreement Name and No.
NVM71016X

3. Address
P.O. BOX 2760
MIDLAND, TX 79702

3a. Phone No. (include area code)
Ph: 915.683.2277 Fx: 915.687.0329

8. Lease Name and Well No.
POKER LAKE UNIT 154

4. Location of Well (Report location clearly and in accordance with Federal Regulations)
At surface NESE 1980FSL 660FEL
At top prod interval reported below NESE 1980FSL 660FEL
At total depth NESE 1980FSL 660FEL

RECEIVED
AUG 10 2001
BEP CO - WTD PRODUCTION

9. API Well No.
30-015-31686-00-1 S1

10. Field and Pool, or Exploratory
FORTY NINER RIDGE

11. Sec., T., R., M., or Block and Survey
or Area Sec 6 T24S R30E Mer NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
06/04/2001

15. Date T.D. Reached
06/28/2001

16. Date Completed
07/10/2001

17. Elevations (DF, KB, RT, GL)*
3234 GL

18. Total Depth: MD 7440
TVD

19. Plug Back T.D.: MD
TVD

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PE:AITMCF GR;PE:TDLDCN GR;ML GR

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit analysis)
Directional Survey? No Yes (Submit analysis)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Casing Top*	Amount Pulled
12.250	8.625 WC50	24.000		575		330		0	
7.875	5.500 K55	16.000		6102		205		6100	
7.875	3.500 K55	16.000	6121	6415	6102	40			
7.875	5.500 L80	17.000	6415	7440		400		3465	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875		7038						

25. Producing Intervals

26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) DELAWARE			7250 TO 7260		20	P
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
7250 TO 7260	55.800 GALS VIKING 30 + 174,300 16/30 BS
7250 TO 7260	60,000 16/30 CR-4000

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
07/11/2001	07/16/2001	24	▶	464.0	625.0	245.0			ELECTRIC PUMPING UNIT
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
12/64	300 SI	1230.0	▶	464	625	245	1346	POW	

ACCEPTED FOR RECORD
AUG - 9 2001
ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			▶						

(See Instructions and spaces for additional data on reverse side)

ELECTRONIC SUBMISSION #6296 VERIFIED BY THE BLM WELL INFORMATION SYSTEM

** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED **

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				RUSTLER ANHYDRITE	395
				TOP SALT	623
				RAMSEY	3312
				BOTTOM SALT	3546
				LAMAR	3573
				LOWER BRUSHY CANYON 8A	7044
				PENN SAND	7196
				BONE SPRING	7306

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #6296 Verified by the BLM Well Information System for BASS ENTERPRISES PRODUCTION CO.
Sent to the Carlsbad. Committed to AFMSS for processing by linda askwig on 08/09/2001 (01LA0793SE)

Name (please print) TAMI WILBER

Title AUTHORIZED REPRESENTATIVE

Signature _____

Date 08/08/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

**** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ** REVISED ****

DISTRICT I
1825 N. French Dr., Hobbs, NM 88248

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Hrazos Rd., Artes, 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 30-015-31686	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 154
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3232'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	6	24 S	30 E		1980	SOUTH	660	EAST	EDDY

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

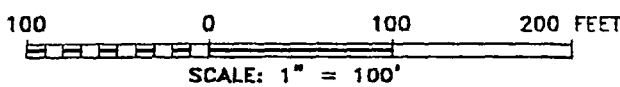
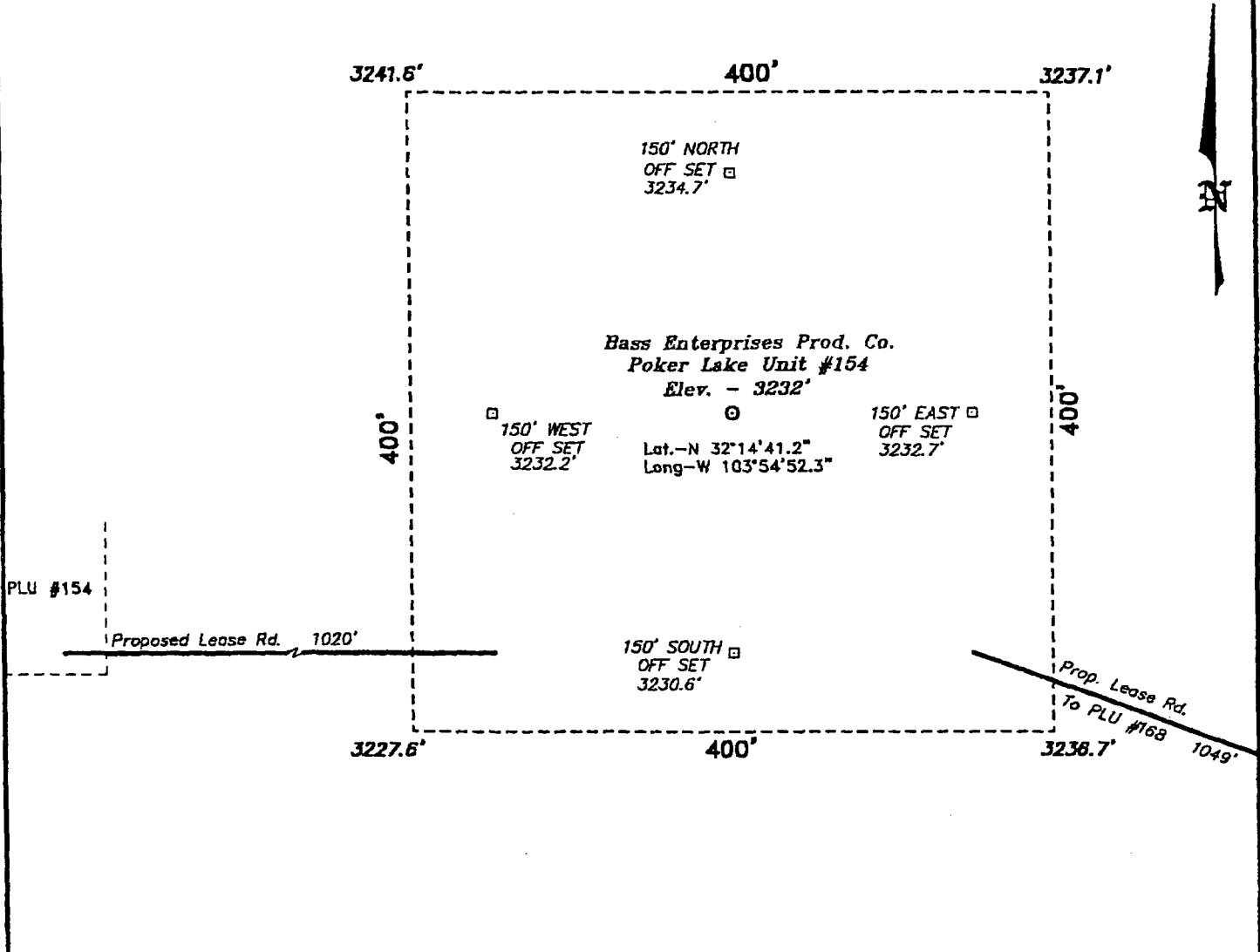
Dedicated Acres 40	Joint or Infill N	Consolidation Code	Order No.
-----------------------	----------------------	--------------------	-----------

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

<p>LOT 1 - 40.72 AC.</p> <p>LOT 2 - 40.58 AC.</p> <p>LOT 3 - 40.42 AC.</p> <p>LOT 4 - 40.28 AC.</p>	<p>LAT - N32°14'41.2"</p> <p>LONG - W103°54'52.3"</p>		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature Tami Wilber Printed Name Production Clerk Title 8/8/01 Date</p> <p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>August 21, 2000 Date Surveyed <u>GRAY L. JONES</u> Signature Professional Surveyor 7977 Certification No. 0 PROFESSIONAL SURVEYOR 7977 BASSON SURVEYS</p>
	<p>3241.6' 3237.1'</p> <p>3227.6' 3236.7'</p> <p>660'</p> <p>1980'</p>		
	<p>7977</p>		

SECTION 6, TOWNS. P 24 SOUTH, RANGE
EDDY COUNTY,

EAST, N.M.P.M.,
NEW MEXICO.



DIRECTIONS TO LOCATION:

FROM THE JUNCTION OF STATE HWY 128 & CO. RD. 793, GO SOUTH AND WEST ON CO. RD. 793 APPROX. 4.0 MILES TO A LEASE ROAD; THENCE SOUTH ON LEASE ROAD APPROX. 4.0 MILES TO A POINT WHICH LIES APPROX. 0.5 MILE WEST OF THE PROPOSED WELL LOCATION.

BASS ENTERPRISES PRODUCTION CO.

REF: Poker Lake Unit No. 154 / Well Pad Topo

THE POKER LAKE UNIT No. 154 LOCATED 1980' FROM THE SOUTH LINE AND 660' FROM THE EAST LINE OF SECTION 6, TOWNSHIP 24 SOUTH, RANGE 30 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO.

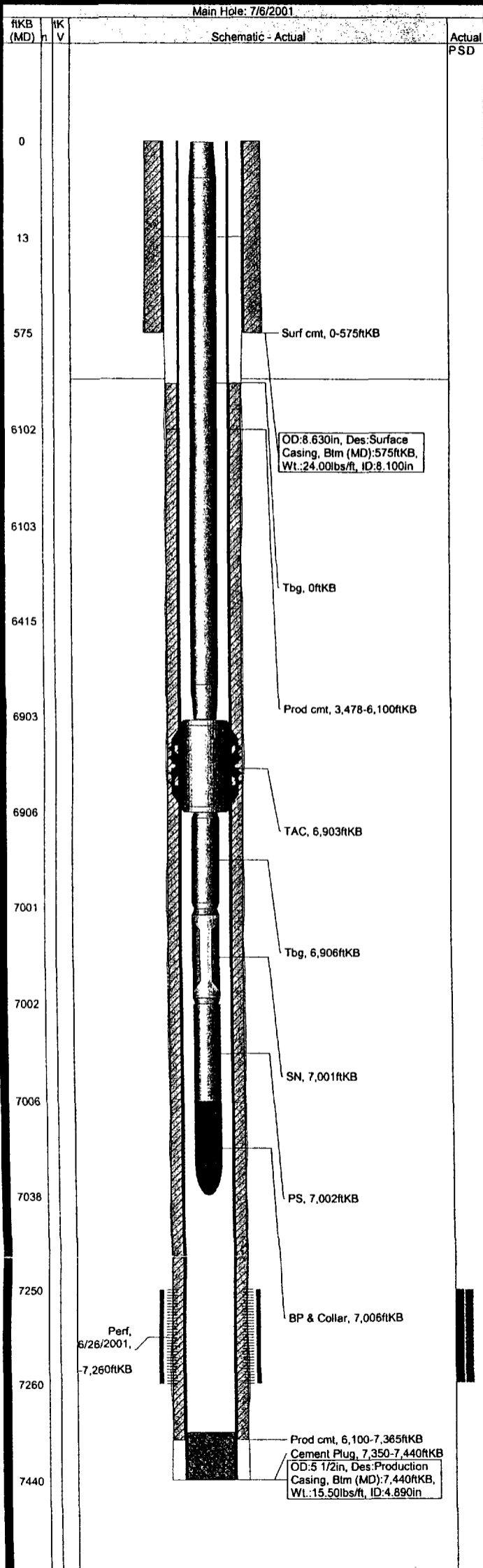
BASIN SURVEYS P.O. BOX 1786 - HOBBS, NEW MEXICO

W.O. Number: 447 Drawn By: **K. GOAD**

Date: 08-23-2000 Disk: KJG #122 - 0447A.DWG

Survey Date: 08-21-2000 Sheet 1 of 1 Sheets

Field Name NASH DRAW (DELAWARE)			County EDDY			State/Province NM			Well Type ACT OIL			Current Well Status ACT OIL		
KB Elev (ft) 3245.00	Ground Elev (ft) 3232.00	Spud Date 5/31/2001	Rig Release Date 6/20/2001	Abandon Date	PBTD (ftKB) 7,350.0	Total Depth 7440	Well File Author CDP	Engineer in Charge MLL						
Surface Legal Location T: 24S,R: 30E,Sec: 6,Unit: L, NM,EDDY					NS Dist (ft) 1980.0	NS Flag S	EW Dist (ft) 660.0	EW Flag E	Comment Date Updated: 7/23/2001					



Wellbores: Main Hole									
Sz (in)		Top (ftKB)			Btm (ftKB)				
12 1/4		13.0			575.0				
7 7/8		575.0			7,440.0				
Surface Casing, 575.0									
Joints	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Comment	
13	8.63	8.100	24.00	WC50	STC	0.0	575.0		
Production Casing, 7,440.0									
Joints	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)	Comment	
141	5 1/2	4.950	15.50	K55	LTC	0.0	6,102.0		
	5 1/2	4.950				6,102.0	6,103.0	DV TOOL	
7	5 1/2	4.950	15.50	K55	LTC	6,103.0	6,415.0		
24	5 1/2	4.890	17.00	L80	LTC	6,415.0	7,440.0		
Description		Top (ftKB)	Bottom (ftKB)	Comment					
Surf cmt		0.0	575.0						
Cement Plug		7,350.0	7,440.0						
Prod cmt		3,478.0	6,100.0						
Prod cmt		6,100.0	7,365.0						
Tubing set at 7,038.0 on 7/6/2001 00:00									
Item Desc	Corr. MD Top (ftKB)	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread		
Tbg		218	2 7/8	2.441	6.50	J55	EUE		
TAC			5 1/2	2.441					
Tbg		3	2 7/8	2.441	6.50	J55	EUE		
SN			2 7/8	2.441					
PS			2 7/8	2.441					
BP & Collar		1	2 7/8	2.441	6.50	J55	eue		

Perforations					
Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Shot Total	Date	Curr. Stat.
7,250.0	7,260.0	2.0	20	6/26/2001 00:00	

Stimulations and Treatments: Sd Frac on 7/3/2001				
Fluid	V(pumped) (bbl)	Top (ftKB)	Btm (ftKB)	Start
CR4000, Sand	60000.00	7,250.0	7,260.0	7/3/2011 00:00
16/30 Brady, Sand	179999.99	7,250.0	7,260.0	7/3/2011 00:00
Viking 30, Gel	1328.50	7,250.0	7,260.0	7/3/2011 00:00

Formations									

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 20, 2002

366

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Larry Bray

Attention: Mr. Roy Johnson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: Initial Morrow "B" Participating Area
N/2 Section 6, T24S-R30E
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the Initial Morrow "B" Participating Area to wit:

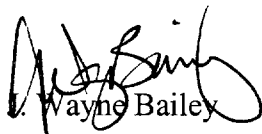
N/2 Section 6, T24S-R30E containing 321.30 acres of land.

In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed initial participating area for the Morrow "B" Formation.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Morrow "B" Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed initial participating area is predicated upon the knowledge and information first obtained upon the completion of Poker Lake Unit Well No. 153 (located in the SW/4 NE/4 of Section 6, T24S-R30E) on April 16, 2001. It should be noted that the No. 153 Well has been previously determined as capable of producing in commercial quantities. Therefore, Bass respectively requests your approval of the hereinabove selection of lands to constitute the Initial Morrow "B" Participating Area to be effective April 16, 2001. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,



Wayne Bailey

ACCEPTED AND AGREED this _____ day of _____, 2002

BUREAU OF LAND MANAGEMENT

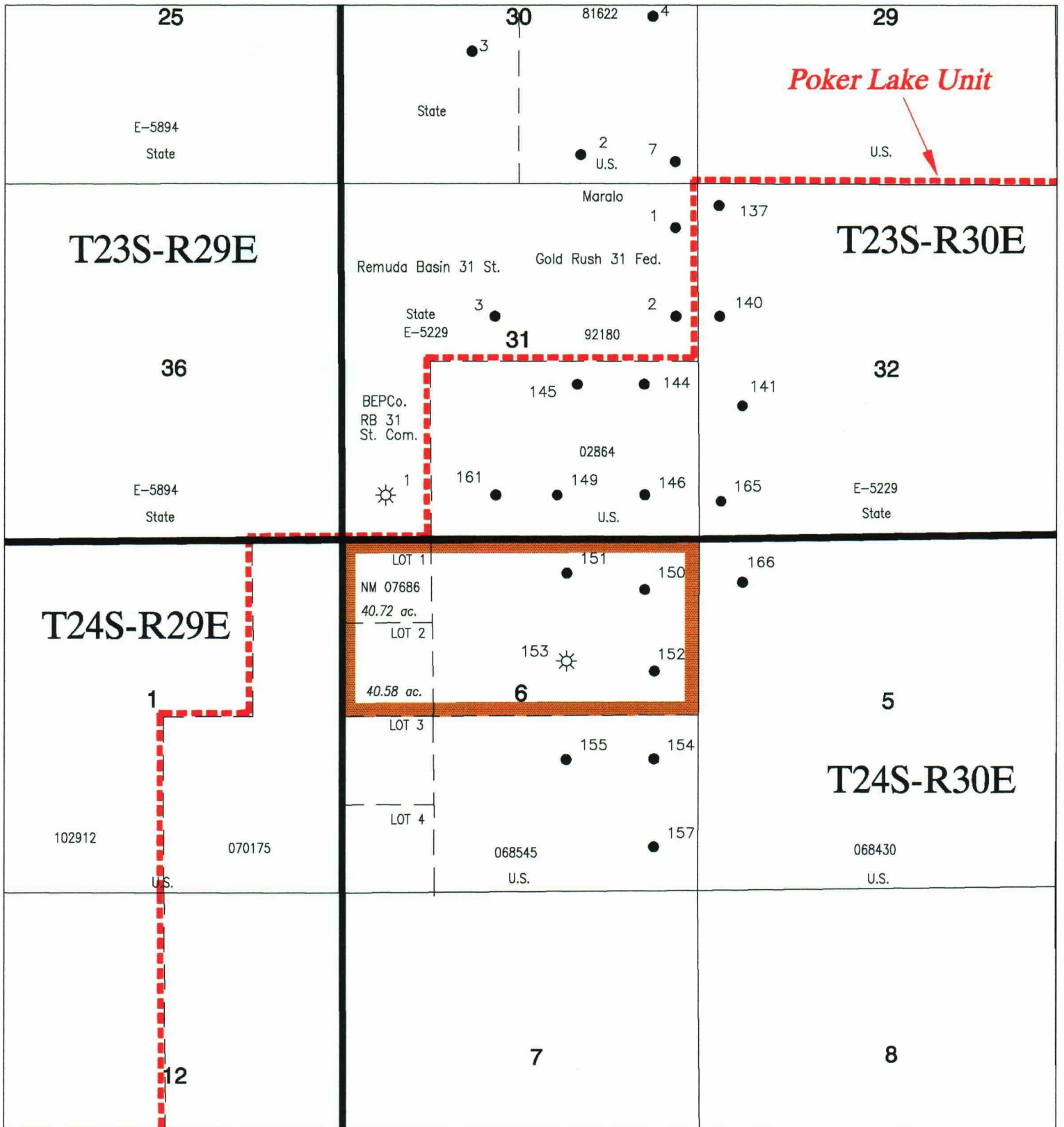
By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____



Poker Lake Unit

T23S-R29E

T23S-R30E

T24S-R29E

T24S-R30E

LEGEND



Initial Morrow "B"
Participating Area - (4-16-01) 321.30 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 2-19-02	INTER. BY: WC	SCALE: 1" = 2000'
DEPT: Land	DRAFTED BY: PO	DWG: mrrw b Initial pa.dwg

EXHIBIT "B"

**Initial Morrow "B" Participating Area
Poker Lake Federal Unit
Eddy County, New Mexico**

Tract No.	<u>Lease No.</u>	<u>Description</u>	<u>Participating Acres</u>	<u>Percentage of Participation</u>	<u>Working Interest Owners</u>
13-a	NM-03075	Section 6: T24S-R30E; NE/4 NW/4	40.00	12.44942	Bass Enterprises Production Co. – 100%
13-b	NM-07686	Section 6: T24S-R30E; Lot 1	40.72	12.67352	Bass Enterprises Production Co. – 100%
44	LC-068545	Section 6: T24S-R30E Lot 2, SE/4 NW/4, NE/4	240.58	74.87706	Bass Enterprises Production Co. – 100%
Totals			321.30	100%	
Total Federal Land:		321.30 Acres			
Total State Lands:		0.00 Acres			
Total Fee Lands:		<u>0.00</u> Acres			
Total		321.30			

POKER LAKE UNIT NO. 153 (MORROW)—PROPOSED PARTICIPATION AREA

N/2 Section 6, T24S-R30E, Eddy County, New Mexico

GEOLOGICAL ATTACHMENTS

1. Structure Map: Top of Morrow
2. Morrow Production Map
3. Type Log (Strawn-Morrow): P.L.U. No. 153
4. Net Sand Isopach: Middle Morrow "C"
5. "Electric Logs": P.L.U. 49, 59, 153 & Remuda Basin St. Com. 31 No. 1

DISCUSSION

Located along a NNW-SSE trending structural nose at the Atoka and Morrow levels (Attachment No. 1) and coincident with NNW-SSE trending Middle Morrow "A", "B", and "C" (Attachments 3, 4, & 5) sand channels, the Poker Lake Unit No. 153 (6-T24S-R30E) is a commercial Morrow producer. Logged 2/28/01 and completed 4/12/01, the well had produced 322 MMCF thru 10/31/01 and is currently (11/27/01) active at 1.785 MMCFPD. Although perforations exist in both the "B" (14058-64) and "C" (14181-216) reservoirs, production logs indicate that all of the current production is from the "C" reservoir. In future operations the "B" reservoir will be stimulated to remove near well-bore damage. In addition, pay behind pipe exists in the "A" sand.

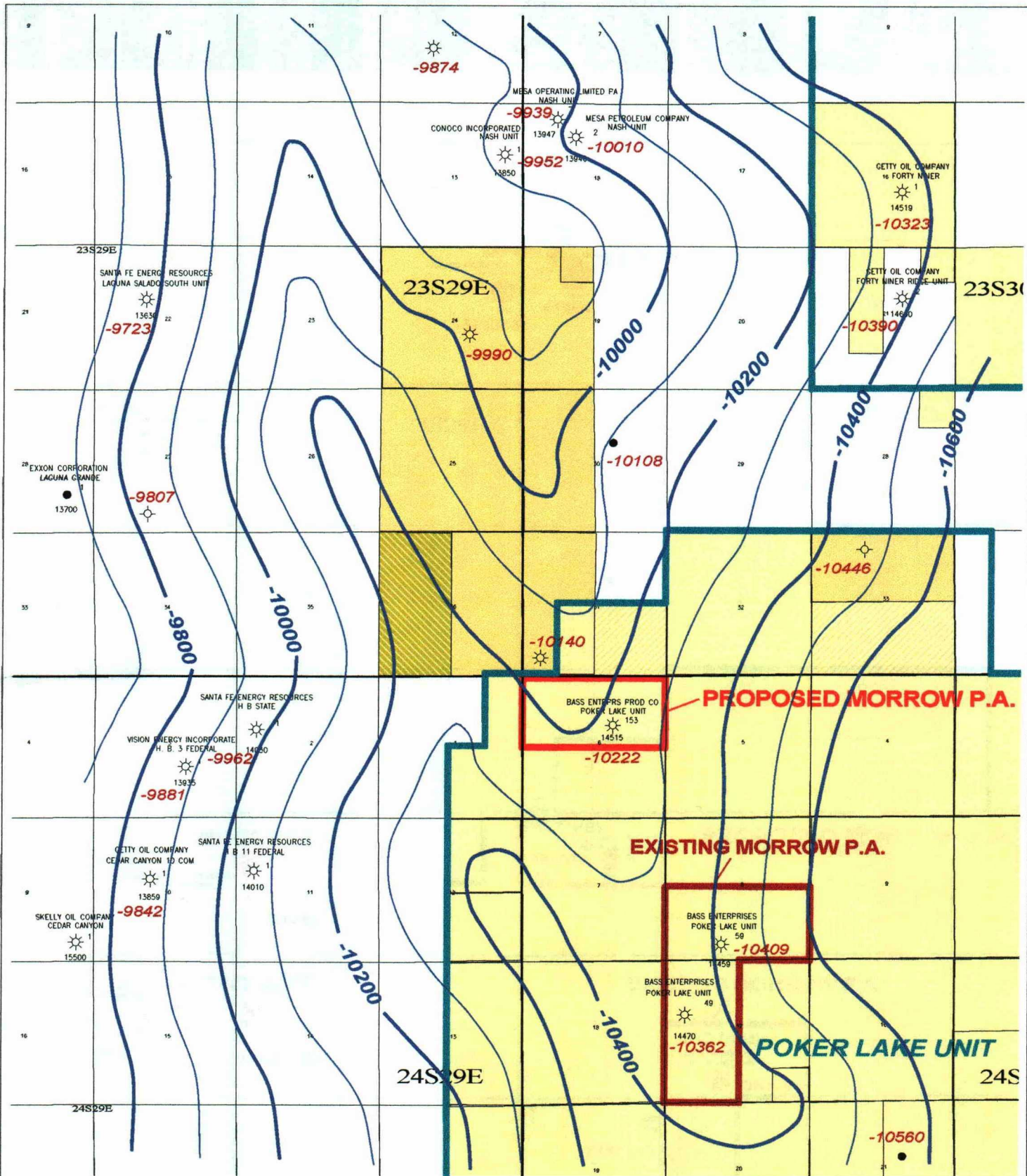
The proposed P.A. is located one mile northwest of an existing 640 acre Morrow P.A. involving the PLU Nos. 49 & 59. The "C" reservoir is the productive interval in both wells (PLU 49—logged 3/81—3.757 BCF—currently inactive; PLU 59—logged 10/82—1.362 BCF since 6/93—active @ 200 MCFPD), but it should be noted that no pressure communication is evident with the PLU 153.

To the northwest of PLU 153, the Remuda Basin 31 State Com. No. 1 (6-T23S-R30E) was logged on 7/28/01 and is currently being tested in the "B" and "C" sands (13863-14050 OA). Initially no gas flow could be attained on the well but engineering tests found the reservoir interval to be severely damaged. Subsequently a methanol treatment has recently been performed on the well resulting in an initial rate of 149 MCFPD. We plan to continue to flow the well in order to see if it will clean up and also eventually we will add perforations in the "A" sand, but at this time it is not a commercial well.

Although mapping of the "C" sand could possibly be refined by net-porosity mapping, it appears based on well control and production that we need around 15' of net clean sand for commerciality. It should be noted however that this "critical contour" level could also be supported at a 10' net clean sand thickness.

Please feel free to contact me with any questions or for any additional geological data needed.

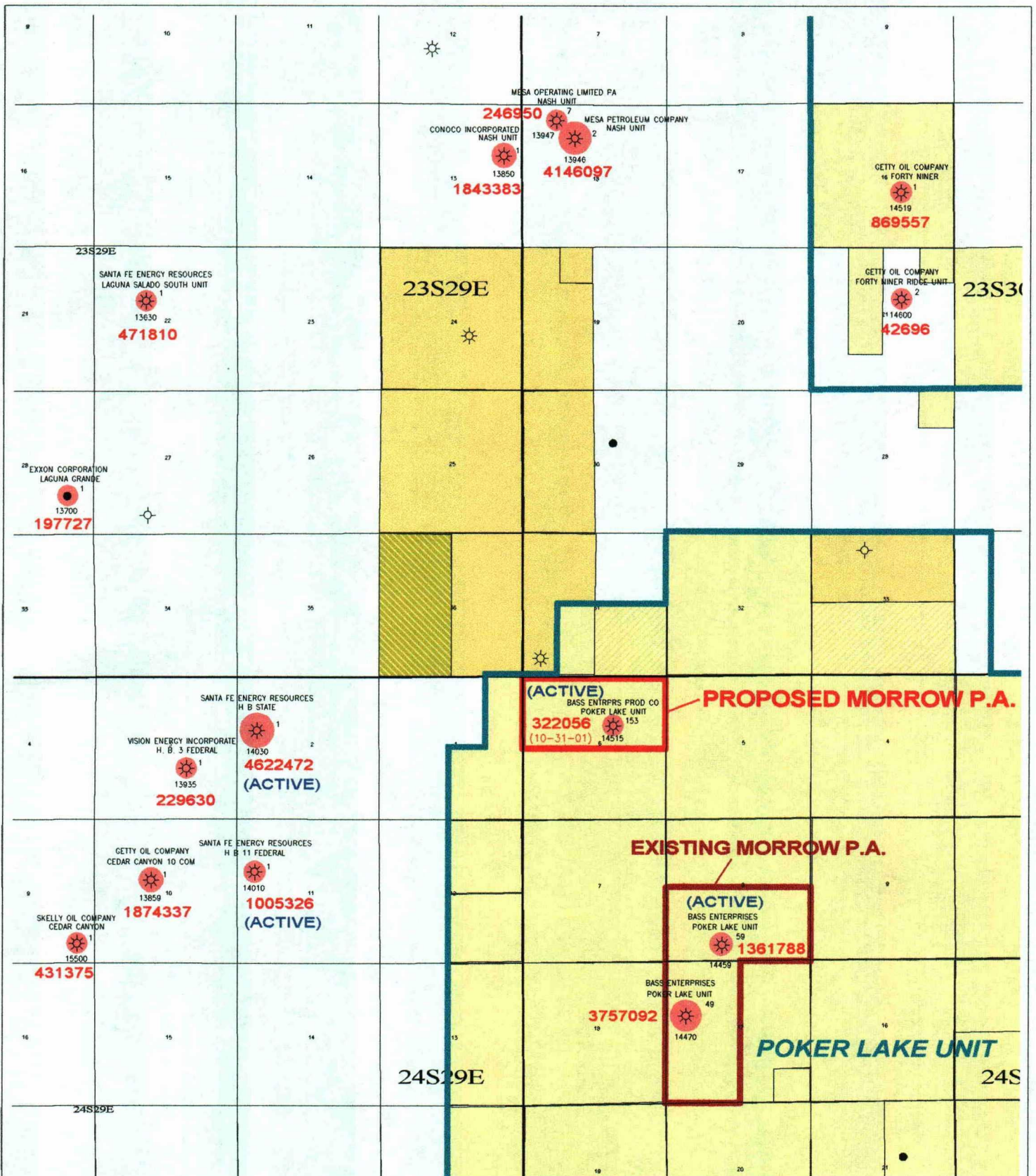
George A. Hillis
Division Geologist
817 390 8661



NOTE: ONLY MORROW PENETRATIONS ARE SHOWN

GEOLOGICAL ATTACHMENT # 1

Bass Enterprises Production Co.		
REMUDA BASIN - EDDY CO., NEW MEXICO		
STRUCTURE MAP		
TOP MORROW LIME		
Deborah L. Glover	1"=5000' 0"=100'	11/28/01
proj: 99-new-mexic	proj20-poker-lake	file: 153poker.gpl



NOTE: ONLY MORROW PENETRATIONS ARE SHOWN

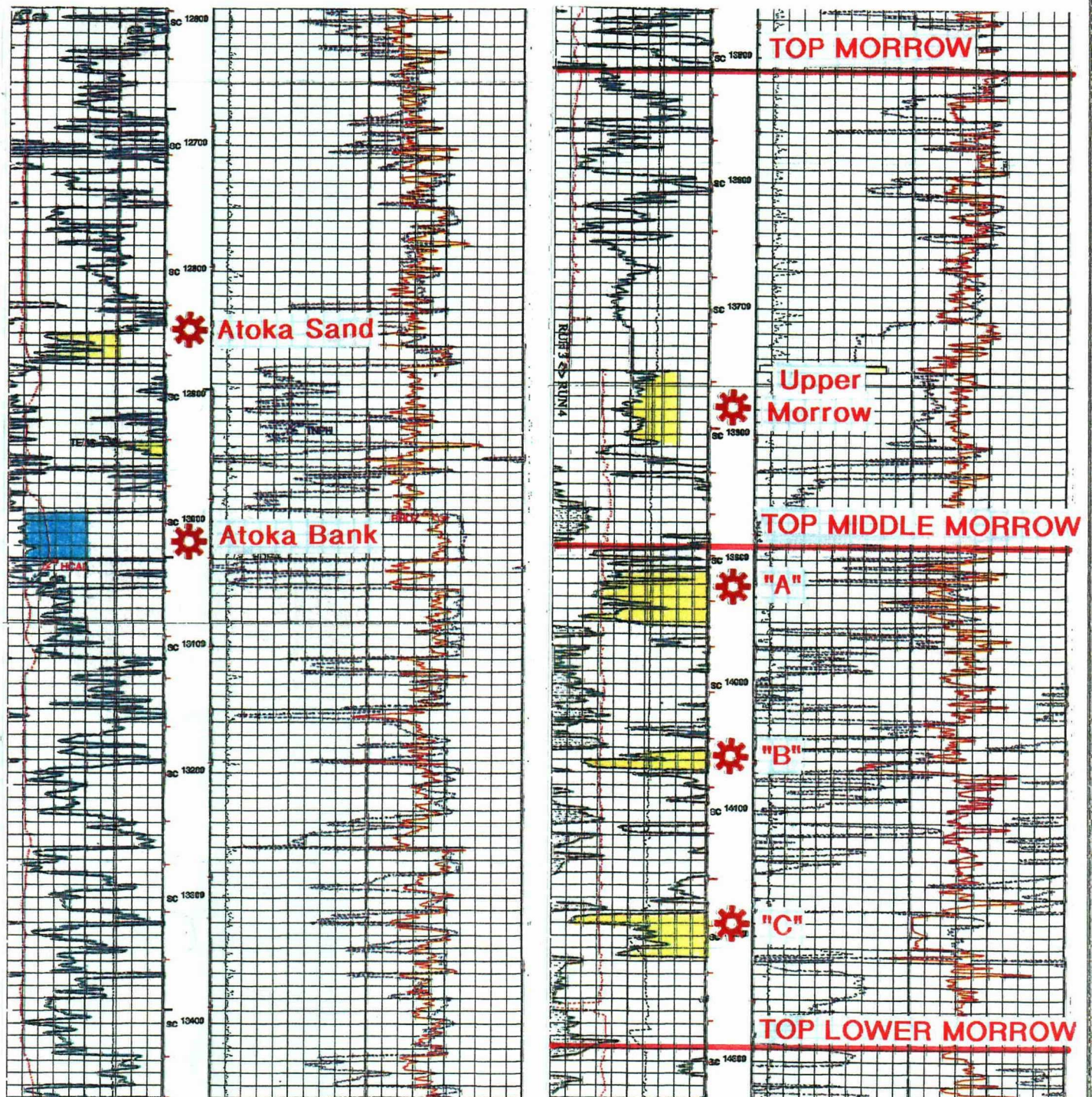
GEOLOGICAL ATTACHMENT # 2

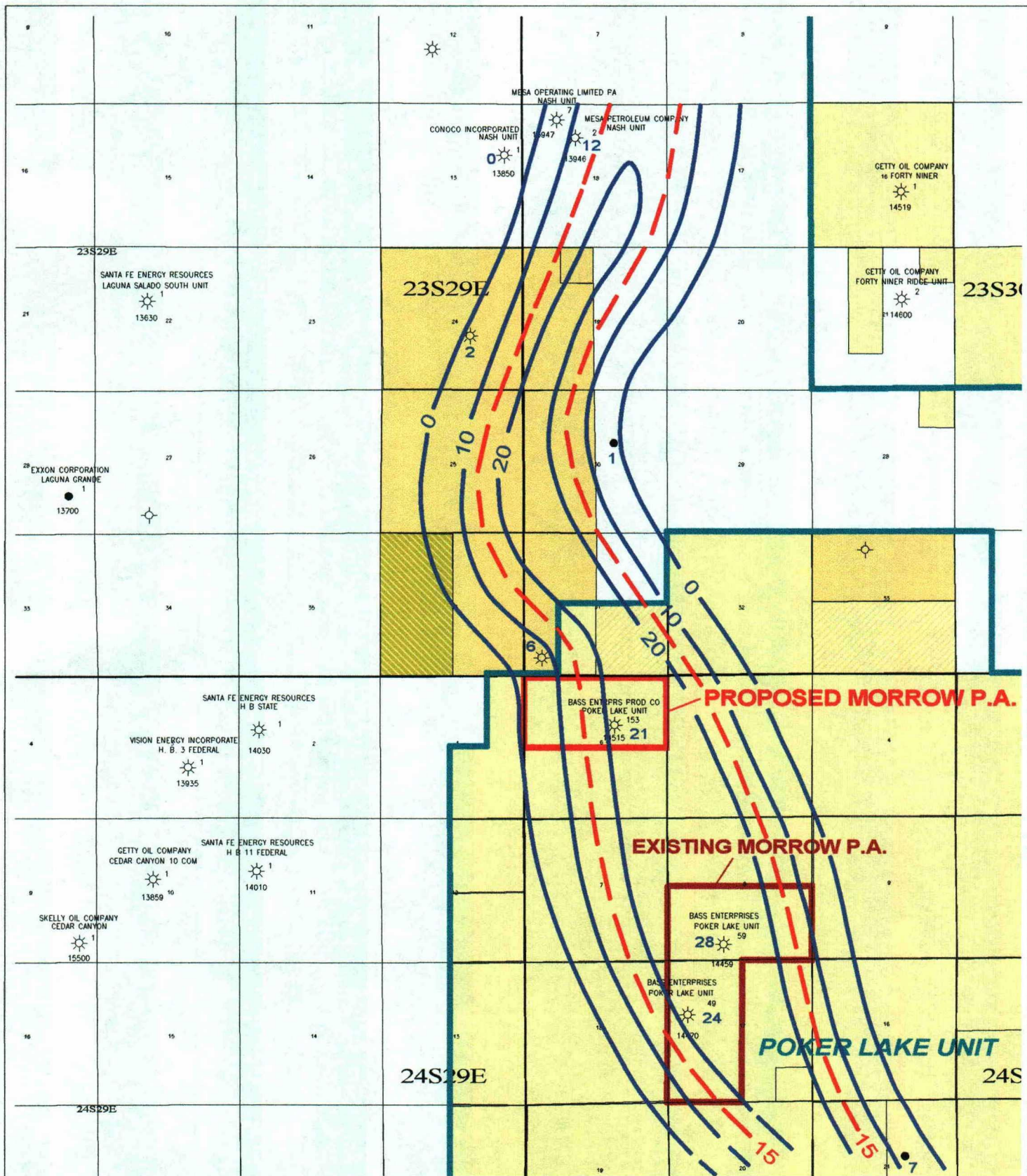
Bass Enterprises Production Co.		
REMUDA BASIN EDDY COUNTY, NEW MEXICO MORROW PRODUCTION THRU 6-2001		
Deborah L. Glover	1"-5000'	11/28/01
proj: 98-new mex	procs-poker lake	file: 153po.gpl

TYPE LOG

P.L.U. #153

Section 6, T-24-S-R-30-E



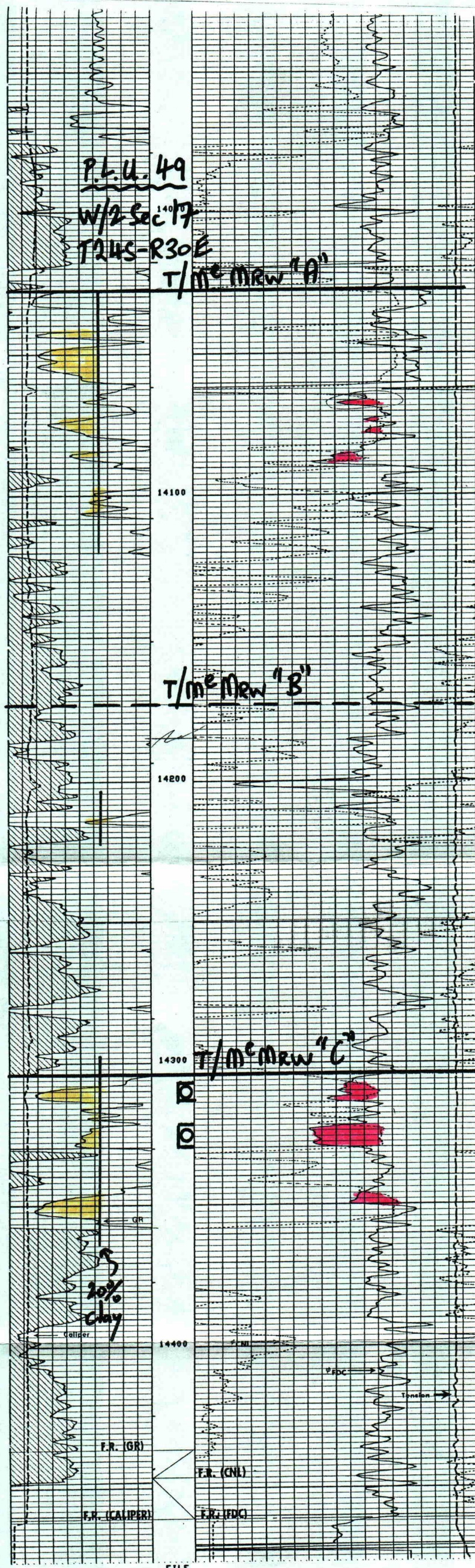


— 15' — CRITICAL CONTOUR

GEOLOGICAL ATTACHMENT # 4

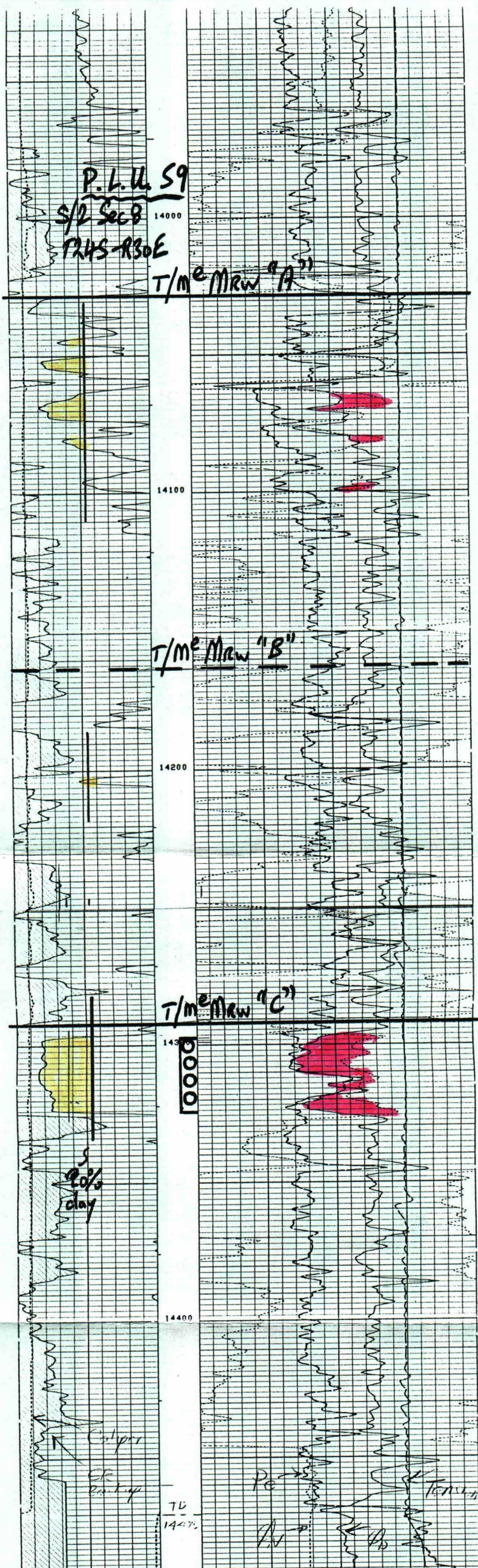
Bass Enterprises Production Co.		
REMUDA BASIN-EDDY CO. NEW MEXICO NET ISOPACH M. MORROW "C" SAND (H < 20% CLAY)		
Deborah L. Glover	1"=500'	11/28/01
proj: gtl-new mexic	prosp-poker lake	file: 153pocsd.gtl

GEOLOGICAL ATTACHMENT NO. 5



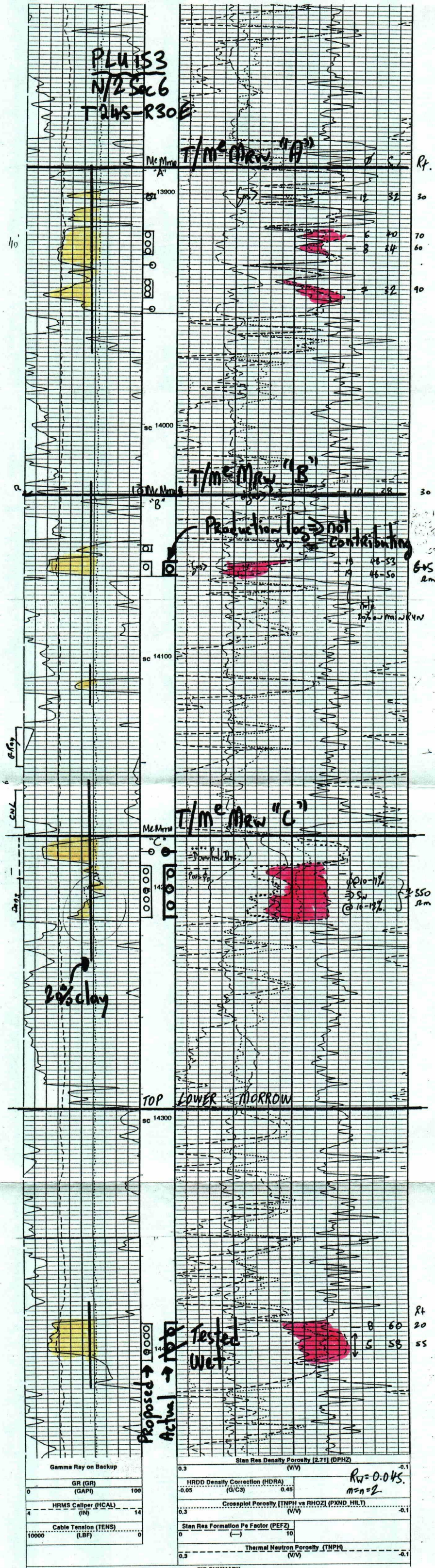
FILE
3

GR (GAPI)	100.0	200.0	TENS(LB)	13000.	3000.
CAL(CIN)	5.000	15.00	DPHC		-0.100
GR (GAPI)	0.0	100.0	MPHC		-0.100
				0.3000	
				0.3000	



FILE 3		REPEAT #2	
GR (GAPI)	100.00	200.00	
CALI(IN)	5.0000	15.0000	
GR (GAPI)	0.0	100.00	
			TENS(LB)
			11000.
			1000.0
	0.0	PEF (<)	10.000
	0.7000	NPHIC (>)	0.3000
	0.3000	DPHIC (>)	-0.100
	0.3000	NPHIC (>)	-0.100

PLU 153
N/2 Sec 6
T24S-R30E



T/m Morrow "A"

T/m Morrow "B"

T/m Morrow "C"

Production log not contributing

2% clay

Proposed →
Actual →

Gamma Ray on Backup	Stan Res Density Porosity (2.71) (DPHZ) (V/V)	0.3	-0.1
GR (GR) (GAPI) 100	HRDD Density Correction (HDRA) (G/C3) 0.45	0.05	$R_w = 0.045$ $m = n = 2$
HRMS Calliper (HCAL) (IN) 14	Crossplot Porosity (TNPH vs RHQZI) (PXND HILT) (V/V)	0.3	-0.1
Cable Tension (TENS) (LBF) 10000	Stan Res Formation P _e Factor (PEF2) (→) 10	0	
	Thermal Neutron Porosity (TNPH) (V/V)	0.3	-0.1

Rt

30

550
Rm

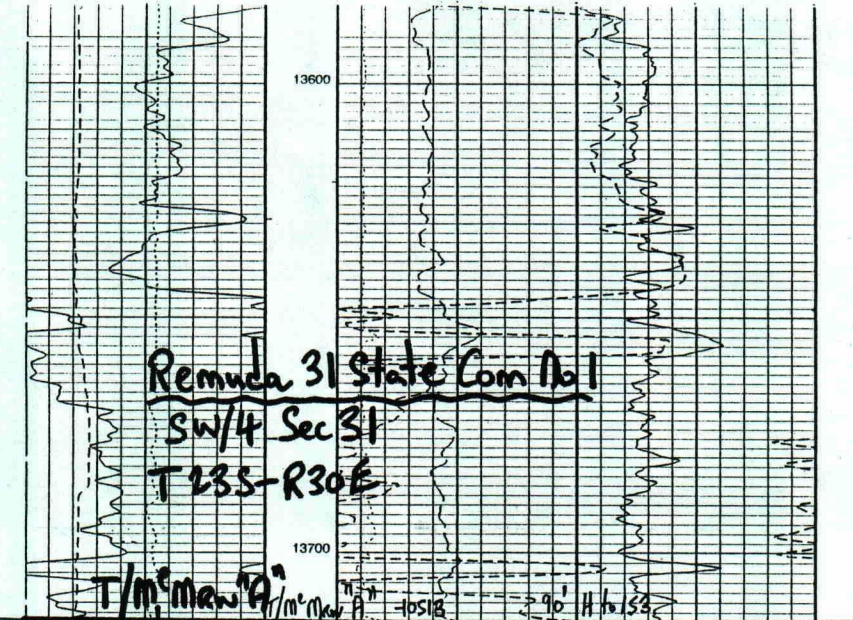
Rt

20

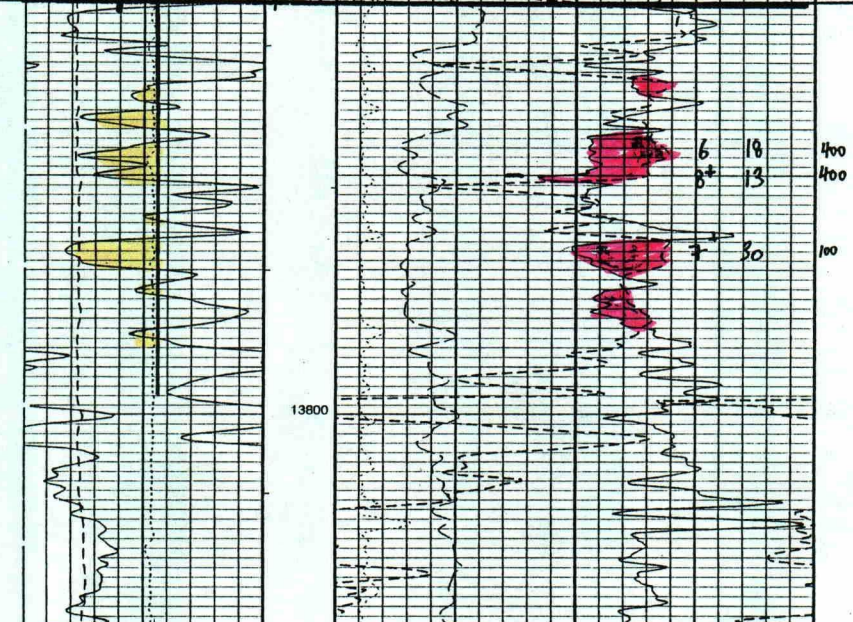
55

Remuda 31 State Com No 1
 SW/4 Sec 31
 T 235-R30E

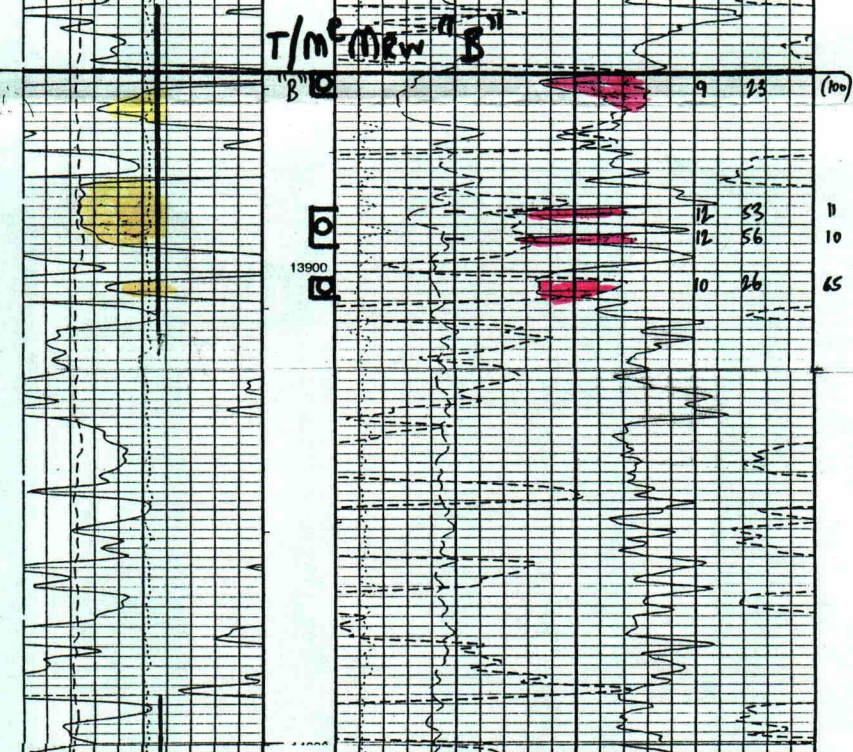
T/m² Mew "A"



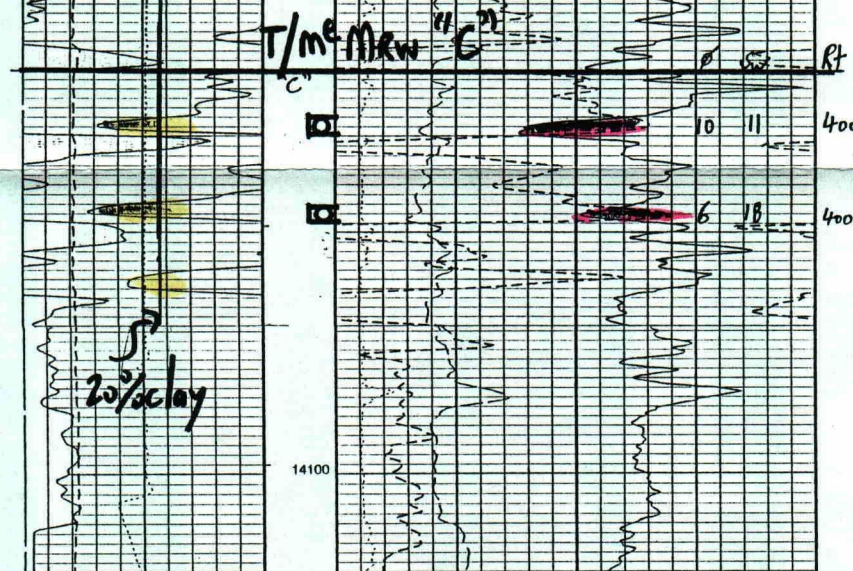
T/m² Mew "B"



T/m² Mew "C"



T/L² Morrow



Gamma Ray on Backup

Stan Res Density Porosity [2.71] (DPHZ) (V/V) -0.1

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 20, 2002

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Roy Johnson

Attention: Mr. Larry Bray

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: First Revision Initial Wolfcamp Participating Area
N/2 Section 4, T25S-R31E
S/2 Section 4, T25S-R31E
W/2 Section 3, T25S-R31E
Section 5, T25S-R31E
E/2 Section 32, T24S-R31E
S/2 Section 33, T24S-R31E
W/2 Section 34, T24S-T31E
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the First Revision to the Initial Participating Area for the Wolfcamp Formation in the Poker Lake Unit consisting of 2,534.42 acres containing the above tracts more specifically described on the attached Exhibits "A" and "B". In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed First Revision for the Initial Wolfcamp Participating Area.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Wolfcamp Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed initial participating area revision is predicated upon the knowledge and information first obtained upon the completion of Unit Well No. 147 (located in the NE/4 of Section 5, T25S-R31E) on November 6, 2000 along with geological data obtained from the Poker Lake Unit No. 67 Well (located in the SE/4 Section 3, T25S-R31E) which is currently producing from the Morrow Formation. It should be noted that the proposed revision set forth above contains Unit Well Nos. 50, 147 and 148, all of which have been previously determined as capable of producing in commercial quantities. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the First Revision to the Initial Wolfcamp Participating Area to be effective November 1, 2000. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,



J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2002

BUREAU OF LAND MANAGEMENT

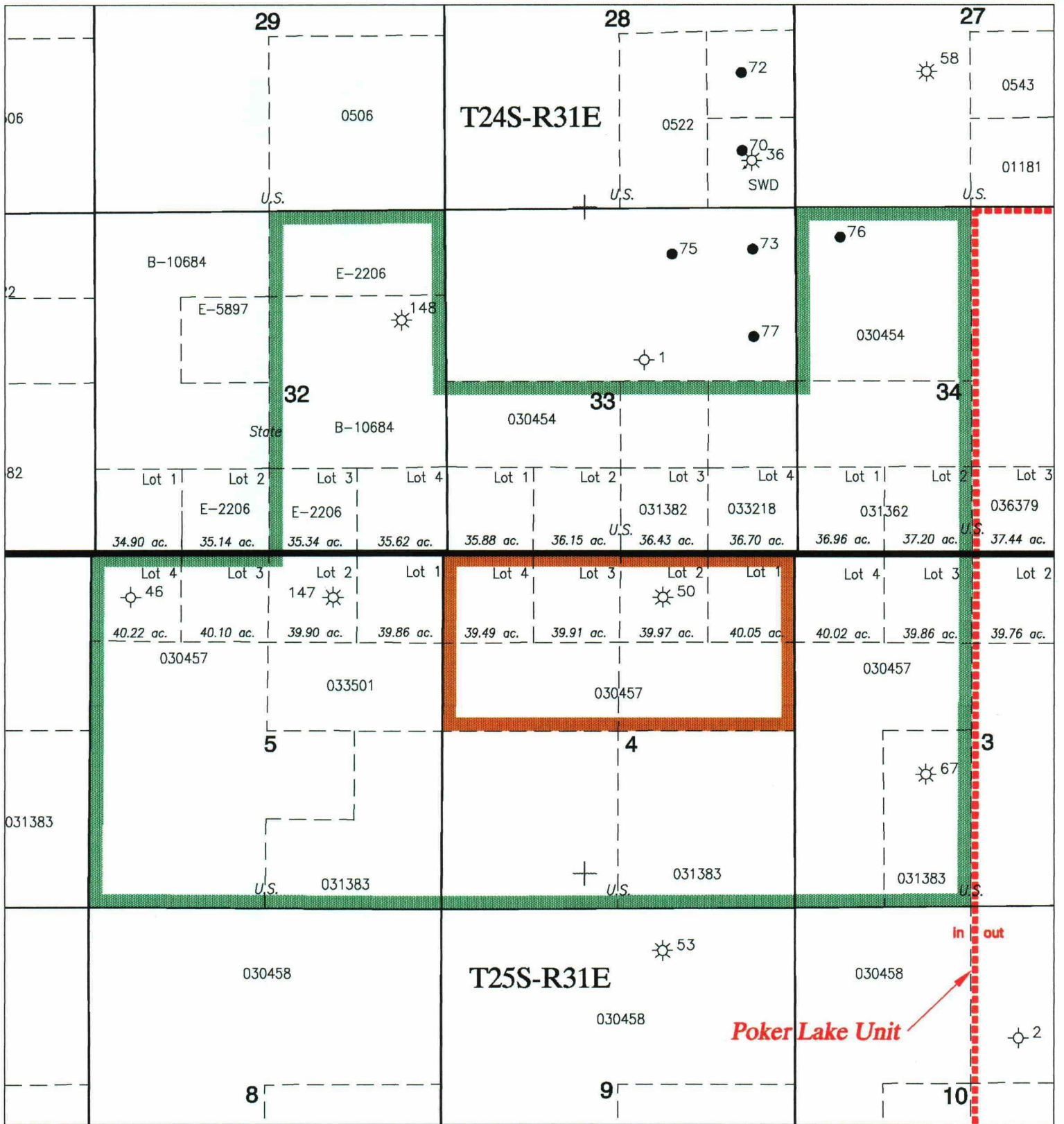
By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____



LEGEND



Initial Wolfcamp Participating Area



First Revision to Initial Wolfcamp Participating Area - eff. (11-1-00) 2534.42 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 2-20-02	INTER. BY: WB	SCALE: 1" = 2000'
DEPT: Land	DRAFTED BY: PO	DWG: wfcmp initial and 1rev.dwg

EXHIBIT "B"

**First Revision to Initial Wolfcamp Participating Area
Poker Lake Federal Unit
Eddy County, New Mexico**

<u>Tract No.</u>	<u>Lease No.</u>	<u>Description</u>	<u>Participating Acres</u>	<u>Percentage of Participation</u>	<u>Working Interest Owners</u>
22-A	NM-030457	Sec. 4: T25S-R31E Lots 1, 2, 3, 4, S/2 N/2, SW/4 (479.82) Sec. 5: T25S-R31E Lots 3,4, S/2 NW/4, SW/4, NW/4 SE/4 (360.32) Sec. 3: T25S-R31E Lots 3, 4, S/2 NW/4, W/2 SW/4 (239.90)	1,080.04	42.61%	Bass Enterprises Production Co. – 100%
22-B	NM-031383	Sec. 4: T25S-R31E, SE/4 (360.32) Sec. 5: T25S-R31E, E/2 SE/4, SW/4 SE/4 (120) Sec. 3: T25S-R31E, E/2 SW/4 (80)	360.00	14.20%	Devon Energy Co. – 100%
22-C	NM-033501	Sec. 5: T25S-R31E Lots 1, 2, S/2 NE/4	159.44	6.29%	Texaco Exploration Production, Inc -100%
58-A	E-2206-3	Sec. 32: T24S-R31E N/2 NE/4	80.00	3.16%	Bass Enterprises Production Co. – 100%
58-B	E-2206-3	Sec. 32: T24S-R31E SW/4 SE/4	40.00	1.58%	Bass Enterprises Production Co. – 100%
67	B-10684	Sec. 32: T24S-R31E S/2 NE/4, E/2 SE/4, NW/4 SE/4	195.62	7.72%	Bass Enterprises Production Co. – 100%
15	NM-033218	Sec. 33, T24S-R31E E/2 SE/4	76.70	3.03%	Devon – 100%
28-A	NM-030454	Sec. 33, T24S-R31E Lots 1, 2, N/2 SW/4 (152.03) Sec. 34, T24S-R31E NW/4 (160)	312.03	12.31%	Bass – 100%

<u>Tract No.</u>	<u>Lease No.</u>	<u>Description</u>	<u>Participating Acres</u>	<u>Percentage of Participation</u>	<u>Working Interest Owners</u>
28-B	NM-031382	Sec. 34, T24S-R31E Lots 1, 2, N/2 SW/4 (154.16) Sec. 33, T24S-R31E Lot 3, NW/4 SE/4 (76.43)	230.59	9.10%	Devon Energy Corp. – 100%
Totals			2,534.42	100%	

Total Federal Land: 2,218.80 Acres (87.54%)
Total State Lands: 315.62 Acres (12.46%)
Total Fee Lands: 0.00 Acres

Total 2,534.42 Acres

Exhibit "B"

Page 2 of 2

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

February 20, 2002

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Mr. Larry Bray

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Roy Johnson

Re: First Revision Initial Wolfcamp Participating Area
N/2 Section 4, T25S-R31E
S/2 Section 4, T25S-R31E
W/2 Section 3, T25S-R31E
Section 5, T25S-R31E
E/2 Section 32, T24S-R31E
S/2 Section 33, T24S-R31E
W/2 Section 34, T24S-T31E
Poker Lake Unit
Eddy County, New Mexico

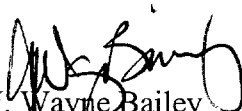
Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the First Revision to the Initial Participating Area for the Wolfcamp Formation in the Poker Lake Unit consisting of 2,534.42 acres containing the above tracts more specifically described on the attached Exhibits "A" and "B". In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed First Revision for the Initial Wolfcamp Participating Area.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Wolfcamp Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed initial participating area revision is predicated upon the knowledge and information first obtained upon the completion of Unit Well No. 147 (located in the NE/4 of Section 5, T25S-R31E) on November 6, 2000 along with geological data obtained from the Poker Lake Unit No. 67 Well (located in the SE/4 Section 3, T25S-R31E) which is currently producing from the Morrow Formation. It should be noted that the proposed revision set forth above contains Unit Well Nos. 50, 147 and 148, all of which have been previously determined as capable of producing in commercial quantities. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the First Revision to the Initial Wolfcamp Participating Area to be effective November 1, 2000. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,



J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2002

BUREAU OF LAND MANAGEMENT

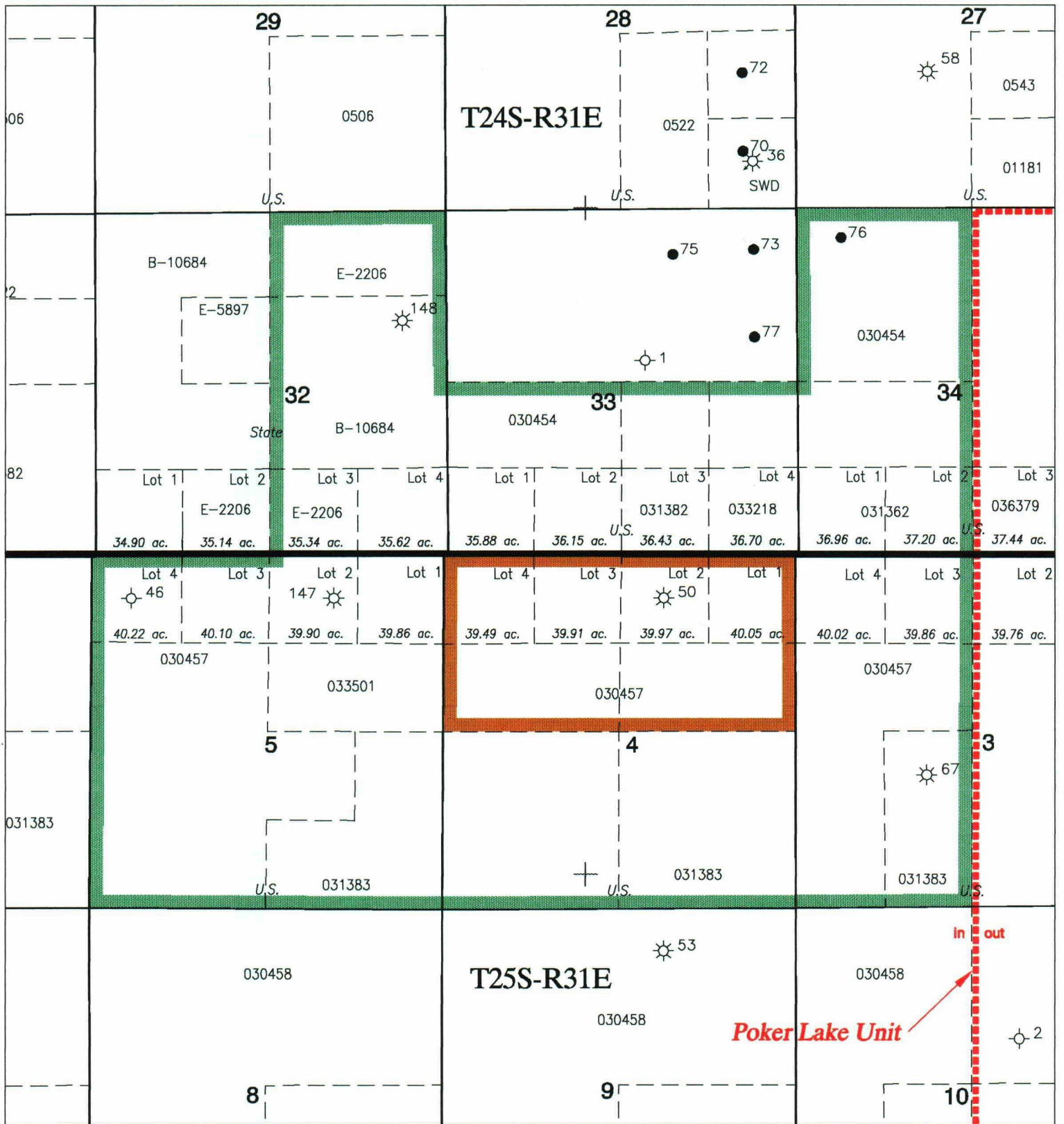
By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____



LEGEND



Initial Wolfcamp Participating Area



First Revision to Initial Wolfcamp Participating Area - eff. (11-1-00) 2534.42 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE: 2-20-02	INTER. BY: WB	SCALE: 1" = 2000'
DEPT: Land	DRAFTED BY: PO	DWG: wfcmp initial and 1rev.dwg

EXHIBIT "B"

**First Revision to Initial Wolfcamp Participating Area
Poker Lake Federal Unit
Eddy County, New Mexico**

<u>Tract No.</u>	<u>Lease No.</u>	<u>Description</u>	<u>Participating Acres</u>	<u>Percentage of Participation</u>	<u>Working Interest Owners</u>
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222-B	NM-031383	Sec. 4: T25S-R31E, SE/4 (360.32) Sec. 5: T25S-R31E, E/2 SE/4, SW/4 SE/4 (120) Sec. 3: T25S-R31E, E/2 SW/4 (80)	360.00	14.20%	Devon Energy Co. – 100%
222-C	NM-033501	Sec. 5: T25S-R31E Lots 1, 2, S/2 NE/4	159.44	6.29%	Texaco Exploration Production, Inc - 100%
558-A	E-2206-3	Sec. 32: T24S-R31E N/2 NE/4	80.00	3.16%	Bass Enterprises Production Co. – 100%
558-B	E-2206-3	Sec. 32: T24S-R31E SW/4 SE/4	40.00	1.58%	Bass Enterprises Production Co. – 100%
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Total Federal Land: 2,218.80 Acres (87.54%)
Total State Lands: 315.62 Acres (12.46%)
Total Fee Lands: 0.00 Acres

Total 2,534.42 Acres

Exhibit "B"

Page 2 of 2

POKER LAKE UNIT—WOLFCAMP
EDDY COUNTY, NEW MEXICO
PROPOSED REVISION TO EXISTING PARTICIPATING AREA

EXISTING P.A. N/2 Section 4, T25S-R31E—Poker Lake Unit No. 50—effective date June 1, 1981

PROPOSED REVISION – effective date 11/1/2000

- W/2 Section 3, T25S-R31E
- S/2 Section 4, T25S-R31E
- Section 5, T25S-R31E
- E/2 Section 32, T24S-R31E
- S/2 Section 33, T24S-R31E
- W/2 Section 34, T24S-R31E

GEOLOGICAL ATTACHMENTS

- Structure Map: Top of Wolfcamp Detrital
- Gross Isopach—Wolfcamp Detrital
- Net Isopach—Wolfcamp Detrital
- Net Porosity Map ($\geq 5\%$)
- Net Porosity Map ($\geq 7\%$)
- Net Porosity Map ($\geq 10\%$)
- Electric logs and mudlogs (where available)

GEOLOGICAL DISCUSSION

Regional subsurface mapping identifies a Middle Wolfcamp carbonate platform immediately north and west of Poker Lake Unit which during low-stand conditions sourced numerous detrital flows. The proposed participating area is located within a significant depocenter for these detrital flows, being five to six square miles in areal extent. Subsurface mapping and 3-D seismic define this depocenter. Being chert-rich, the reservoir became very silicified early on and the resultant porosity constitutes the primary storage capacity for the hydrocarbons, currently being produced via the P.L.U. 50, 53, 147, and 148 wellbores. Totally encompassed by thick Wolfcamp shales, the less competent detrital also appears to have some natural fractures which, if encountered by the wellbore, enhances communication with the reservoir. Core taken on P.L.U. No. 53 (N/2 Section 9, T25S-R31E) encountered some of this fracturing. F.M.I. logs ran on P.L.U. Nos. 147 and 148 confirm the detrital nature of the reservoir, both exhibiting a north to south flow, and in the case of P.L.U. No. 147 exhibiting several significant flows, including boulders up to six inches in length.

WELL DISCUSSION –Chronological

1. P.L.U. No. 36 (Section 28, T24S-R31E)—drilled in 1967 by Pan American, the P.L.U. No. 36 encountered the northern edge of the depocenter for the Wolfcamp detrital flows. Although probably extremely disappointed with the deeper results (Devonian completion @ 11.0 MMCFPD, which watered-out in one week, and only 0.25 BCF from a very good, but damaged, Middle Morrow “A”), Pan American was encouraged enough to perforate the detrital. However, with only a 7000 gallon acid treatment, and a net pay of two feet, a completion was not accomplished.
2. Cotton Draw Unit No. 67 (Section 35, T24S-R31E)—drilled in 1969, C.D.U. 67 is located on the far eastern edge of the detrital depocenter, and although limited detrital was encountered, no reservoir rock was encountered.
3. P.L.U. No. 50 (Section 4, T25S-R31E)—drilled in late 1980, and perforated primarily based upon electric logs, P.L.U. No. 50 is responsible for the Initial Wolfcamp P.A. Unlike many S.E. New Mexico reservoirs, the mudlog was not very encouraging. In fact, the perforated interval in the well was basically logged as a shale! In hindsight this is somewhat understandable because the reservoir is a black siliceous limestone. P.L.U. No. 50 has now produced over 9 BCF and is still active at around 1 MMCFPD. Engineering analysis supports a drainage area of over 600 acres.
4. P.L.U. No. 53 (Section 9, T25S-R31E)—drilled in 1982, P.L.U. 53 was whole-cored in the detrital, supporting the reservoir encountered in the P.L.U. No. 50 and also exhibiting natural fracturing. Located on the southern edge of the detrital depocenter, deeper reserves were initially produced prior to perforating the Wolfcamp detrital in September 1998. Utilizing a 5000 gallon acid treatment, the well initially flowed @ 2.339 MMCFPD, and attained a maximum rate of 2.968 MMCFPD during the four-point test (FTP @ 5300 psia on a 9/64” choke). Initial production on 12/29/98 was at a rate of 1.215 MMCFPD, but the flow rate decreased rapidly, and through 1/1/02 the well has produced only 140 MMCF. Based upon the fact that a drill stem test in 1982 exhibited probable damage (ISIP @ 1879 psia, FSIP @ 3392 psia), and the fact that the interval was only treated with 5,000 gallons of acid sixteen years later, P.L.U. No. 53 may possibly be benefited by a fracture stimulation. However, it should be pointed out that the primary hydrocarbon reservoir to be exploited is located immediately to the north in the S/2 Section 4, T25S, R31E.
5. P.L.U. No. 67 (Section 3, T25S, R31E)—drilled in 1985, P.L.U. 67 is located on the eastern side of the Wolfcamp detrital reservoir. Log evaluation supports 38' of net pay. Currently the well is still actively producing from the Morrow (14894-98'). Upon depletion of the Morrow, a potential Lower Atoka reservoir interval will be exploited prior to a completion in the Wolfcamp.
6. Cotton Draw Unit No. 81 (Section 2, T25S-R31E)—drilled in 1997, the C.D.U. No. 81 is located a little over one-half mile from commercial reservoir conditions

within the Wolfcamp detrital. Drilling shows may have been encouraging enough for Texaco, the operator, because a completion attempt was made. However, no commercial flow was achieved.

7. Cotton Draw Unit No. 89 (Section 3, T25S-R31E)—drilled by Texaco in 2000, CDU 89 is located on the eastern side of the Wolfcamp detrital and “tantalizingly” close to a commercial reservoir position. Electric logs and drilling shows are supportive, but the well is unfortunately just beyond the critical reservoir conditions for commerciality. Texaco, between January and June, 2001, fracture stimulated the well three times but was unsuccessful.
8. P.L.U. No.147 (Section 5, T25S-R31E)—drilled in 2000, P.L.U. No. 147 was drilled as a Wolfcamp test to investigate the western side of the detrital depocenter. The well was completed, through perforations at 12910-13039', on November 6, 2000 for an initial potential of 2.64 MMCFPD, and is a commercial well.
9. P.L.U. No. 148 (Section 32, T25S-R31E)—drilled in 2001, P.L.U. No. 148 was drilled as a Wolfcamp test to develop the northwestern sector of the Wolfcamp detrital depocenter. The well was completed, through perforations at 12904-12996', on August 9, 2001 for an initial potential of 4.558 MMCFPD, and is a commercial well.

CRITICAL VALUES FOR COMMERCIALITY

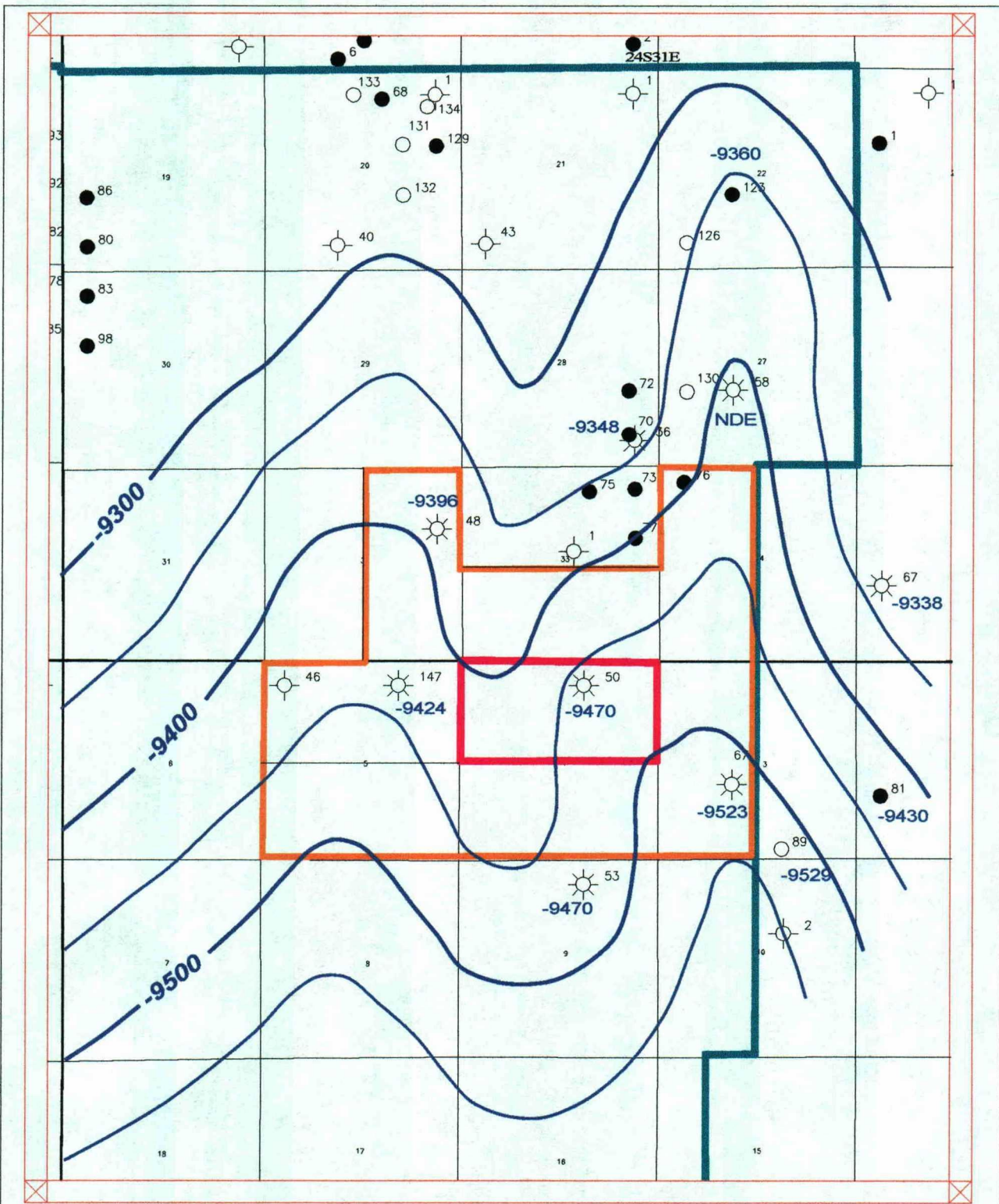
Maps are presented for net pay \geq 5%, 7%, and 10% porosity, but for a commercial well the data supports a need for 15' \geq 10% porosity. In addition, this appears to correspond with a gross detrital thickness of 125-130', and a net thickness (gamma ray \leq 60 API) of around 90'.

PROPOSED P.A. REVISION DATE

Although the drainage area for Poker Lake Unit No. 50 exceeds its proration unit, and data from Poker Lake Unit Nos. 53 and 67 support an earlier revision, it is proposed that November 1, 2000 (based upon the Poker Lake Unit No. 147) is the date for the first revision to the initial Wolfcamp participating area, and that this revision encompasses the area proposed in this application. It should be noted that based upon our geological-geophysical studies, the drilling permits for Poker Lake Unit Nos. 147 and 148 were applied for simultaneously. It should also be noted that Section 29, T24S-R31E, and the N/2 Section 33, T24S-R31E are not currently being proposed within this revision but, with additional drilling, may constitute a future second revision.

Please feel free to contact me with any questions, or for any additional geological data needed.

George A. Hillis
Division Geologist
817 390-8661



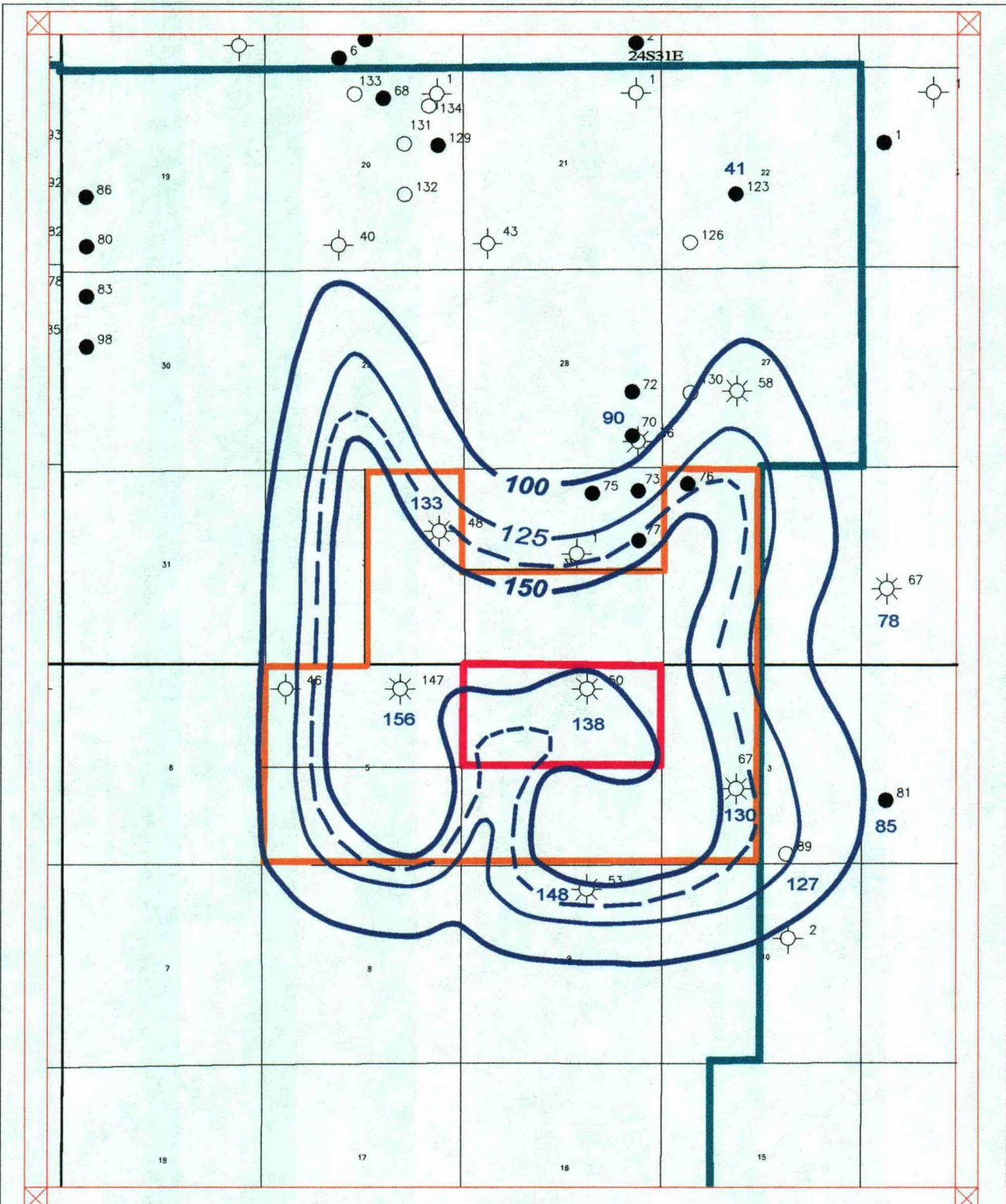
LEGEND

- POKER LAKE UNIT BOUNDARY
- INITIAL WOLFCAMP PA
- PROPOSED FIRST REVISION

Bass Enterprises Production Co.

TOP/WOLFCAMP
 DETRITAL RESERVOIR
 EDDY COUNTY, NEW MEXICO

Deborah L. Glover	1"=4000'	2/19/02
proj: sjh/new mex	pros: wolfcamp pa	file: wolftop.gpf



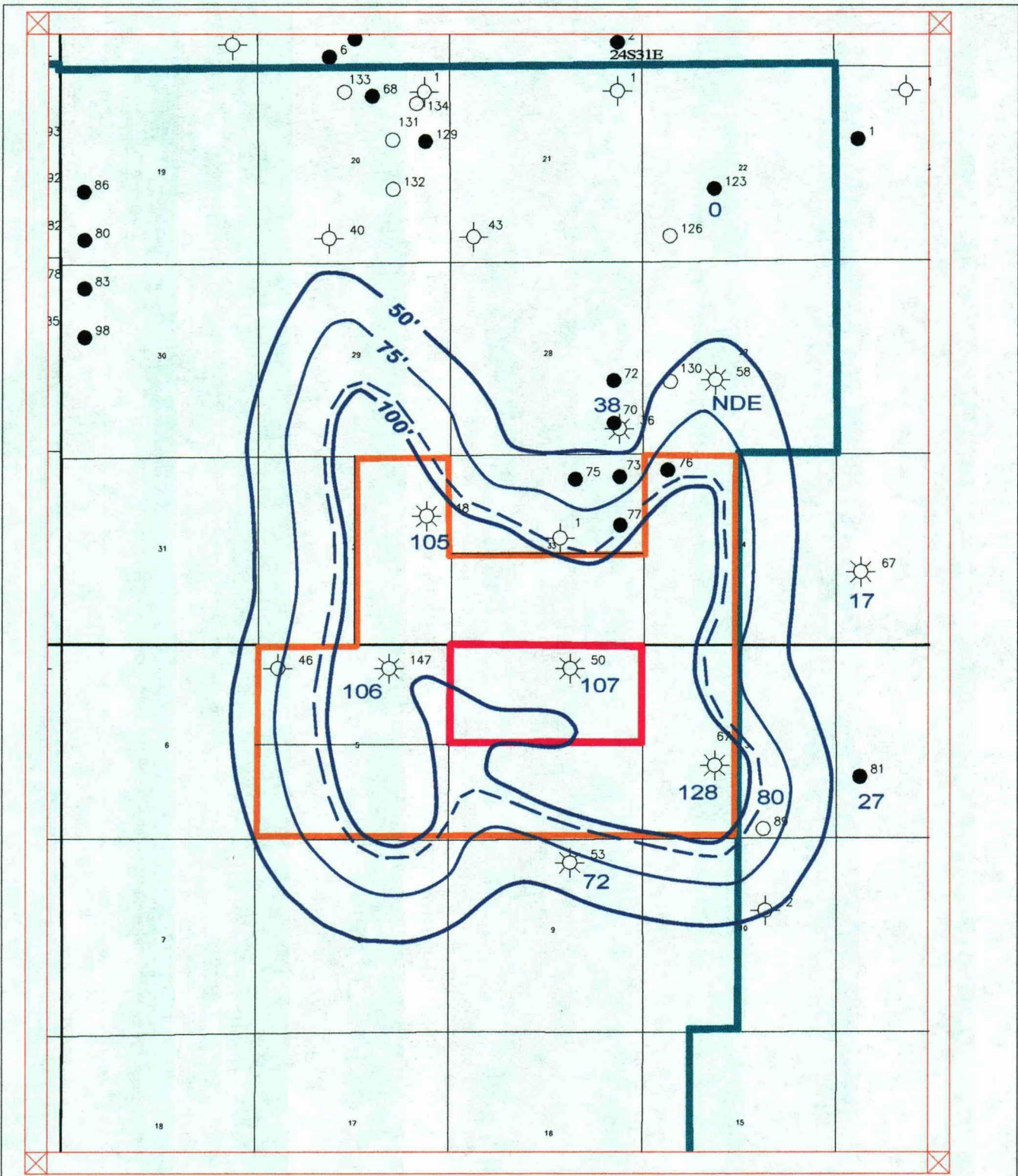
LEGEND

- POKER LAKE UNIT BOUNDARY
- INITIAL WOLFCAMP PA
- PROPOSED FIRST REVISION
- CRITICAL CONTOUR

Bass Enterprises Production Co.

GROSS H/WOLFCAMP
 DETRITAL RESERVOIR
 EDDY COUNTY, NEW MEXICO

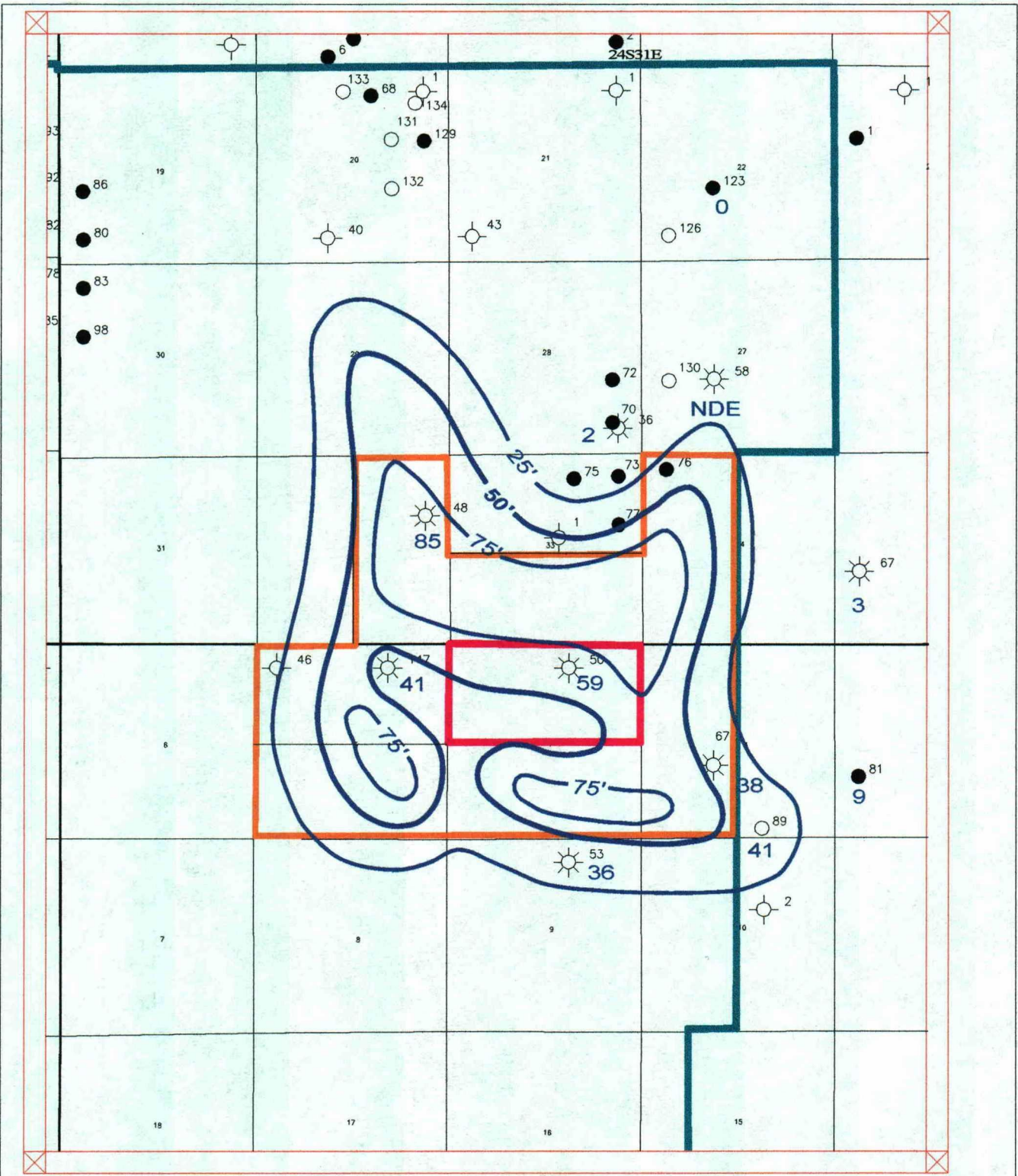
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proj: sjh/new mex	pros: wolfcamp pa	file: wolfgroh.gpf



LEGEND

- POKER LAKE UNIT BOUNDARY
- INITIAL WOLFCAMP PA
- PROPOSED FIRST REVISION
- CRITICAL CONTOUR

Bass Enterprises Production Co.		
NET THICKNESS WOLFCAMP DETRITAL RESERVOIR EDDY COUNTY, NEW MEXICO		
Deborah L. Glover	1"=4000'	2/19/02
proj: sjh/new mex	pros: wolfcamp pa	file: wolfinetA.gpf



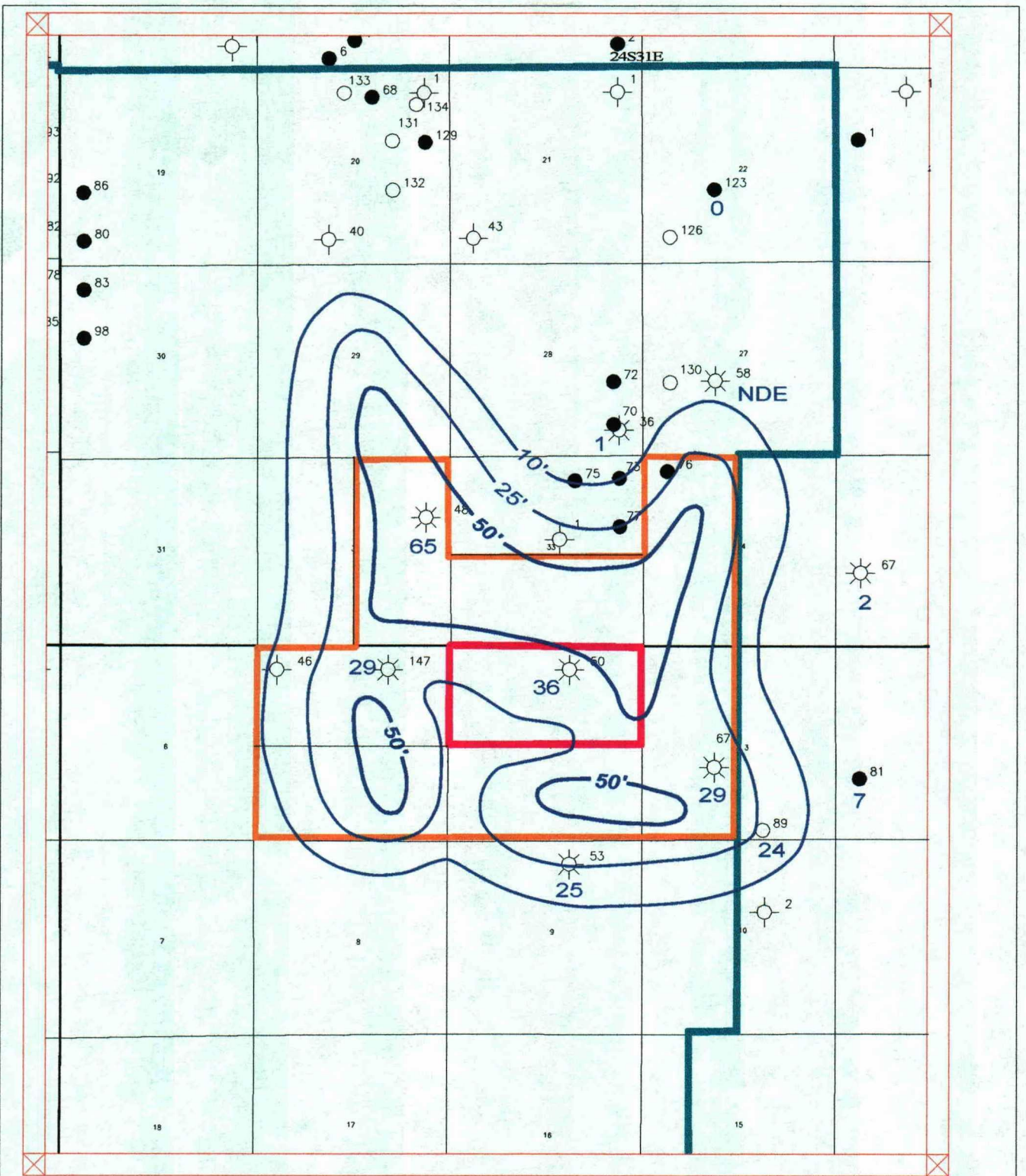
LEGEND

- POKER LAKE UNIT BOUNDARY
- INITIAL WOLFCAMP PA
- PROPOSED FIRST REVISION

Bass Enterprises Production Co.

POROSITY > 5 %
 WOLFCAMP DETRITAL RESERVOIR
 EDDY COUNTY, NEW MEXICO

Deborah L. Glover	1"=4000'	2/19/02
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LEGEND

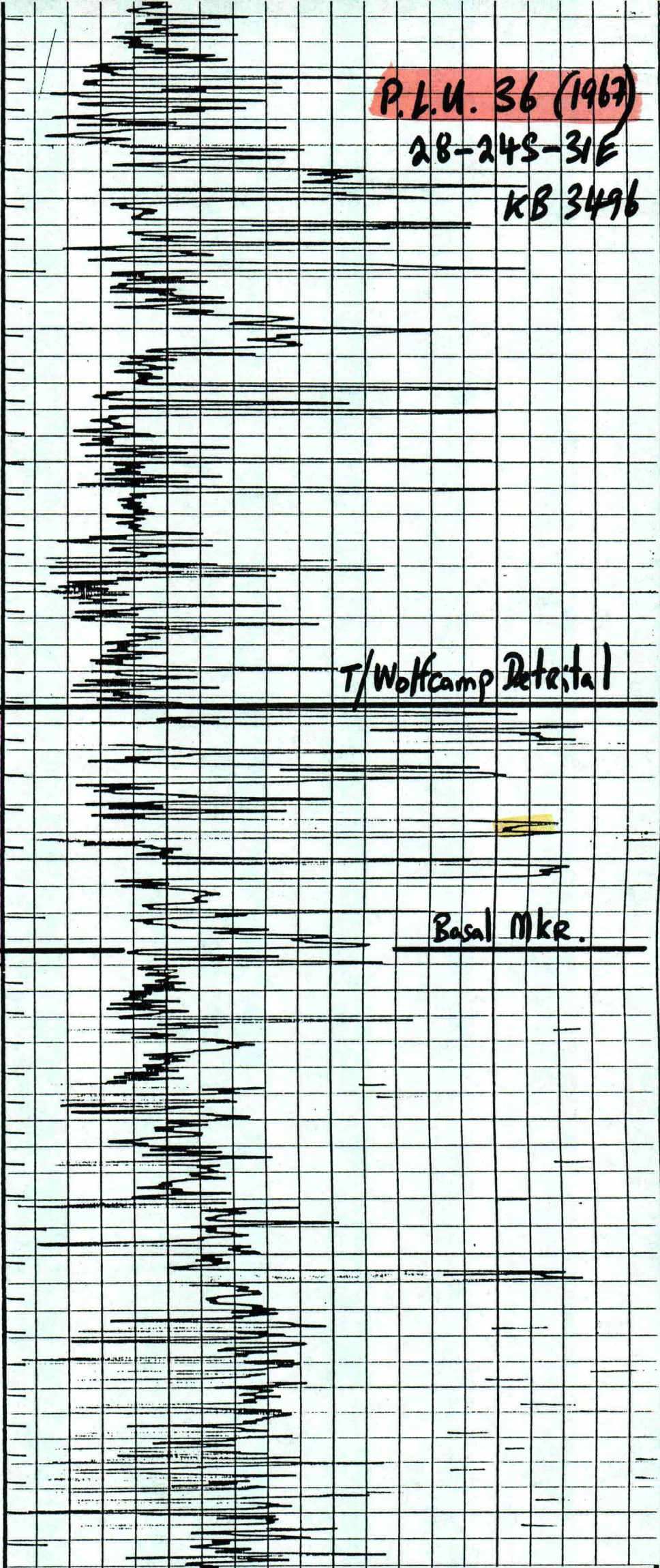
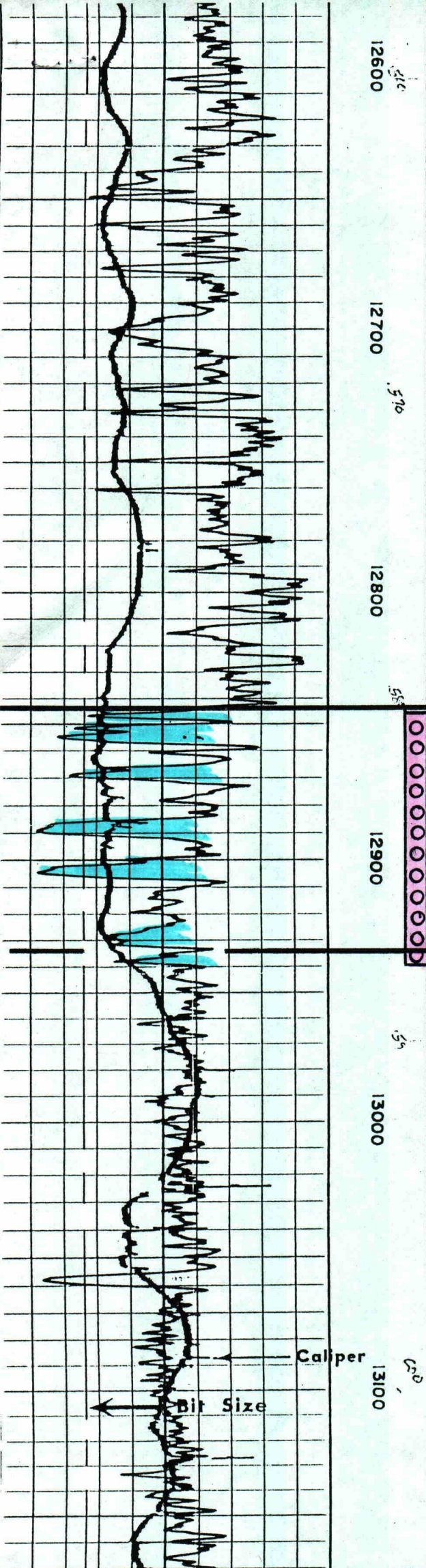
- POKER LAKE UNIT BOUNDARY
- INITIAL WOLFCAMP PA
- PROPOSED FIRST REVISION

Bass Enterprises Production Co.

POROSITY > 7 %
 WOLFCAMP DETRITAL RESERVOIR
 EDDY COUNTY, NEW MEXICO

Deborah L. Glover	1"=4000'	2/19/02
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P.L.U. 36 (1967)
 28-24S-31E
 KB 3496



GAMMA RAY API UNITS		DEPTHS	INTERVAL TRANSIT TIME MICROSECONDS PER FOOT	
0	125	100	$T_3 R_1 1 R_2$ 70	40
125	250	160	130	100

P.L.U. 36 (1967)

28-24S-31E.

12800

-9348

T/Wolfcamp Detesta

12900

1968

A/7000g

Sub 25 BLW

Sub 12 BLW

w/sli showg

Hon P/A

1968

A/7000g

Sub 25 BLW (8 hrs)

Sub 12 BLW (3 hrs) w/sli show gas

PdA
2/68

T₃ R₁ 1 R₂

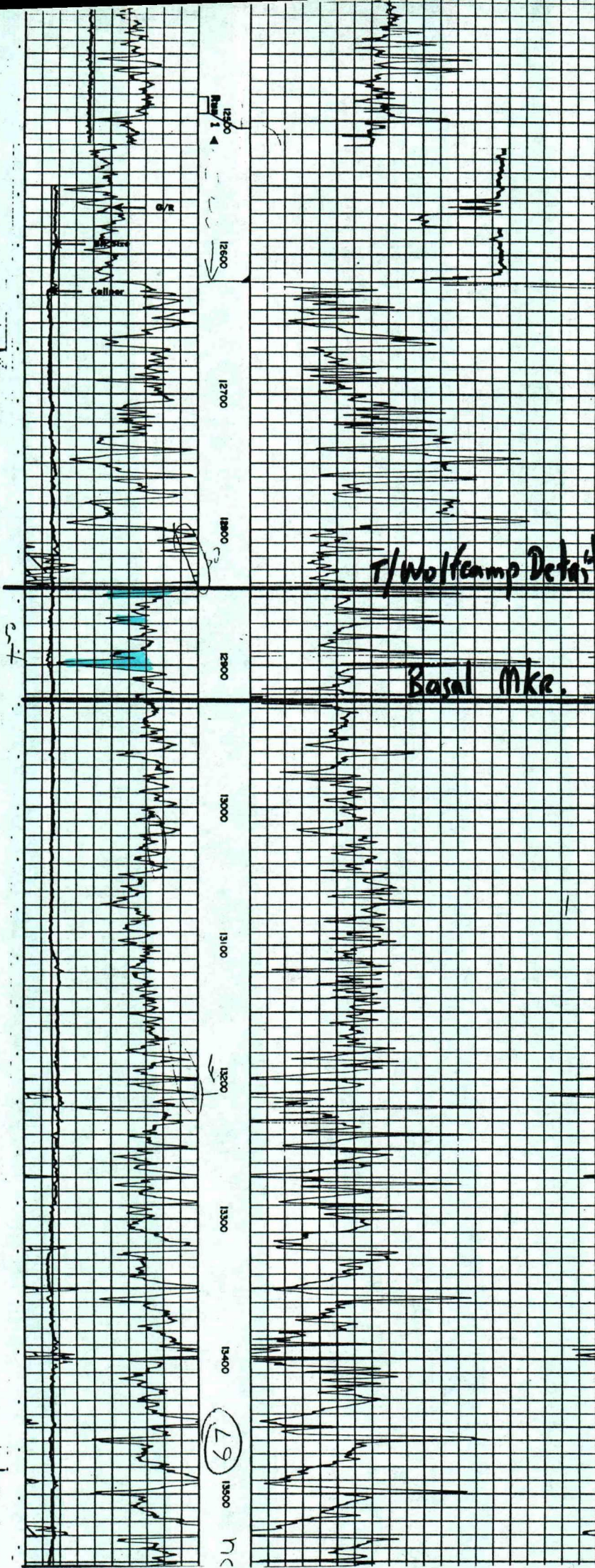
0	125
125	250

100	70	40
160	130	100

GAMMA RAY
API UNITS

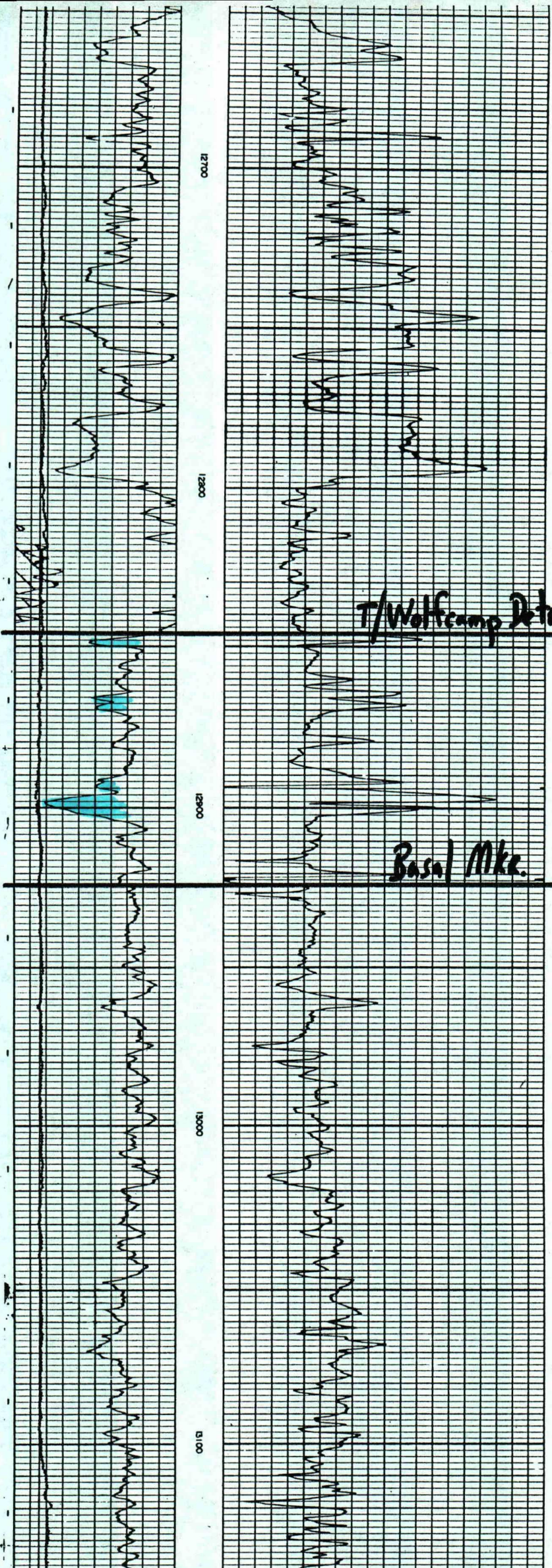
DEPTHS

INTERVAL TRANSIT TIME
MICROSECONDS PER FOOT



C.D.U. 67
35-24S-31E
KB 3508
Logged 7/2/69

0 API 100 API 6 8 10 12 14 HOLE SIZE - INCHES - + 10 API/CD Millivolts		100 85 70 55 40 Micro Seconds Per Foot SPECIFIC ACOUSTIC TIME	
S.P. or G/R & Caliper	DEPTH	ACOUSTILOG T ₁ , S ₁ , R ₁ , 2', R ₂ , T ₂	
Company TEXACO, INC.	Well COTTON DRAW UNIT NO. 67	Drillers T.D. 15060'	Log F.R. 15055'
Field UNDESIGNATED (MORROW)	County EDDY	Log T.D. 15061'	Elevations:
State NEW MEXICO		K.B. 3508'	D.F. 3506' G.L. 3483'



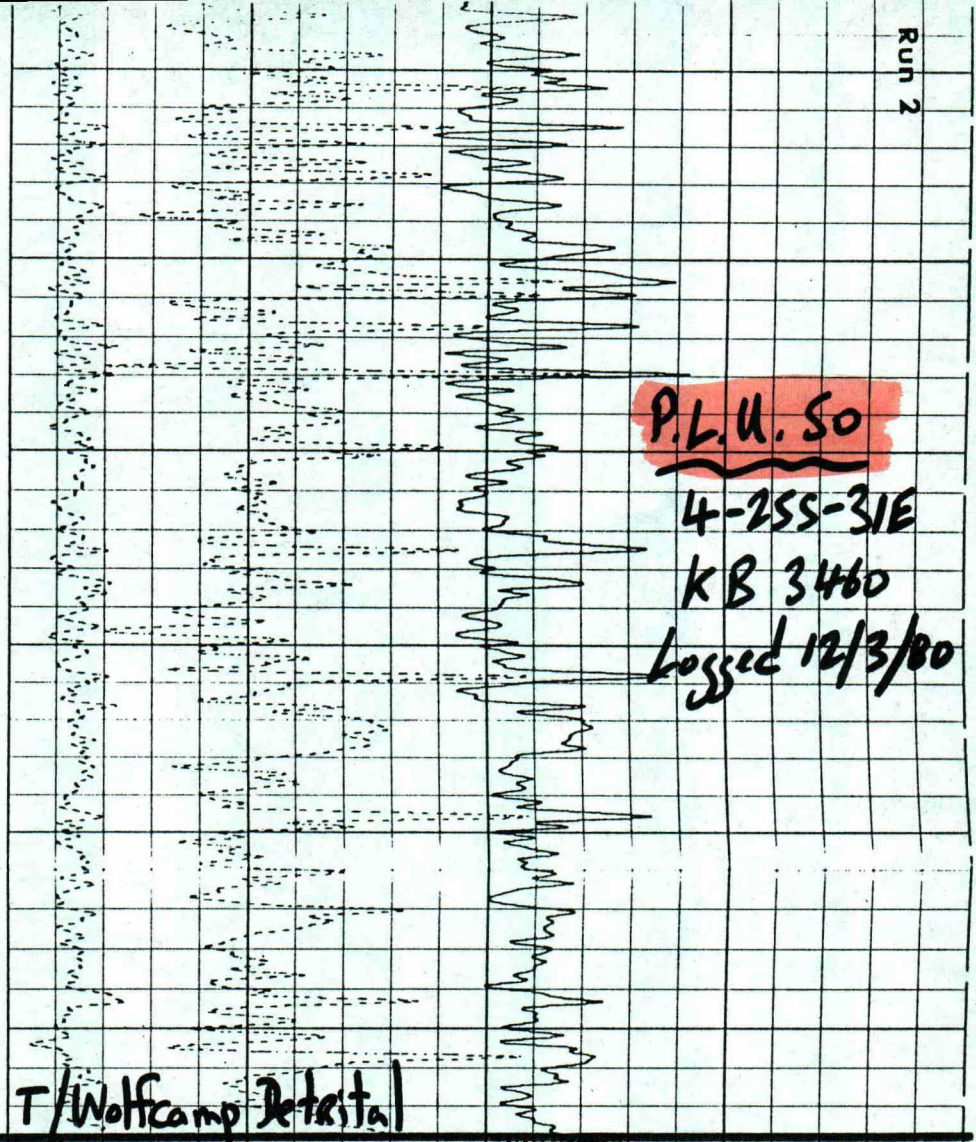
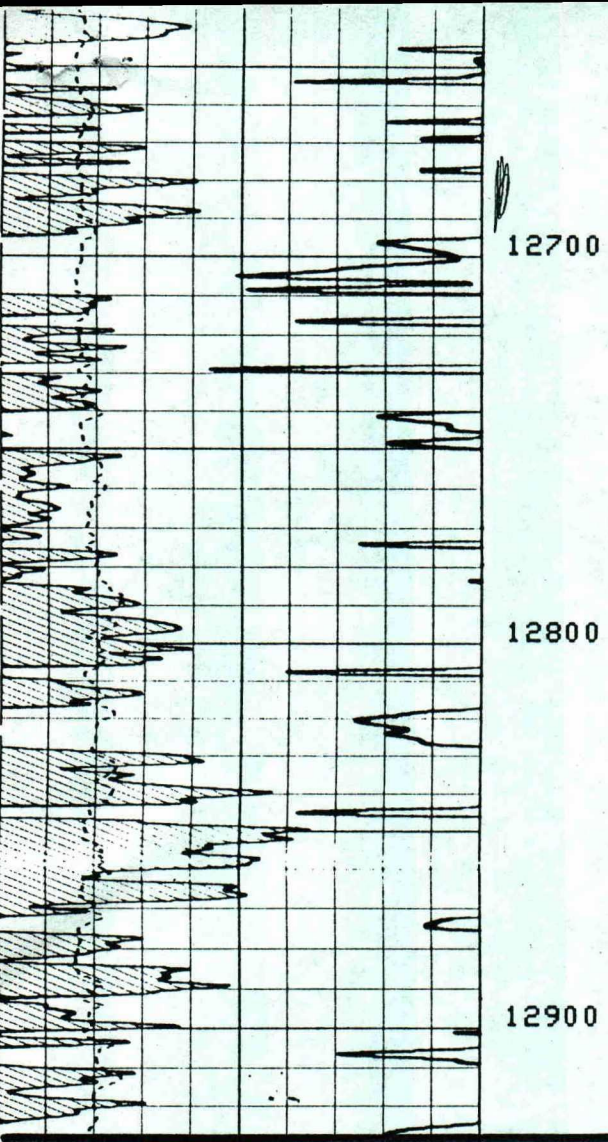
C.D. u. 67
35-245-31E

T/Wolfcamp Detail

Notests

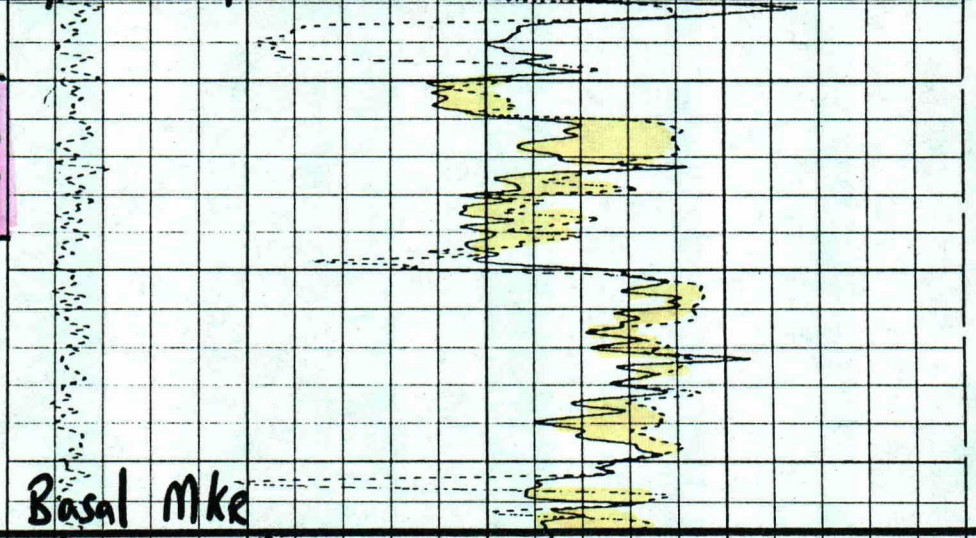
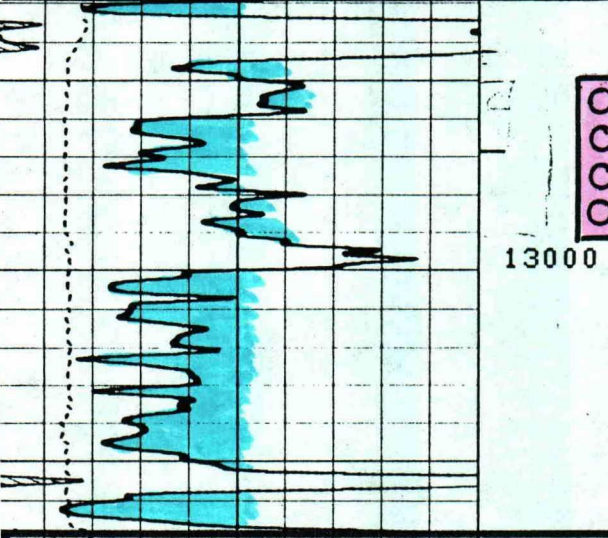
Basal Mke.

S.P. or G/R & Caliper	DEPTH	ACOUSTILOG T ₁ S ₁ R ₁ Z ₁ R ₂ T ₂
Millivolts 10 API/CD - + HOLE SIZE - INCHES 7 9 11 13 15 0 API 100 API	2"-100 LR SURF	REPRODUCTION FOR RESALE PROHIBITED SPECIFIC ACOUSTIC TIME Micro Seconds Per Foot 100 85 70 55 40



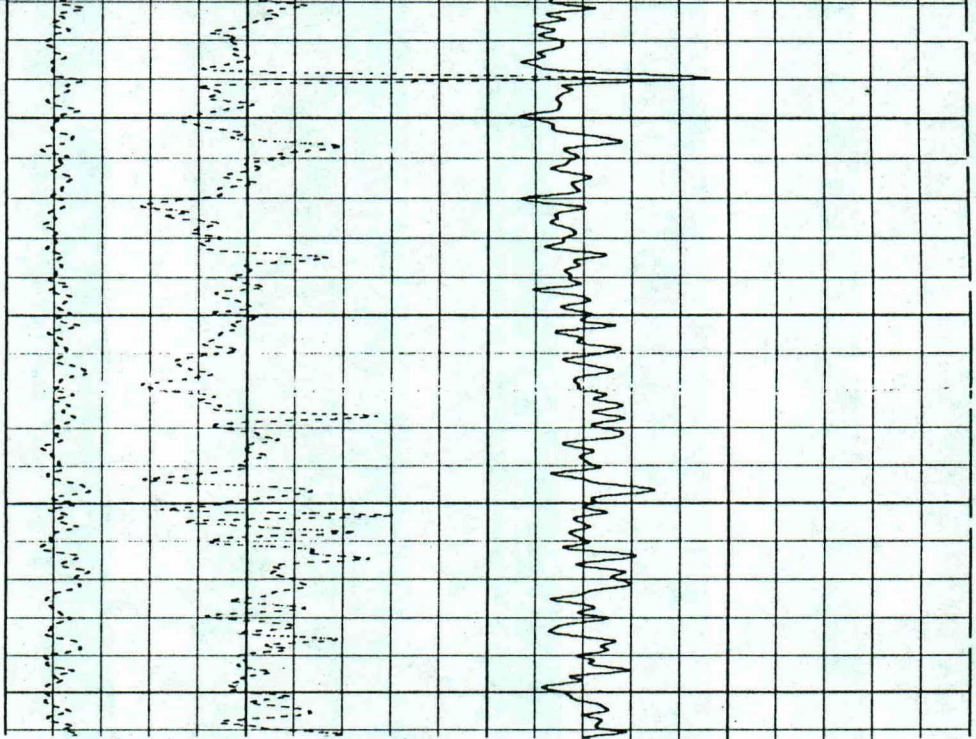
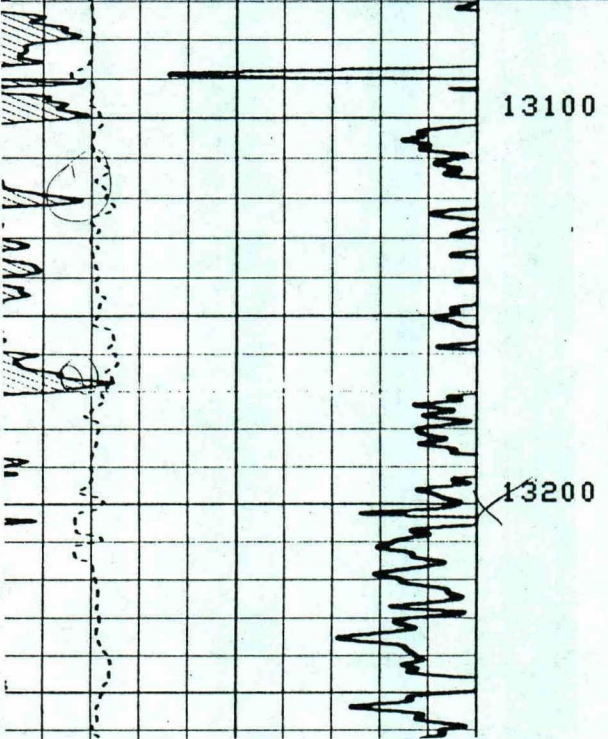
P.L.U. 50
 4-255-31E
 KB 3460
 Logged 12/3/80

T/Wolfcamp Detrital



OOOO

Basal Mke



GR (GAPI)	DRHD(G/C3)
100.0 200.0	-0.050 0.4500
CALI(IN)	NPHI()
5.000 15.00	-0.100
GR (GAPI)	RHOB(G/C3)
100.0 200.0	2.000 3.000

Run 2

12900

P.L.U. 50
4-255-R31E.

T/Wolfcamp Detail



13000

Completed 5/81
IP 6,006 mcfpd
Cum to 12/01
= 9 BCF + 99.5 m30

Basal Mkr.

13100

GR (GAPI)

100.0 200.0

CALI(IN)

6.000 16.00

GR (GAPI)

0.0 100.0

TENS(LB)

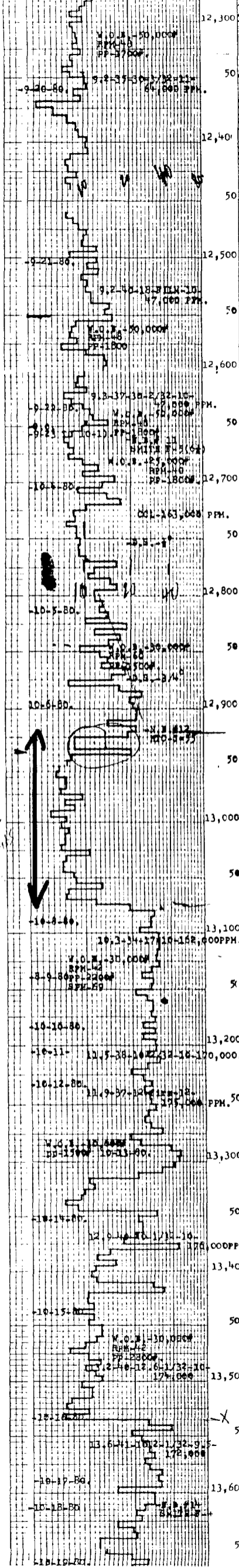
12500. 2500.

NPHI()

0.3000 -0.100

DPHI()

0.3000 -0.100



DOLO: LT TN-LT GRAY, FINELY SUCROSLIC, DNS. SH: GRAY-SOFT.

SH: BLK DK GRAY, PYRITIC, CARB.

TR: GRAY-TN LS.

LS: WH-LT GRAY, SILTY, SHLY. TR: CLR ROUNDED QTZ GRAINS. SH: GRAY-GREEN, BR-DK BR. (MUD GOING THRU SEPARATOR)

(DEPTH CORR: 12,431 TO 12,431 (QUESTIONABLE))

VERY FEW & POOR SAMPLES. DOLO: GRAY-TN DNS.

SH: BLK, DK GRAY, SILTY, PYRITIC, CARB., CALC.

DOLO: LT GRAY, XLYN TO SUCROSLIC.

LS: A DOLO: V/SHLY. SH: GRAY-GREEN, BR-BLK., CARB.

LS: TN-BR-V/SHLY. SH: BR-BLK, CARB. LS: CLEAN, V/FOSS. SK: BR-DK BR-BLK, SILTY, CALC.

TR: ANGL. CLR QTZ XLS. LM: FOSS., BR SHLY. SH: BLK-DK GRAY, PYRITIC, SILTY, CALC. SLI, CARB. (LOST CIRC)

(RAN ELMC LOG, SET 7" CASING WITH PLUG). (DRLO. W. MARINE WATER)

LS: TN-BR FN XLYN, PYRITIC.

SH: DK GRAY-BLK, SILTY, CARB. LS: WH-GRAY MOTTLED, XLYN., PYRITIC.

LS: LT GRAY, LT TAN, FN XLYN., FOSS (OOLITIC).

SH: AS ABOVE.

LS: WH-GRAY-DK BR., V/FN XLYN TO SHLY, FOSS. TR: SILIC., COMBL. SS.

LS: WH-LT GRAY, V-F XLYN.

LS: TN-BR FOSS., XLYN TO SHLY. SH: SOFT, GUMMY.

LS: TN-BR., HARD TO XLYN., FOSS.

SK: LT BR., V/SOFT GUMMY.

SH: BLK DARK GRAY, PYRITIC., SOFT, SLI, CALC. (STRAPPED OUT-12,922.69)-NO CONTACT.

LS: TN-DUFF XLYN, FOSSIL. SH: BLK, GRAY, PYRITIC, SILTY, SLI. CALC.

LM: TN-LT GRAY, XLYN. SH: GRAY-DK GRAY, SILTY, CARB.

LS: WH-LT GRAY MOTTLED, XLYN. LM: BR-TAN XLYN., TO SILIC. TR: SILIC LS. LM: BR-DIRT.

CMT: BR-BLK, SPICULAR, LS; SH: V/DNS-FO BRIGUAN, SLI, SILIC. SH: BR-BLK-GRAY CALC.

CMT: GRAY-BR-BLK, SPICULAR.

SS: LARGE CLR TO MILKY SUB-ROUNDED, FREE TR: CRT; PYRITE, SS. LS: WH-TN, CONSL. SH: WH-TAN CONSL., VFG.

SS: GRAY-DK GRAY, CONSL.

LS: WH-TN, XLYN. SH: GRAY-BLK, SOFT. LS: GRAY-TN-BR., SILIC, CHERTY, FOSS.

SH: LT GRAY, SOFT, SILTY, SLI SHY. TR: BR. LS. TR: WH LS., DK BR-BLK CRT, FREE QUARTZ GRAINS. SH: GRAY-DK GRAY, FN PYRITIC. TR: SDY SHALE. SH: GRAY-DK GRAY, PYRITIC.

SH: GRAY-DK GRAY, V/SILTY, LS: HARD, BR-SHLY. LS: DK BR DNS. (LARGE AMT. LOST CIRC. MATERIAL COMING OUT OF HOLE-NONE ADDED). CMT: CLEAN UP OF DK BR. TR: FINE QTZ GRAINS.

LS: TN, GRAY MOTTLED, XLYN. SH: DK GRAY-BLK, SOFT TO BRITTLE. TR: TAN CHERT, ROUNDED QTZ GRAINS.

LS: BR SHLY, SLI, DOLOMETIC. SH: DK GRAY, SILTY, V/CALC.

SH: DK GRAY, PYRITIC.

LS: GRAY-LT GRAY XLYN TO CSE.

TR: CLEAR CALCITE XLS.

SH: DK BR-DK GRAY, CALC. LS: GRAY-BR., V/SHLY. SH: GRAY-BR SILTY CALC.

SH: AS ABOVE.

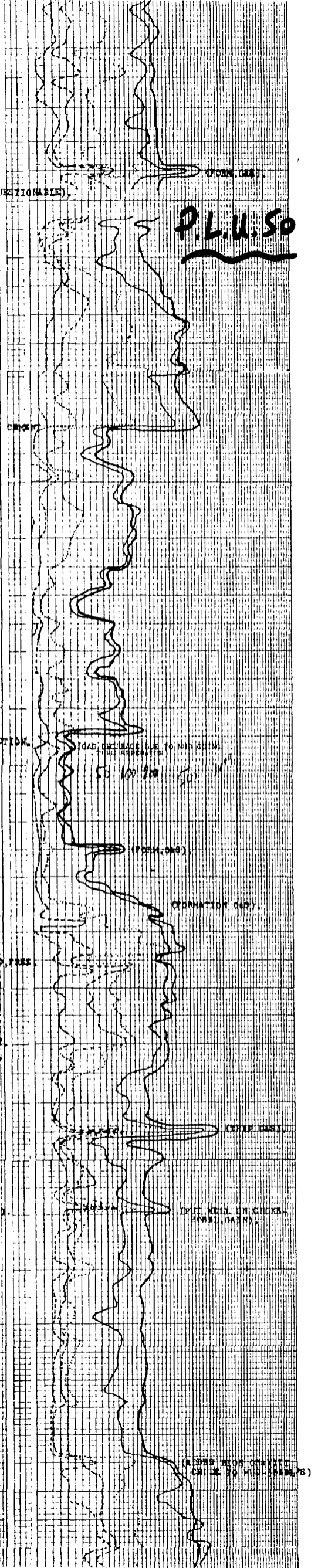
SH: BR-BLK., FN XLYN.

(INCREASE IN GAS READINGS DUE TO LIVE CRUDE OIL IN MUD)

SH: GRAY-DK GRAY, BRITTLE. LS: DK BR, SHLY.

TR: BR. LS.

(WELL ON CMOKE-30 MIN).



P.L.U. 50

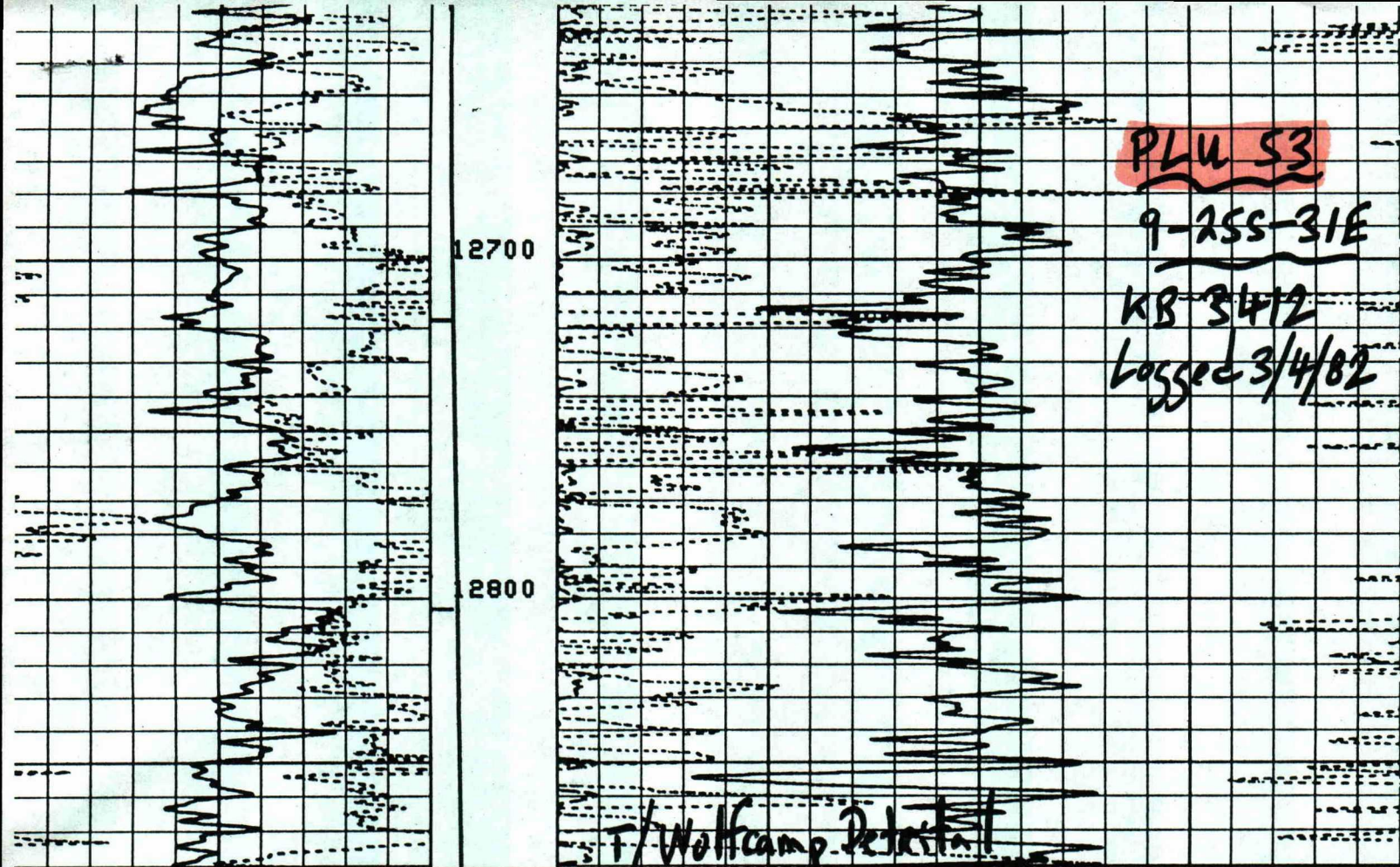
50 100 200 300

FORMATION GAS

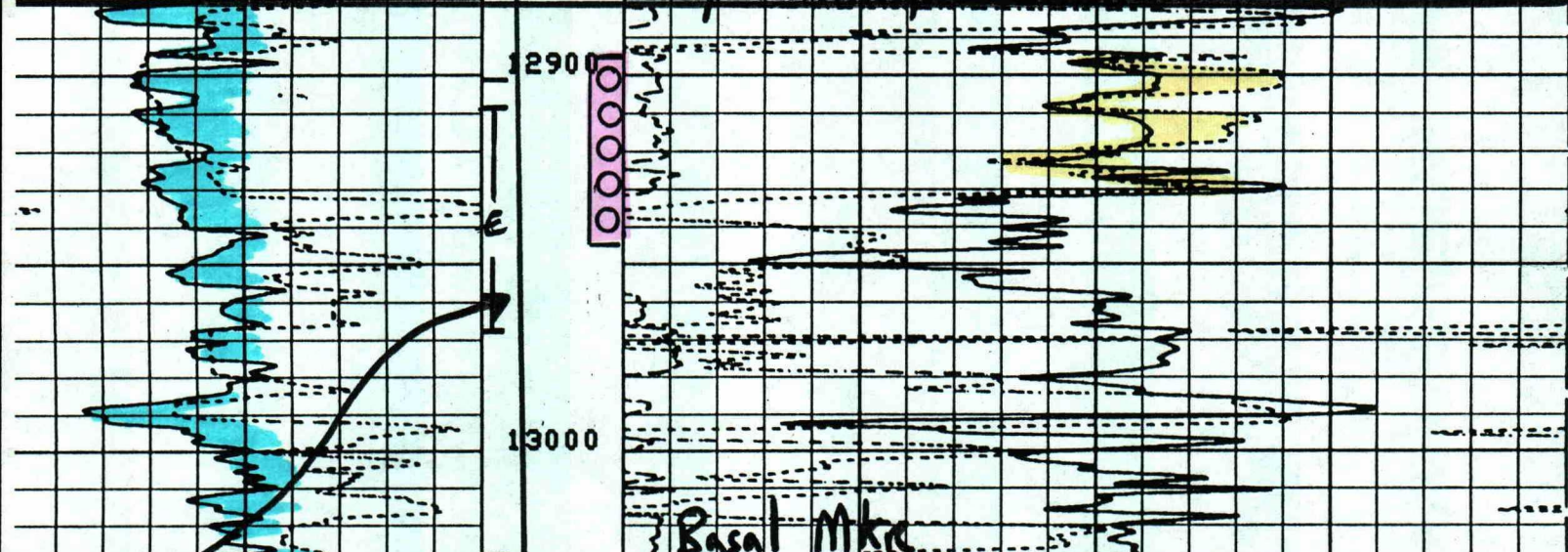
WELL ON CMOKE

WELL ON CMOKE

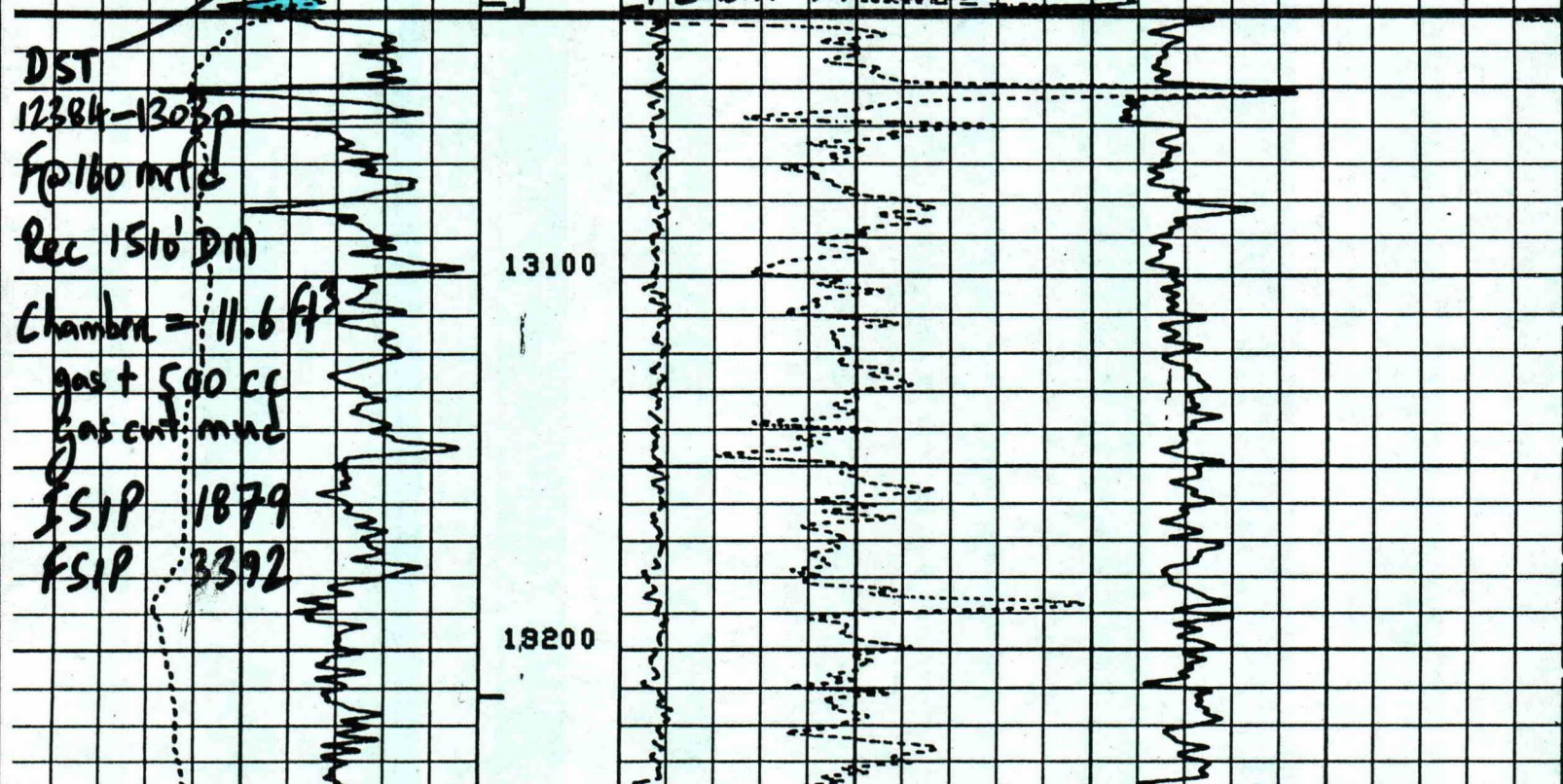
PLU 53
 9-255-31E
 KB 3412
 Logged 3/4/82



T/Wolfcamp Detestaf



Basal Mkr.



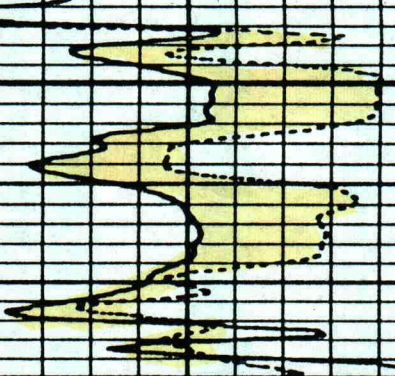
DST
 12384-13030
 Fp 180 mfd
 Rec 1510' DM
 Chamber = 11.6 ft³
 gas + 500 cc
 gas cut mud
 FSIP 1879
 FSIP 3392

GR (GAPI)	Run 3	DRHO (G/C3)	
100.0		-0.050	0.4500
CALI (IN)			RHO2 (G/C3)
5.000		2.000	3.000
GR (GAPI)			MPHS
0.0		0.3000	-0.100

PLUS3
9-255-31E

Wolfcamp Details

12900



PFs 12986-944
9/20/98
A/5000 gals
@ 2,339 mcf pd

During 4-jt
max rate was
2,968 mcf pd

FTPS300
9" P.
64 choke

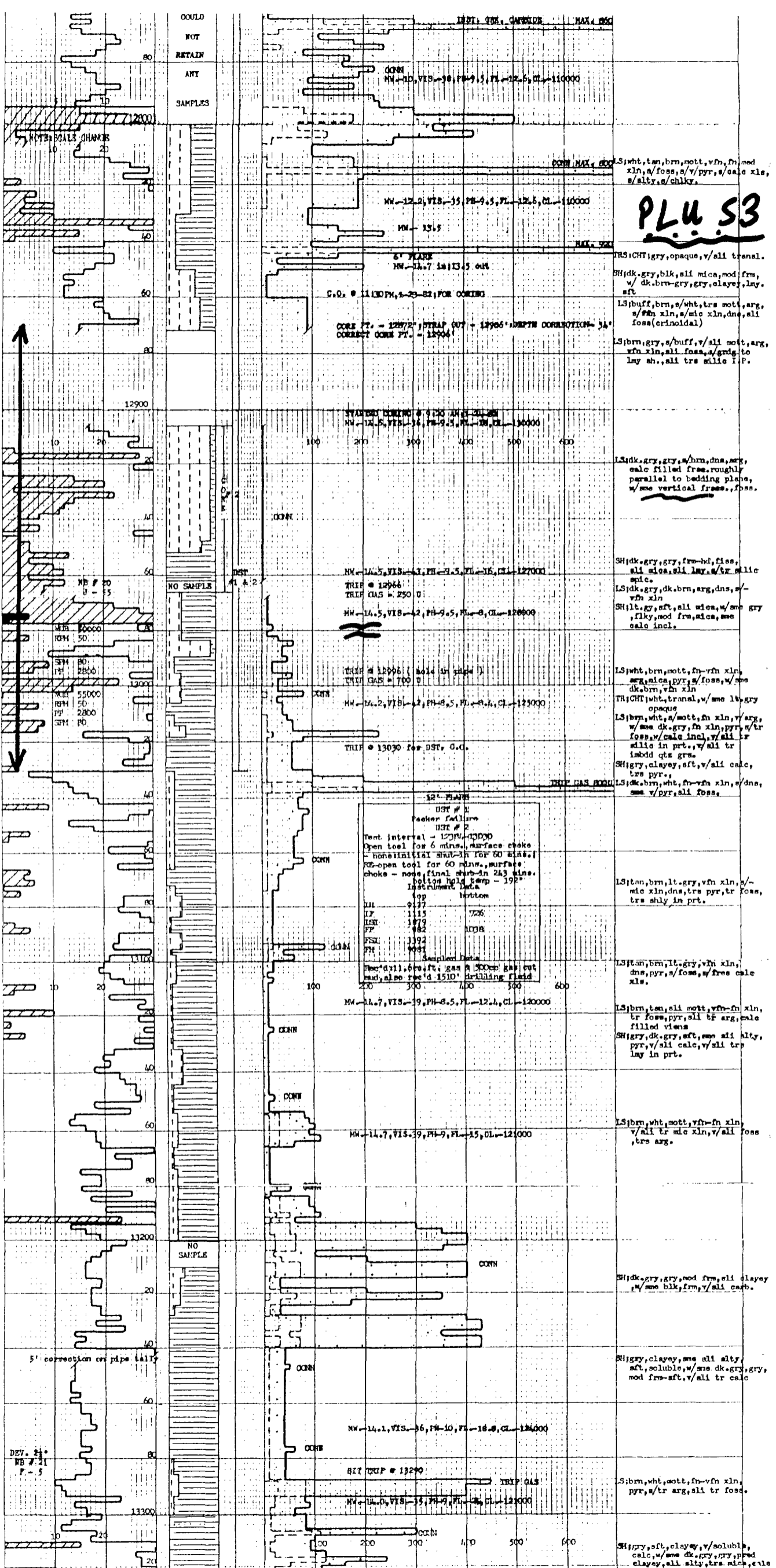
13000

Basal Mke

GR (GAPI)	100.0	200.0
CALI (IN)	6.000	16.00
GR (GAPI)	100.0	100.0

Run 2

TENS(LR)	13000.	3000.
MPHS	0.3000	-0.100
DPHS	0.3000	-0.100



PLU. 53

CORE PT. = 12972' STRIP (SUT) = 12966' DEPTH CORRECTION = 34'
CORRECT CORE PT. = 12966'

STANDBY DURING @ 4:50 AM @ 12700'
MW-14.5, VIS-34, PH-9.5, FL-12.5, CL-130000

MW-14.5, VIS-31, PH-9.5, FL-12.5, CL-127000
THIS @ 12966'
TRIP GAS = 250 U

MW-14.5, VIS-32, PH-9.5, FL-8, CL-128000

THIS @ 12996' (hole in pipe)
TRIP GAS = 700 U

MW-14.2, VIS-32, PH-8.5, FL-8.4, CL-125000

THIS @ 13030' for DST, G.O.

12' PLANE
DST # 1
Packer failure
DST # 2

Dent interval - 12700-13000	
Open tool for 6 mins, surface choke	
- noninitial shut-in for 60 mins.	
RP-open tool for 60 mins, surface	
choke - none, final shut-in 243 mins.	
bottom hole temp - 192°	
Instrument Data	
top	bottom
LH 9177	
LF 1115	726
LEH 1879	
FP 982	1028
FSL 1392	
PH 9981	
Sampled Data	
Rec'd: 11.6 cu. ft. gas @ 1500 psi gas cut	
mud, also rec'd 1510' drilling fluid	

MW-14.7, VIS-39, PH-8.5, FL-12.1, CL-140000

MW-14.7, VIS-39, PH-9, FL-15, CL-125000

MW-14.1, VIS-36, PH-10, FL-16.8, CL-124000

BIT TRIP @ 13290'

MW-14.0, VIS-35, PH-9, FL-16, CL-124000



5' correction on pipe tally

DEV. 2 1/2°
NB # 21
F-5

12700

12800

12900

13000

13100

13200

PLU 67

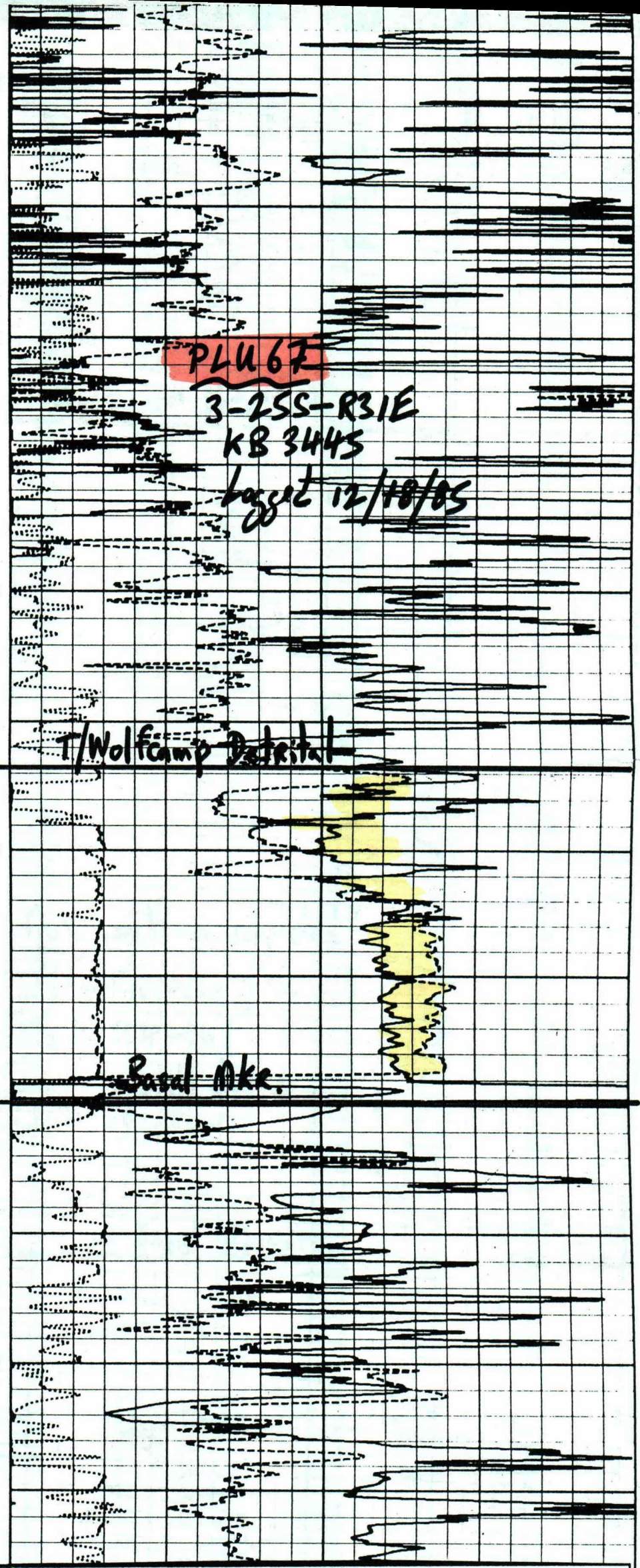
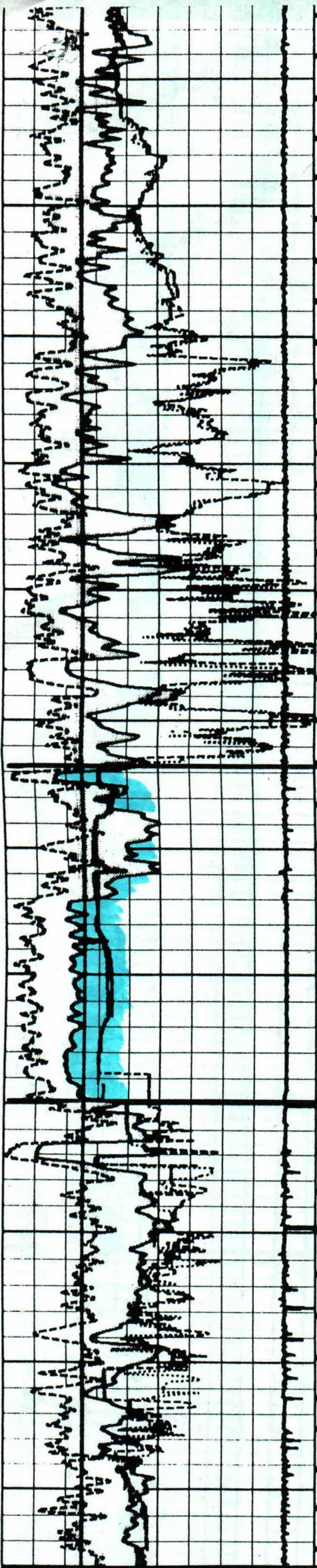
3-255-R31E

KB 3445

logged 12/18/05

T/Wolfcamp Detrital

Basal Mke.



0	GR API	100
4	CALIPER X	14
4	CALIPER Y	14

-0.05	$\Delta\rho$	0.45	RUN 3
2.00		$\rho(B)$	3.00
30		$\phi(CNS)$	-10

PLU 67
3-255-R3E

T/Wolfcamp Defectat

13000

Note well was completed
in The Morrow 7/86
[P#s 14-894-98]
and is still active
in the Morrow.

Basal Marker

13100

0 GR API 100

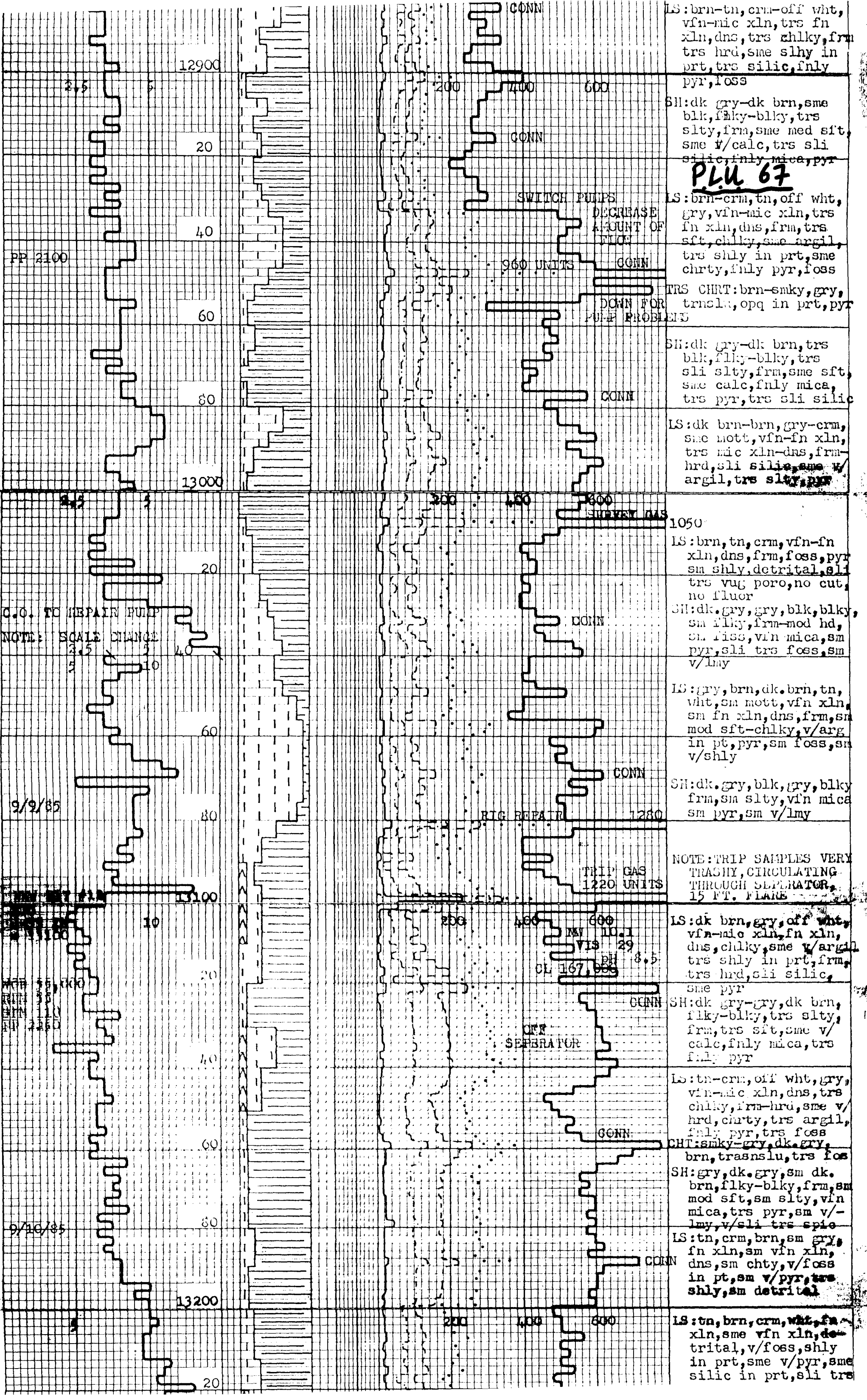
4 CALIPER X 14

4 CALIPER Y 14

-0.05 $\Delta\rho$ 0.45 RUN 3

30 ϕ (CDL) -10

30 ϕ (CNS) -10



12900

20

40

60

80

13000

20

60

80

13100

10

20

40

60

80

13200

20

CONN

CONN

SWITCH PUMPS
DECREASE
AMOUNT OF
FLOW

960 UNITS

CONN

DOWN FOR
PUMP PROBLEMS

CONN

LS: brn-tn, crm-off wht, vfn-mic xln, trs fn xln, dns, trs chlky, frm prt, trs sme shly in prt, trs silic, fnly pyr, foss

SH: dk gry-dk brn, sme blk, flky-blky, trs slty, frm, sme med sft, sme v/calc, trs sli silic, fnly mica, pyr

PLU 67

LS: brn-crm, tn, off wht, gry, vfn-mic xln, trs fn xln, dns, frm, trs sft, chlky, sme argil, trs shly in prt, sme chrt, fnly pyr, foss

TRS CHRT: brn-smky, gry, trnclt, opq in prt, pyr

SH: dk gry-dk brn, trs blk, flky-blky, trs sli slty, frm, sme sft, sme calc, fnly mica, trs pyr, trs sli silic

LS: dk brn-brn, gry-crm, sme mott, vfn-fn xln, trs mic xln-dns, frm hrd, sli silic, sme v/argil, trs slty, pyr

TRIP GAS
1050

LS: brn, tn, crm, vfn-fn xln, dns, frm, foss, pyr sm shly, detrital, sli trs vug poro, no cut, no fluor

SH: dk gry, gry, blk, blk, sm flky, frm-mod hd, sm foss, vfn mica, sm pyr, sli trs foss, sm v/lmy

LS: gry, brn, dk brn, tn, wht, sm mott, vfn xln, sm fn xln, dns, frm, sm mod sft-chlky, v/arg in pt, pyr, sm foss, sm v/shly

SH: dk gry, blk, gry, blk, frm, sm slty, vfn mica, sm pyr, sm v/lmy

NOTE: TRIP SAMPLES VERY TRASHY, CIRCULATING THROUGH SEPARATOR, 15 FT. FLARE

TRIP GAS
1220 UNITS

LS: dk brn, gry, off wht, vfn-mic xln, fn xln, dns, chlky, sme v/argil, trs shly in prt, frm, trs hrd, sli silic, sme pyr

SH: dk gry-gry, dk brn, flky-blky, trs slty, frm, trs sft, sme v/calc, fnly mica, trs fnly pyr

LS: tn-crm, off wht, gry, vfn-mic xln, dns, trs chlky, frm-hrd, sme v/ hrd, chrt, trs argil, fnly pyr, trs foss

CHT: smky-gry, dk gry, brn, translu, trs fos

SH: gry, dk gry, sm dk brn, flky-blky, frm, sm mod sft, sm slty, vfn mica, trs pyr, sm v/lmy, v/sli trs spio

LS: tn, crm, brn, sm gry, fn xln, sm vfn xln, dns, sm chty, v/foss in prt, sm v/pyr, trs shly, sm detrital

LS: tn, brn, crm, wht, fn xln, sme vfn xln, detrital, v/foss, shly in prt, sme v/pyr, sme silic in prt, sli trs

PP 2100

C.O. TO REPAIR PUMP
NOTE: SCALE CHANGE
3.5 4.0
5 10

9/9/85

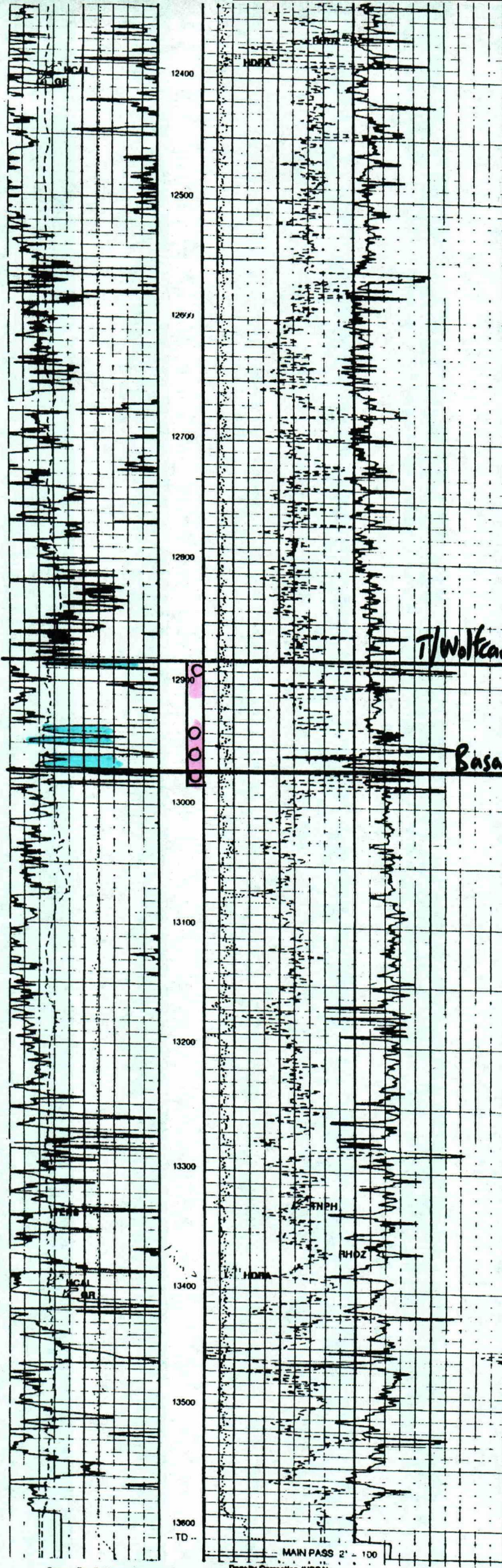
WFB 55,000
WFB 35,000
WFB 110
WFB 2250

9/10/85

RIG REPAIR

OFF SEPARATOR

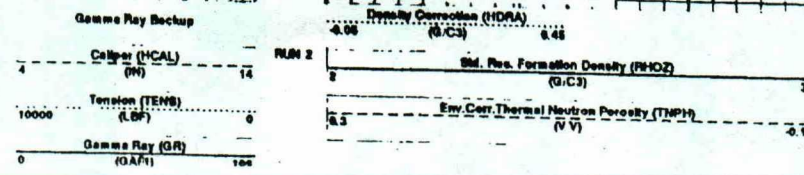
MV 10.1
VIS 29
PH 8.5
CL 167,988

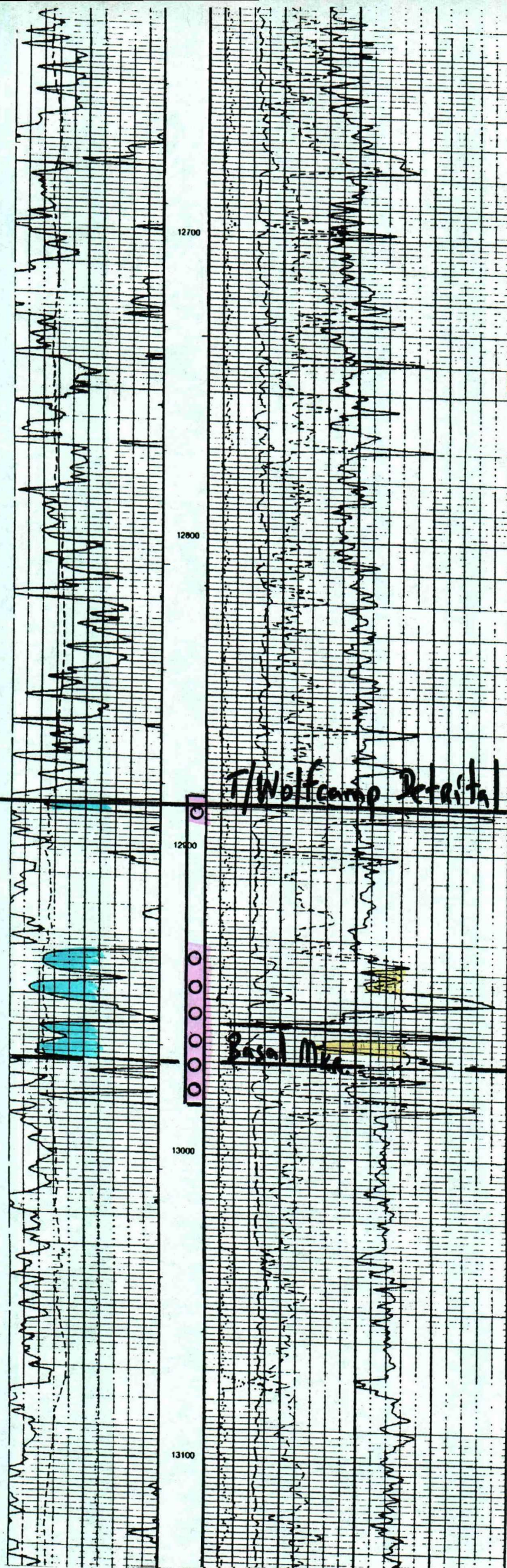


C. D. U. 81
 2-255-31E
 KB 3455
 Logged s/p/s/97.

T/Wolcamp Detail

Basal Mkr.





C.D.U. 81
 2-255-R31E
 KB 3455'
 Logged 5/25/97

T/Wolfcamp Details

PFs (12882-984)
 7/97
 Frac w/113190g
 No commercial
 flow
 PB to L^R Brushy

Basal Me.

Gamma Ray Backup (GAPI)	0	100	Density Correction (DHRA) (G/CS)	-0.06	0.46
Caliper (ICAL) (IN)	4	14	SHL. RES. DENSITY POROSITY (DPH2) (V.V)	0.3	0.1
Tension (TENS) (LBF)	10000	0	SHL. RES. FORMATION Pp (PEFZ) (---)	0	10
Gamma Ray (GR) (GAPI)	0	100	Em. Con. Thermal Neutron Porosity (TNP1) (V.V)	0.3	0.1

RFs 12994-13094
 Frac w/ 58,000 gals
 Would not flow

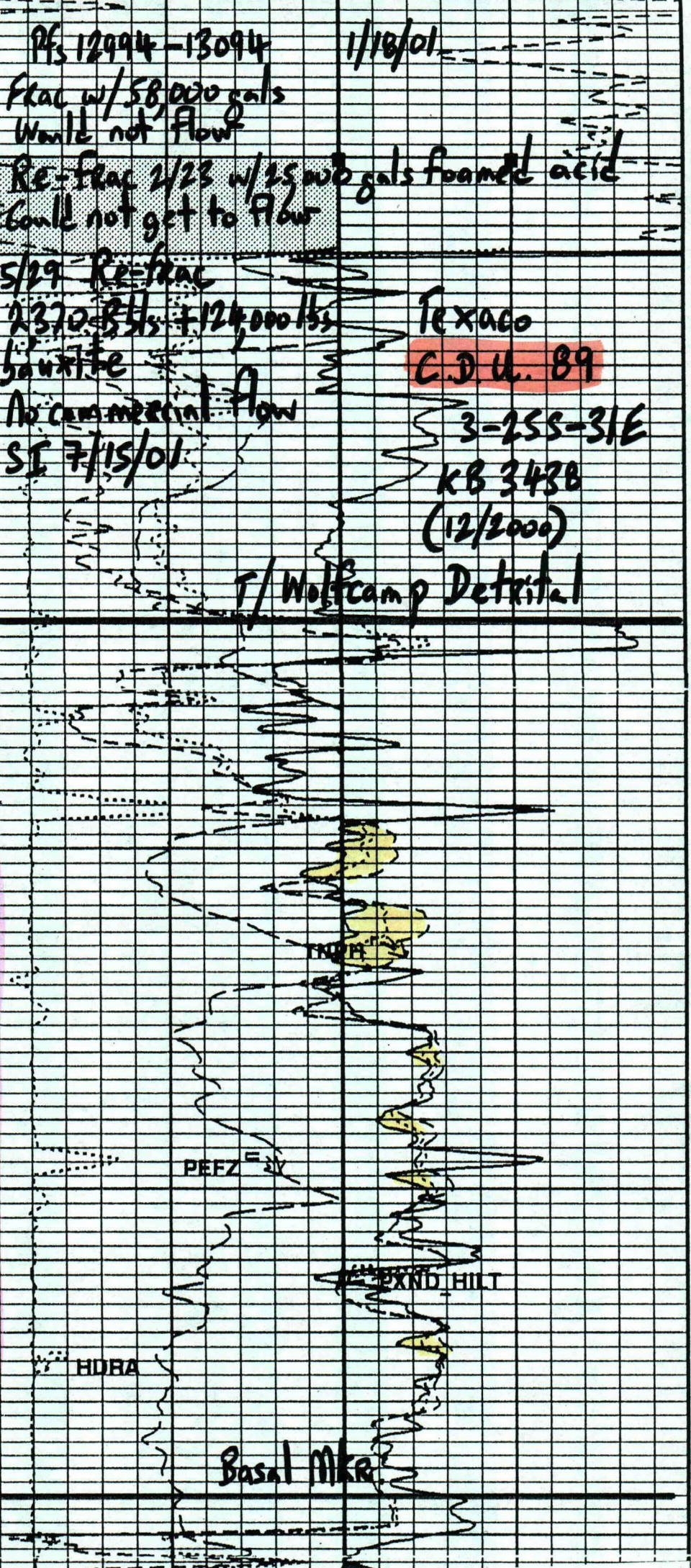
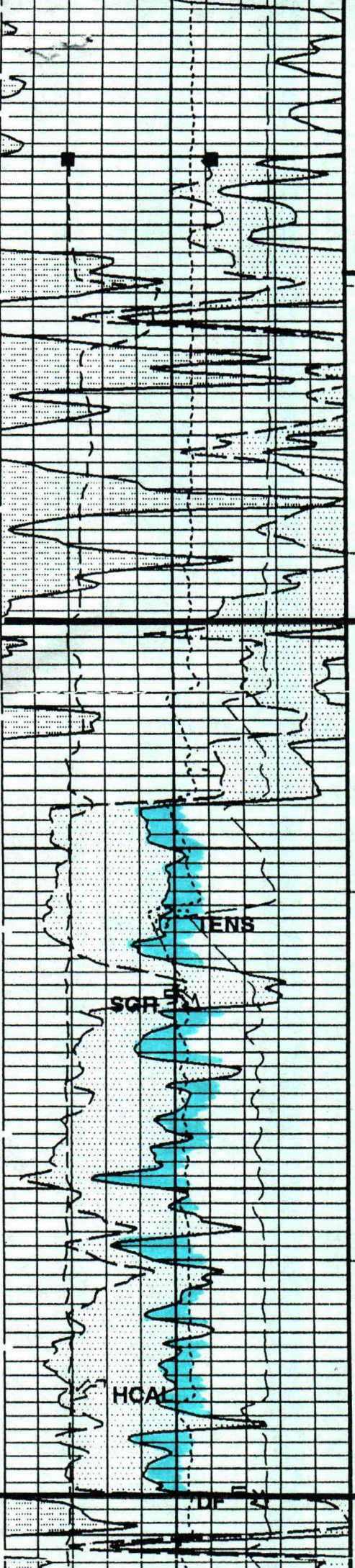
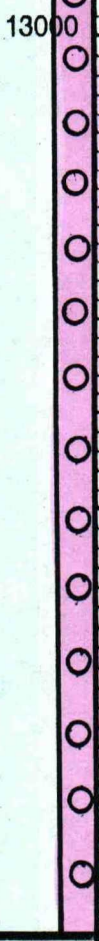
1/18/01

Re-frac 2/23 w/ 25,000 gals foamed acid
 Could not get to flow

5/29 Re-frac
 2370 Bbls + 124,000 lbs
 Sawrite
 No commercial flow
 SE 7/15/01

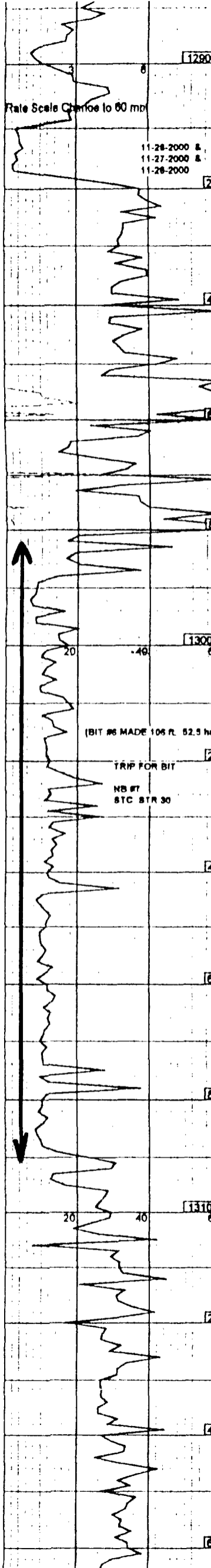
Texasco
 C.D.U. 89
 3-255-31E
 KB 3438
 (12/2000)
 T/Wolfcamp Detrital

12900
 Casing

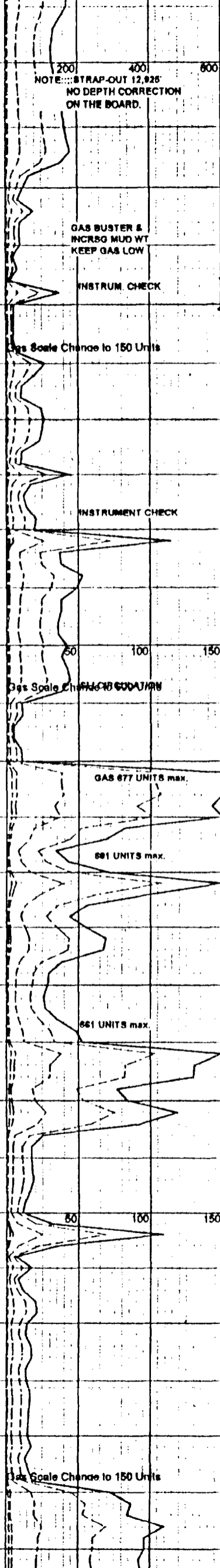
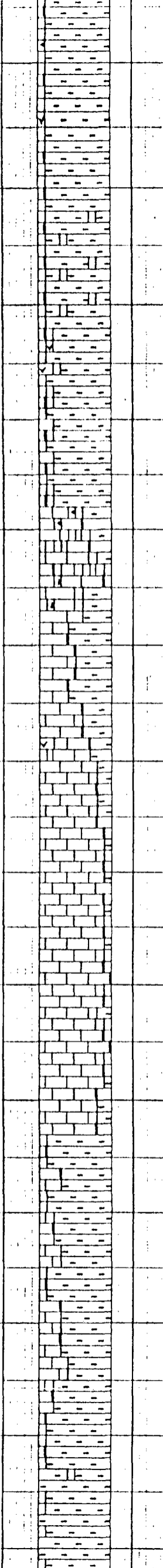


0	Computed Gamma Ray (CGR) (GAPI)	100
5000	Downhole Tension (LEH-QT) (DF) (LBF)	0
Uranium Indicator		
Spectroscopy Gamma Ray on Backup		
Under-gauge Borehole		

-0.05 (G/C3)	HRDD Density Correction (HDRA)	0.2
0.3	BHcorr Thermal Neutron Porosity [LIME] (TNPH) (V/V)	-0.1
0	Stan Res Formation Pe Factor (PEFZ) (---)	10
0.3	Crossplot Porosity [TNPH vs RHOZ] (PXND_HILT) (V/V)	-0.1
0.3	Stan Res Density Porosity [2.71] (DPHZ) (V/V)	-0.1



12800
 11-28-2000 E.
 11-27-2000 E.
 11-28-2000
 11/29/00
 11/30/2000
 12/01/2000
 12/02/2000
 12/03/00
 13100



ANHY-CLR/FRSTY/MLKY WHT, SFT,
 AN-EUHDL/ELONGATE XTALS
 SH-A/A W. SOME MORE LT GRY, MORE GRAN
 TXT FLKY IP
 C.O.FOR E-LOGS AT 12,917 ON
 11-21-2000.
 INTERMEDIATE CSNG POINT
 INCR MW TO 13.1 BY 2 pm 11/28
 >50% CMT IN 12917-22 SPL, ABUND
 S/RDD-ROO CS LSE SD GRNS FIN FRSRD
 ANH 'GRNS'. BK-DK GY SH INCR TO MAJORITY
 OF SPL BELO 935
TEXACO
C.D.U. 89.
 SH-V SFT GUMMY, BLK/GRY-DRK GRY, V. F.
 GN-CLAY, CHKY CHUNKY
 LS-MSTLY WHT MICRO-F. XTLN, DNS CONS
 XTAL CLUSTRS, FRM BUT CRMBLY, FEW DRK
 GRY, ARG, DNS, HRD BR TTL, MICRO XT LN
 ANHY-ABUND MLKY WHT
 FRSTY FIN GRN UNCONS-SFT
 7 SS-FEW CLR-TRNSL/FRSTY
 ORNG HUE WL RINGG UNCONS
 POSS CONTAM OF SED
 INSTRUMENT CHECK
 INSTRUMENT CHECK
 SH-YIELDS TO LM IN 978-80 INTVL, LA MSTLY
 BK OPQ PTLY-TOTLTY SILICIFIED SLVR-WH
 PRESERV ALGL FRGS IN MTRX, SLI DECR IN
 SILCFIED SPL BELO 990
 SH-MSTLY DK BN SMO TXT SFT
 GUMMY A/A
 SD GRNS ANH GRNS DECR TO TR
 CHTY SPL ABSNT BY 13000. SH-BK
 BRIT-FRM IP, INCR IN LT COL LM BY 010, TR
 FOS SHELLS
 LS-MSTLY DRK GRY, HRD ARG, MICRO
 XT LN, FEW BRN TRNSL IP
 GAS SCALE CHANGE TO 600 UNITS
 LS-A/A SOME SFT, ARG, CLAY, MOTT IP, DRK
 BRN/GRY-WHT
 GAS BUBBLING UP @ SHAKER
 SH-MSTLY BLK/DRK GRY, MORE FRM, FLKY IP,
 SOME SFT, CALC IP
 877 UNITS max.
 611 UNITS max.
 LS-A/A MSTLY DRK GRY, ARG, RGH GRAN
 TXT, MICRO XT LN, DNS HRD BR TTL, SOME
 MOTT IP OFF WHT LTR GRY/BRN GNS
 661 UNITS max.
 LS-A/A FEW BRN GNS TRNSL IP, MICRO XT LN,
 SOME MOTT GRY GNS MORE CRMBLY, SOEM
 GNS APPEAR FRSTY IP, FEW FOSS BEARING
 PACK STONE GNS
 SH-MSTLY SFT, GUMMY CHKY CHUNKS, V. F.
 GN/CLAY
 LS-A/A MSTLY DRK GRY, ARG, HRD, MICRO
 XT LN, THE ODD WHT GN
 SH-A/A W/ MORE HRD BR TTL GNS
 SH-PRED BK SMO SFT, GUMMY IP
 LS-WH CRM TN, CHKY-DNS, PROB AS THN
 STRGRS IN SH FM, TR FOSS FRGS IN SPL
 BELO 10
 SH-PRED BK SMO TXT, MST SFT
 GUMY SME SEMIFRM
 LS-A/A, SME MOTT BN WH GRNST IP, INCR IN
 DK DNS DRTY SPL
 SH-V D GY-BK, UNIFORM SMO TXT, SFT
 GUMMY IP, TR MARLY
 LS-WH CRM BF TN GY BN MOTT, SFT
 MARLY-FINXTLN GRNY TXT, TR DETRTL FRGS
 SH-MSTLY ALL V. SFT GUMMY BLK - DRK GRY
 CHKY IP CHUNKY GNS
 GAS SCALE CHANGE TO 150 UNITS
 LS-FEW WHT/CRM, HRD DNS GN ST
 F. XT LN, ALSO MOTT DRK BRN/GRY W/ WHT.

NOTE: STRAP-OUT 12,925
 NO DEPTH CORRECTION
 ON THE BOARD.

GAS BUSTER &
 INCRSD MUD WT
 KEEP GAS LOW

INSTRUM. CHECK

Gas Scale Change to 150 Units

INSTRUMENT CHECK

Gas Scale Change to 600 UNITS

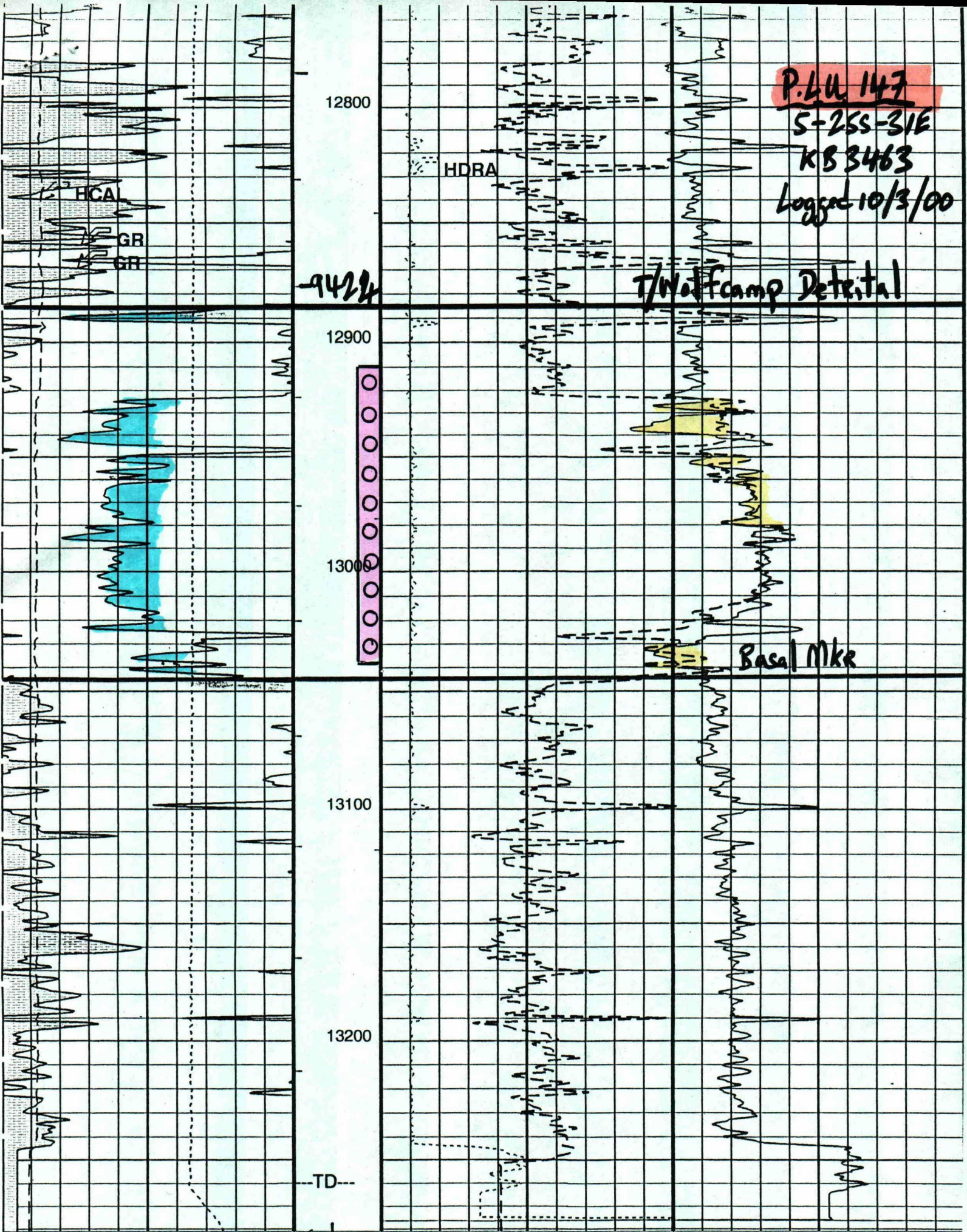
GAS 877 UNITS max.

611 UNITS max.

661 UNITS max.

Gas Scale Change to 150 Units

P.LU 147
 5-255-31E
 KB 3463
 Logged 10/3/00



Gamma Ray on Backup	
GR (GR) (GAPI)	0 100
HRMS Calliper (HCAL) (IN)	5 15
Cable Tension (TENS) (LBF)	10000 0

Est
 "E" Mkr
 @ 13387
 (-9924)

HRDD Density Correction (HDRA) (G/C3)	-0.05 0.45
Stan Res Formation Density (RHOZ) (G/C3)	2 3
Thermal Neutron Porosity (TNPH) (V/V)	0.3 -0.1

PIP SUMMARY

- ┌ Integrated Borehole Volume Every 10 F3
- ┌ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

MAIN PASS 2" = 100'

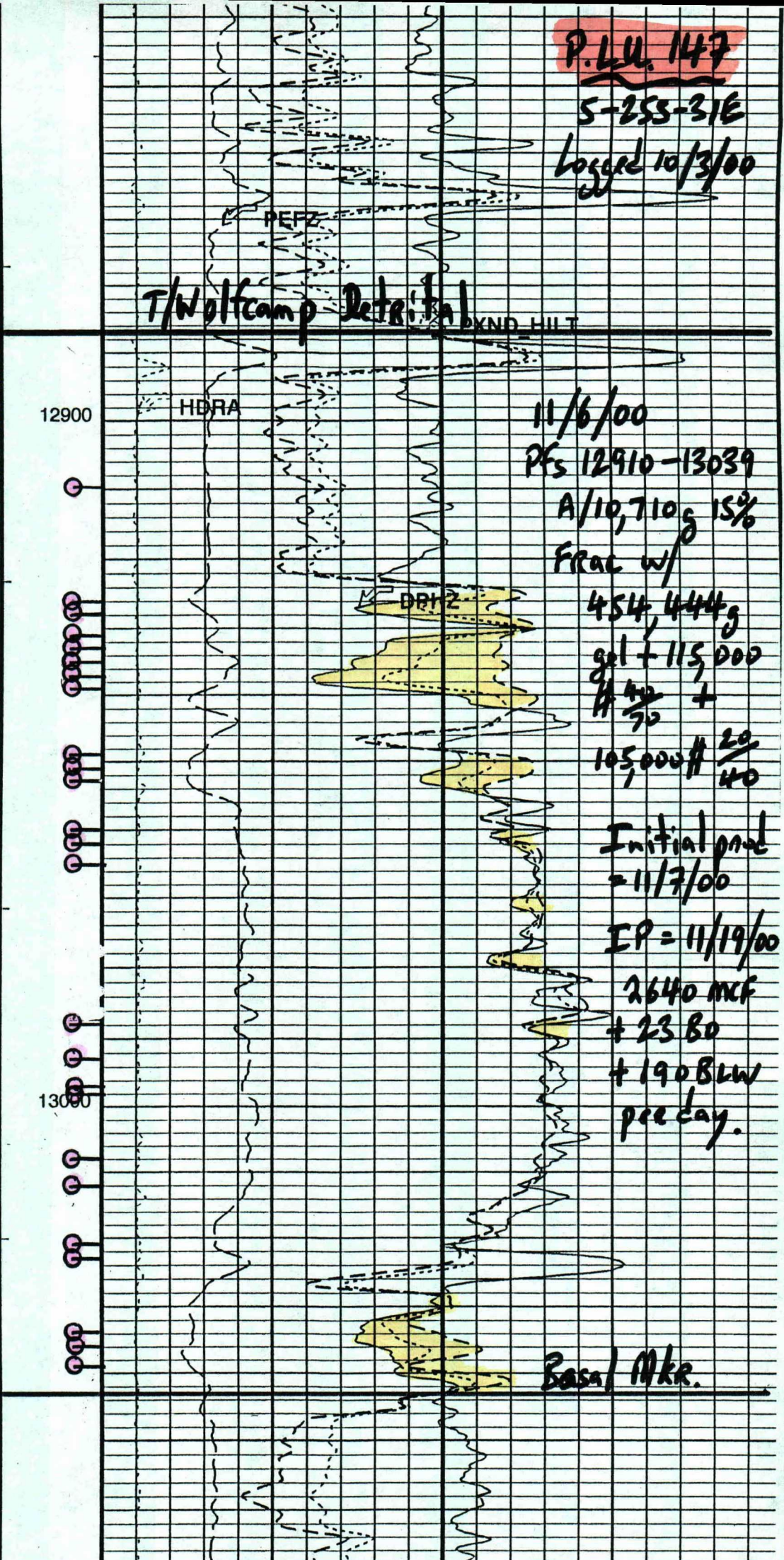
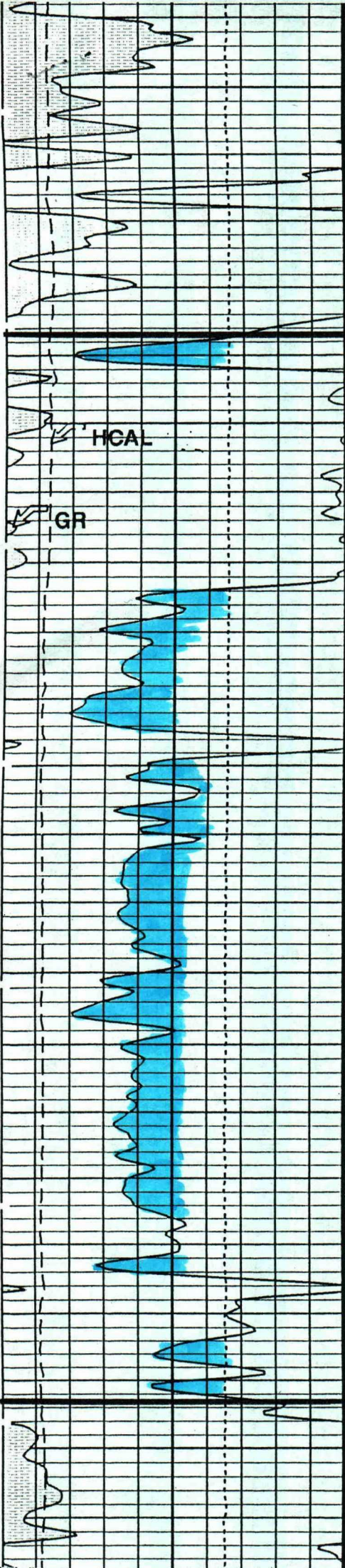
Time Mark Every 60 S

Parameters

Value

P.L.U. 147
 5-255-31E
 Logged 10/3/00

T/Wolfcamp Detrital BYND HILT



11/6/00
 PEs 12910-13039
 A/10,710g 15%
 Frac w/
 454,444g
 gel + 115,000
 # 40 +
 105,000 # 20
 40
 Initial prod
 = 11/7/00
 EP = 11/19/00
 2640 MCF
 + 2380
 + 1908LW
 per day.

Basal Mkr.

Gamma Ray on Backup	
GR (GR) (GAPI)	100
HRMS Calliper (HCAL) (IN)	15
Cable Tension (TENS) (LBF)	0

Stan Res Density Porosity [2.71] (DPHZ) (V/V)	0.3	-0.1
HRDD Density Correction (HDRA) (G/C3)	0.05	0.45
Crossplot Porosity [TNPH vs RHOZ] (PXND HILT) (V/V)	0.3	-0.1
Stan Res Formation Pe Factor (PEFZ) (---)	0	10
Thermal Neutron Porosity (TNPH) (V/V)	0.3	-0.1

SPM 95
PP 1540

PH 10.5
WL 20.4
CL 150K

SH:dk gry,gry,lt gry,
sm blk,blky,sm flxy,
sft,gmy,sm hrd,ertny,
slty,mica,sli carb

PLU 147 (147)

9/30/00

LS:mott off wht/brn
sm brn,sm gy/brn,
vfxln,dns ip,frm/sli
chrtly ip,tr-argil

S. SMITH

MW-12.0
VS-39
WL-12.0
PH-11

TR-CHRT:amber w/sli
tr-mlky wht,trnsl
FLOW BRIEFLY INCR TO
30% FROM 22% DURING
GAS SPIKE 12897'

CK FLOW/NEG.
20

300 600 900

LS:brn,dk brn,sm mott
vf-microxln,dns,tr-
rexln,sli tr-frac
face,abndt silic re-
placement,hrd,tr-v
slo bldg gas

CK FLOW, NEG.

1502 U.

LS:off wht,gy/wht,occ
brn,micro-vfxln,tr-
clr 2ndry xls,bcm
cln,sli tr-foss frag
argil ip

WOB-35,000
RPM-60
SPM-95
PP-1540

CG 1500

LS:off wht,gy/wht,occ
brn-dk brn,micro-
vfxln,dns,frm ip,bcm
more argil,tite,sli
tr-foss frags

10/1/00

CG 1357

LS:gy,gy/wht,micro
xln,dns,mod frm,
argil thru out

LEV 1

CG 1109

CHRT:v dk smky gy,
mott,dk gy/brn,blky
ip-occ ang/sharp,
pred opa,qr,tr-trnsl
pyric ip,tr-mssv pyr

0 20

MW-11.7+
VS-40

SH:drk gry,gry,sm blk,
blky-plty,frm,sft,
erthy,sm lmy,mica,sm
chrtly

JDM

CG 1211

TRIP GAS 8520

TOH NB #11

HTC STR30

CG 1443

LS:gry/wht,drk brn/brn
mott,frm-mod hrd,vfn-
xln,sm sli sucro,shly
inclus,fnly pyr,tr ch
argill

10 20
S. SMITH

MW-10.1
VS-40
WL-10.4
PH-10.5
CL-132K

DT GAS 1387

SH:med-occ dk gy,sub
blky ip,sm v sft/
easily hydrates-mod
frm-brttl ip,gumy ip

WOB-35,000
RPM-60
SPM-94
PP-2230

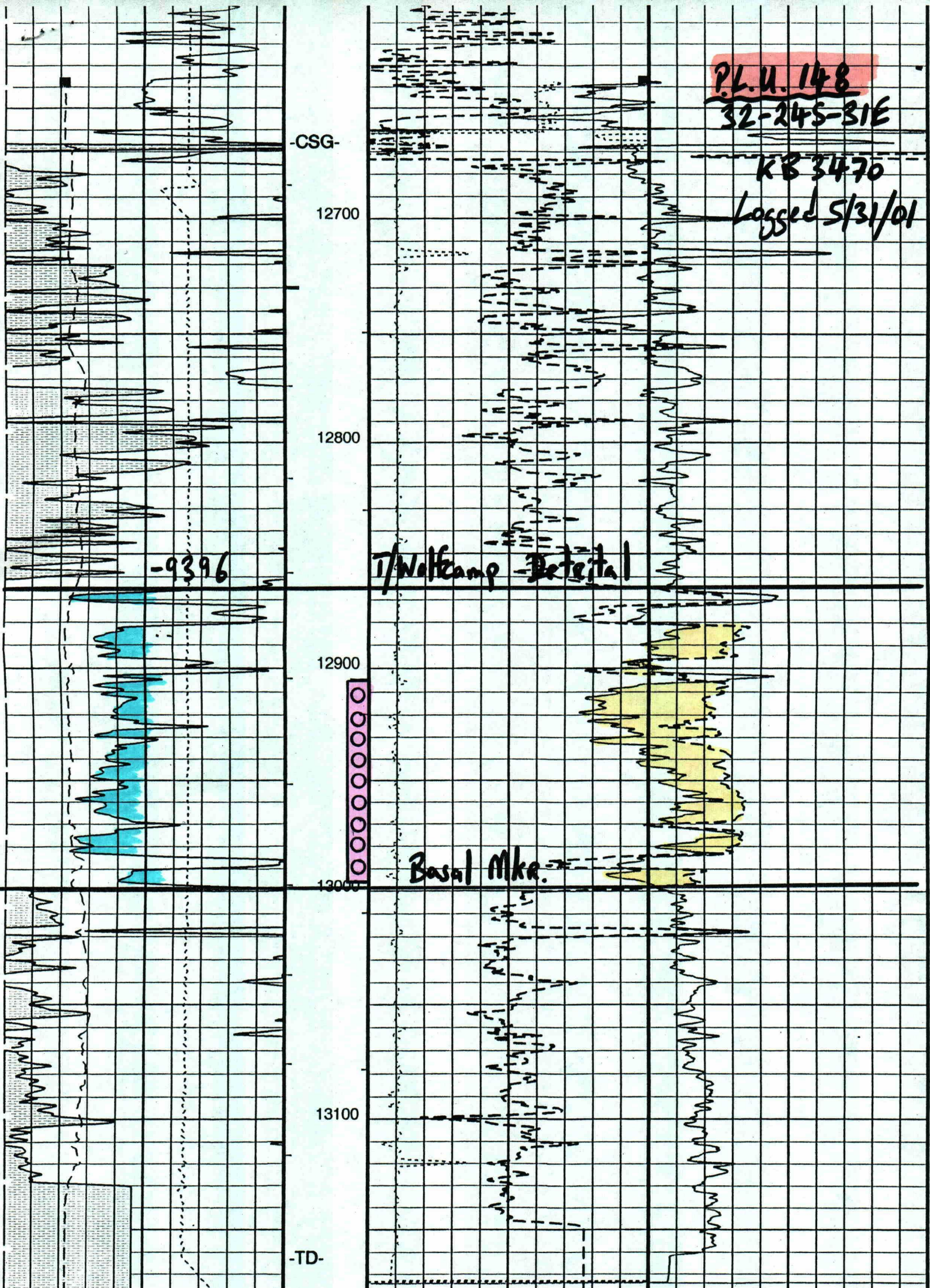
CG 1446

DTGAS

LS:gy/wht,gy,occ brn
microxln,dns,sft/
v argil-mod frm,tr-

PL. U. 148
32-245-31E

KB 3470
Logged 5/31/01



Gamma Ray Backup		
0	Gamma Ray (GR) (GAPI)	100
4	Caliper (HCAL) (IN)	14
10000	Tension (TENS) (LBF)	0

-0.05	Density Correction (HDRA) (G/C3)	0.45
2	Std. Res. Formation Density (RHOZ) (G/C3)	3
0.3	Env. Corr. Thermal Neutron Porosity (TNPH) (V/V)	-0.1

PIP SUMMARY

- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3

P.L.U. 148
 32-245-31E
 Logged 5/31/01

T/Wolfcamp Detail

12900



8/9/01

PFs 12904
 -12996

A/15,000g
 acid

Initial prod
 = 8/10/01

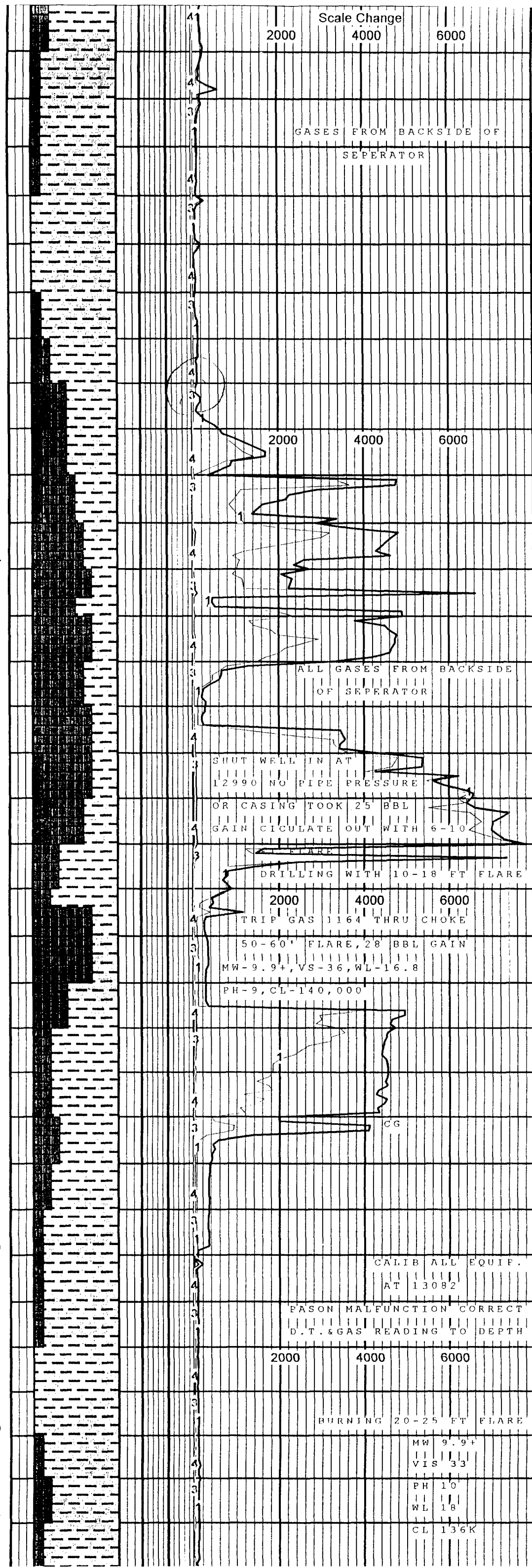
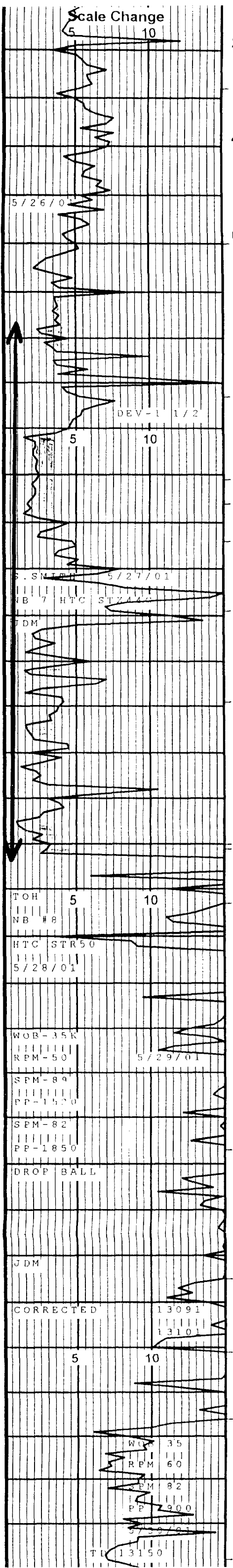
IP (8/22/01)
 4,558 mcf/d
 +1 BOPD
 +37 BWP/D

Basal Mkr.

13000

Gamma Ray Backup		
0	Gamma Ray (GR) (GAPI)	100
4	Caliper (HCAL) (IN)	14
10000	Tension (TENS) (LBF)	0

0.3	Std. Res. Density Porosity (DPHZ) (V/V)	-0.1
-0.05	Density Correction (HDRA) (G/C3)	0.45
0.3	Hilt Porosity CrossPlot (PXND HILT) (V/V)	-0.1
0	Std. Res. Formation Pe (PEFZ) (---)	10
0.3	Env. Corr. Thermal Neutron Porosity (TNPH) (V/V)	-0.1



LS:lt brn,tn,off wht, crm,vfn xln,frm,mott, sm shly,tr fnly pyr

P.L.U. 148

SH:drk gry,drk brn,gry sm blk,blky,frm-mod hrd,sm sft,erthy,sli calc,fnly mica ip,tr chrty

***** NOTE *****

MAX GAS 4320 UNITS BURNING 3-6 FT FLARE *****

***** NOTE *****

TRIP GAS 6624 UNITS TOOK 32 BBL GAIN CIRC OUT THRU CHOKE WITH 30-40 FT FLARE *****

LS:drk brn,brn,tn,vfn xln,hrd-mod hrd,shly, chrty

MAX GAS 7796 WITH 25-30 FT FLARE CONTINUE DRILLING

sub blk-biky ip,frm compact compact

NOTE:AT 13004 PUMPED 11.5 MUD WEIGHT UNTIL 13024 BACK TO 9.9+ MW

LS:v drty gy/wht,gy/brn,dk brn,micro-vf xln,dns,mod frm, v argil ip,tite

SH:dk gy,blk,charcoal sub blk-tab ip,sft-brttl-mod frm,fnly text,carb ip

NOTE:ALL GASES SINCE TRIP FROM BACKSIDE OF SEPERATOR,BURNING 10-15 FT FLARE

SH:drk gry,med gry,sm blk,blky,frm-sft,sli calc,erthy,tr ls,sli carb

LS:drk brn,lt brn,tn, sm off wht,mott,vfn xln,frm-britt,shly

NOTE:TD AT 13150 AT 12:30am NM TIME,CIRC. BOTTOMS UP AT 1:40am NM TIME, ON 5/30/01

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

December 3, 2001

**EXPRESS MAIL/
Return Receipt Requested**

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201
Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505
Attention: Mr. Roy Johnson

Commissioner of Public Lands
State of New Mexico
310 Old Santa Fe Trail
Santa Fe, New Mexico 87505
Attention: Ms. Jami Bailey

Re: Amended 2001 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the Poker Lake Unit for the year 2001. This amendment is being filed specifically for the addition of the following proposed wells and pending commercial determinations:

FUTURE DEVELOPMENT

Poker Lake Unit No. 196 - This well is proposed to be drilled at a legal location being 1,980' FSL & 2,310' FWL Section 29, T24S-R31E, Eddy County, New Mexico to a proposed depth of 15,550' to test the Wolfcamp Formation.

Poker Lake Unit No. 197 - This well is proposed to be drilled at a legal location being 1,650' FWL & 1,980' FWL Section 33, T24S-R31E, Eddy County, New Mexico to a proposed depth of 15,500' to test the Wolfcamp Formation.

Poker Lake Unit No. 198 - This well is proposed to be drilled at a legal location being 2,310' FSL & 500' FWL Section 34, T24S-R31E, Eddy County, New Mexico to a proposed depth of 15,625' to test the Wolfcamp Formation.

Poker Lake Unit No. 199 - This well is proposed to be drilled at a legal location being 1,700' FSL & 1,320' FWL Section 28, T24S-R31E, Eddy County, New Mexico to a proposed depth of 16,600' to test the Devonian Formation.

PARTICIPATING AREAS AND COMMERCIAL DETERMINATIONS

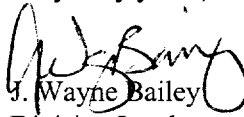
- 1) Bass is in the process of completing a Commercial Determination for the Poker Lake No. 148, a producer from the Wolfcamp Formation.

EFFECTIVE DATE

This Amended Plan of Development shall become effective on December 1, 2001.

If this Amended Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB:ca

ACCEPTED AND AGREED this 5th day of Dec., 2001.

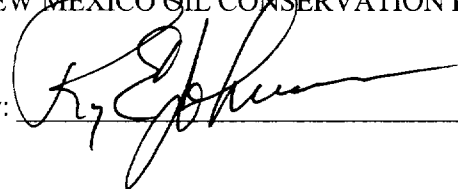
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By:  _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

December 18, 2001

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
1220 St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 148
Big Sinks (Wolfcamp) Field
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Please find attached hereto one (1) copy of Bass' commercial determination for the PLU No. 148 including worksheets and calculations indicating that the above Wolfcamp producer should be assigned commercial producing status. In the event you are in agreement with the above recommendation, please signify your acceptance in the space provided below and return one (1) copy of this letter to the undersigned for our files. In the near future, Bass will submit for your review the first revision to the initial Wolfcamp participating area. Thank you very much, and should you have any questions or comments in the above regard, please don't hesitate to contact the undersigned at (817) 390-8671.

Very truly yours,


J. Wayne Bailey

JWB:mc

AGREED and ACCEPTED this _____ day of _____, 2001.

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

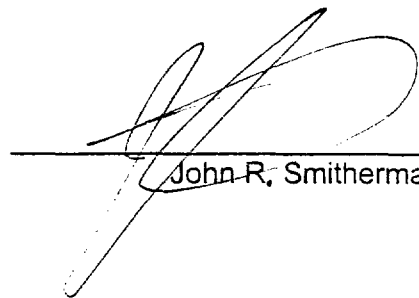
INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

November 16, 2001

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT NO. 148
BIG SINKS (WOLFCAMP)
POKER LAKE UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF, PLU148CD.XLS

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Poker Lake Unit #148 was drilled in 2001 to a TD of 13,150' and was completed in the Wolfcamp. The well is producing from perforations 12904' - 12996'.

The Poker Lake Unit No. 148 will be a commercial well and should receive a participating area. If additional information is required, please advise.



John R. Smitherman

xc: Wayne Bailey
George Hillis

JRS/KAA/ELE



**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #148 _____ FORMATION _____ WOLFCAMP _____
 LOCATION _____ H _____ UNIT, _____ 1650 _____ FEET FROM NORTH LINE & _____ 660 _____ FEET FROM EAST LINE
 SECTION _____ 32 _____ TOWNSHIP _____ 24S _____ RANGE _____ 31E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 4/28/2001 _____ COMPLETION DATE _____ 8/9/2001 _____ INITIAL PRODUCTION _____ 8/10/2001
 PERFORATIONS _____ 12904-12938', 12950-12972, 12979-12996 _____

STIMULATION:

ACID _____ Acid Frac perms w/ 7500 gals X-LINKED ACID, and 7500 gals SLICK ACID W/ 90 BALLS. _____

FRACTURE _____

POTENTIAL _____ (08/22/2001): 1 BOPD, 4558 MCFPD, & 37 BWPD _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	_____	_____	_____	_____
Porosity (por), %	_____	_____	_____	_____
Water saturation (Sw), %	_____	_____	_____	_____
Net Thickness (h), ft.	_____	_____	_____	_____
Temperature (T), Fahrenheit	_____	_____	_____	_____
Bottom Hole pressure (P), psia	_____	_____	_____	_____
Recovery factor (RF), %	_____	_____	_____	_____
Recoverable gas, MMCF *(See eq. below)	_____	_____	_____	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (Bgi) (RF)/1000$

Bgi = _____ MCF/RB

POKER LAKE UNIT #148

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>9/30/2001</u>	<u>127,925</u>	MCF Gas	<u>157</u>	BBL Oil
INITIAL RATE (qi)		<u>71,855</u>	mcf/mo		
ECONOMIC LIMIT (qi)		<u>4104</u>	mcf/mo		
HYPERBOLIC DECLINE RATE, dy		<u>n = 1.0, d = 55.5%/yr</u>			
REMAINING GAS (Q) =		<u>1,942,075</u>			
ULTIMATE RECOVERABLE GAS (mcf)		<u>2,070,000</u>			

(Attach plot showing proration unit and participating area.)

ECONOMIC

GROSS WELL COST \$ \$2,182,100 (to the depth of formation completed)

RECOMPLETION COST \$ _____

GROSS TOTAL COST \$ \$2,182,100

<u>YEAR</u>	<u>GROSS GAS MMCF</u>	<u>BFIT NET INCOME (\$M)</u>	<u>OPERATING COST (\$M) INCL SEV & AD VAL TAX</u>	<u>10% NET BFIT DISCOUNTED CASH FLOW</u>
ZERO				<u>-2,022.1</u>
1	<u>315.4</u>	<u>569.4</u>	<u>52.6</u>	<u>506.6</u>
2	<u>461.5</u>	<u>1,004.9</u>	<u>97.3</u>	<u>835.4</u>
3	<u>274.6</u>	<u>691.2</u>	<u>72.1</u>	<u>517.4</u>
4	<u>196.4</u>	<u>517.5</u>	<u>58.2</u>	<u>348.9</u>
5	<u>153.1</u>	<u>377.0</u>	<u>47.0</u>	<u>227.9</u>
6	<u>125.5</u>	<u>301.6</u>	<u>40.9</u>	<u>163.5</u>
7	<u>106.4</u>	<u>253.4</u>	<u>37.0</u>	<u>123.3</u>
8	<u>92.4</u>	<u>219.7</u>	<u>34.3</u>	<u>96.0</u>
9	<u>81.6</u>	<u>194.1</u>	<u>32.2</u>	<u>76.2</u>
10	<u>72.7</u>	<u>172.8</u>	<u>30.5</u>	<u>60.9</u>
REMAINDER	<u>190</u>	<u>452.7</u>	<u>91.9</u>	<u>127.7</u>
TOTAL	<u>2,070</u>	<u>4,754.3</u>	<u>594.0</u>	<u>1,061.7</u>

WELL IS COMMERCIAL

Submit to Appropriate District Office
Late Lease - 6 copies
Fee Lease - 5 copies
District I
1625 N. French, Hobbs, NM 88240
District II
311 South First, Artesia, NM 87210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
2040 South Pacheco
Santa Fe, NM 87505

WELL API NO.
30-015-31085
5. Indicate Type Of Lease
STATE FEE
6. State Oil & Gas Lease No.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL GAS WELL DRY OTHER _____
b. Type of Completion: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. RESVR. OTHER _____
2. Name of Operator: Bass Enterprises Production Co.
3. Address of Operator: P.O. Box 2760 Midland, TX 79702-2760
4. Well Location: Unit Letter H : 1650 Feet From The North Line and 660 Feet From The East Line
Section 32 Township 24S Range 31E NMPM Eddy County
8. Well No. 148
9. Pool name or Wildcat: Big Sinks (Wolfcamp)

10. Date Spudded: 4/29/01
11. Date T.D. Reached: 6/3/01
12. Date Compl. (Ready to Prod.): 8/9/01
13. Elevations (DF & RKB, RT, GR, etc.): 3442.3' GL, 3469.9' KB
14. Elev. Casinghead
15. Total Depth: 13,150'
16. Plug Back T.D.: 12,973'
17. If Multiple Compl. How Many Zones? Single
18. Intervals Drilled By: Rotary Tools X
19. Producing Interval(s), of this completion - Top, Bottom, Name: 12,904-996'
20. Was Directional Survey Made: Yes
21. Type Electric and Other Logs Run: PE:DN: PE:AI/ALL/MCFL: BCS
22. Was Well Cored: No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	68.54.5#	810'	17-1/2"	700 sx	N/A
9-5/8"	40#	4335'	12-1/4"	1710 sx	N/A
7"	26#	12,660'	8-3/4"	930 sx	N/A

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
4-1/2"	12,319'	13,150'	140 sx	

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2-7/8"	12,164'	12,164'

26. Perforation record (interval, size, and number): 12,904-996' - Perf w/3-3/8" scalloped gun. (92' 151 holes)
27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.
DEPTH INTERVAL: 12,904-996'
AMOUNT AND KIND MATERIAL USED: Frac w/15,000 gals slick acid.

28. PRODUCTION

Date First Production: 8/11/01
Production Method: Flowing
Well Status: Producing
Date of Test: 8/22/01
Hours Tested: 24 hours
Choke Size: 40/64"
Prod'n For Test Period: 1
Oil - Bbl.: 1
Gas - MCF: 4558
Water - Bbl.: 37
Gas - Oil Ratio: 4558
Flow Tubing Press.: 1050
Casing Pressure: 200
Calculated 24-Hour Rate: 1
Oil - Bbl.: 1
Gas - MCF: 4558
Water - Bbl.: 37
Oil Gravity - API -(Corr.):

29. Disposition of Gas (Sold, used for fuel, vented, etc.): Sales
Test Witnessed By:

30. List Attachments: C-102 Deviation Report logs

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature: Tami Wilber
Printed Name: Tami Wilber
Title: Production Clerk
Date: 9/5/01

DISTRICT I
4825 N. Fwanch 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 30-015-31085	Pool Code	Pool Name Big Sinks (Wolfcamp)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 148
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3441'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	32	24 S	31 E		1650	NORTH	660	EAST	EDDY

Bottom Hole Location If Different From Surface

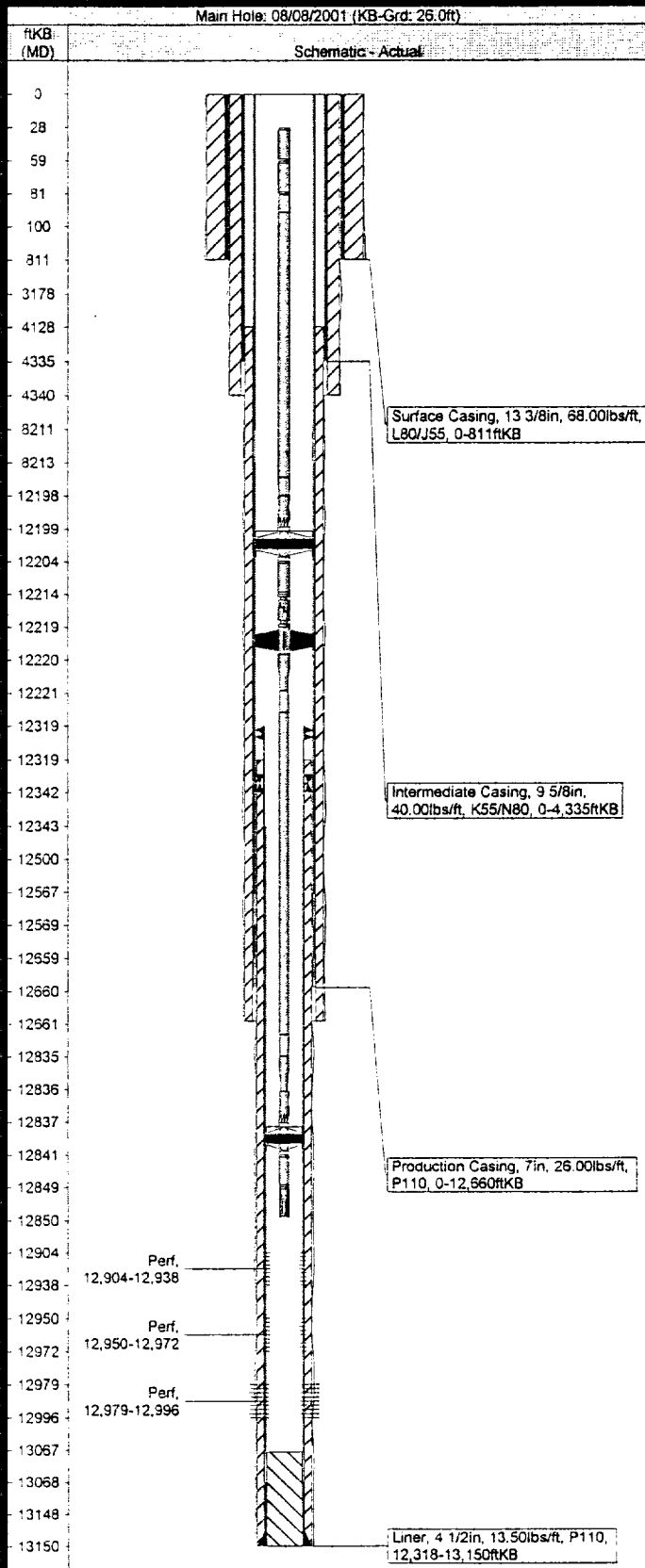
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N	C	

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

<p>LAT - N32°10'34.7" LONG - W103°47'34.0"</p>	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>9/5/01 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>March 25, 2000 Date Surveyed</p> <p>GARY L. JONES Signature & Seal of Professional Surveyor</p> <p>W.O. No. 01546 7977</p> <p>Certification No. GARY L. JONES 7977</p> <p>BASS SURVEYS</p>

Field Name Big Sinks (Wolfcamp)		County Eddy		State/Province New Mexico		Well Type		Current Well Status	
KB Elev (ft) 3467.00	Ground Elev (ft) 3441.00	Spud Date 04/28/2001	Rig Release Date 06/05/2001	Abandon Date	PBTD (ftKB) 13,067.0	Total Depth 13150	Well File Author ELE	Engineer in Charge KAA	
Surface Legal Location T: 24S,R: 31E,Sec: 32, NM,EDDY				NS Dist. (ft) 1650.0	NS Flag N	EW Dist. (ft) 660.0	EW Flag E	Comment	



Wellbores: Main Hole			
Sz (in)	Top (ftKB)	Btm (ftKB)	
17 1/2	0.0	811.0	
12 1/4	811.0	4,340.0	
8 3/4	4,340.0	12,661.0	
6 1/8	12,661.0	13,150.0	

Directional Surveys: Main Hole	
Date	Survey Company
05/25/2001	Scientific Drilling

Surface Casing, 811.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing	19	13 3/8	12.415	68.00	L80/J55	0.0	811.0	BTC

Intermediate Casing, 4,335.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing	93	9 5/8	8.830	40.00	K55/N80	0.0	4,335.0	LTC

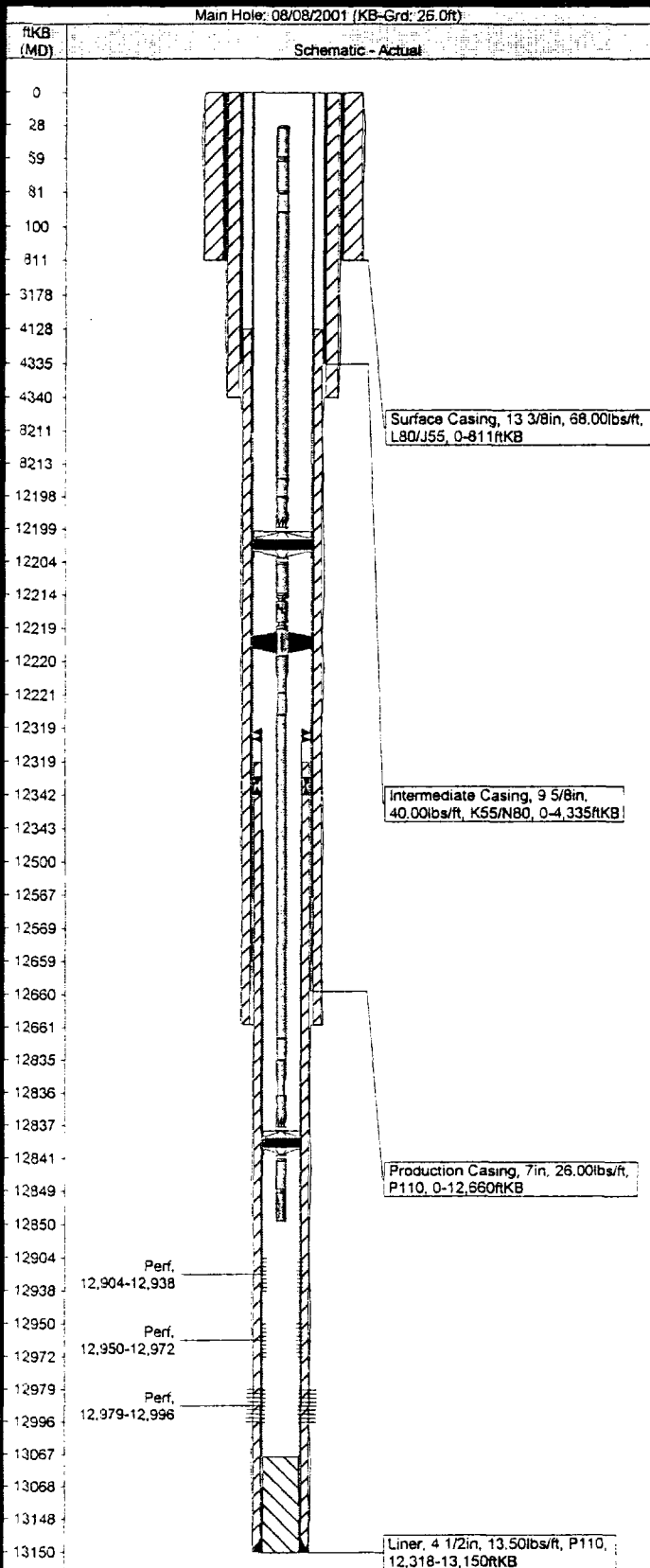
Production Casing, 12,660.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Casing	68	7	6.280	26.00	P110	0.0	3,178.0	LTC
Casing	116	7	6.280	26.00	S95	3,178.0	8,211.0	LTC
Collar	7	7	6.280			8,211.0	8,213.0	
Casing	102	7	6.280	26.00	S95	8,213.0	12,567.0	LTC
F C	7	7	6.280			12,567.0	12,569.0	
Casing	2	7	6.280	26.00	S95	12,569.0	12,659.0	LTC
F S	7	7	6.280			12,659.0	12,660.0	

Liner, 13,150.0								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top (ftKB)	Btm (ftKB)	Top Thread
Liner Hanger		4 1/2				12,318.4	12,341.5	
Cross Over		4 1/2				12,341.5	12,343.0	
Liner	18	4 1/2	3.920	13.50	P110	12,343.0	13,067.0	LTC
FC	4	4 1/2	3.920			13,067.0	13,068.2	
Liner	2	4 1/2	3.920	13.50	P110	13,068.2	13,148.2	LTC
FS	4	4 1/2	3.920			13,148.2	13,150.0	

Description	Top (ftKB)	Bottom (ftKB)	Comment
Surf Cmt	0.0	811.0	360 sxs Critical Zone, 340 sxs Premium Plus, Circ to Surf.
Inter Cmt	0.0	4,340.0	1490sxs cls "C" + 220sxs Premium Plus, CIRC
Prod Cmt	4,128.0	12,661.0	1st stage: 300 sx Premium Interfill +100 sx of Super "H"; 2nd stage: 370 sx Premium Interfill-H +Tail w/ 160 sx Super "H"; TOC by TS
Liner Cmt	12,319.0	13,150.0	140 sx Premium Plus foamed w/ nitrogen
Plug Back	13,067.0	13,150.0	

Tubing - Production set at 12,850.3 on 08/08/2001 00:00								
Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)
Tubing	1	2 7/8	2.441	6.50	L-80		27.6	59.3
Tubing	3	2 7/8	2.441	6.50	N-80		59.3	81.5

Field Name Big Sinks (Wolfcamp)		County Eddy		State/Province New Mexico		Well Type		Current Well Status	
KB Elev (ft) 3467.00	Ground Elev (ft) 3441.00	Spud Date 04/28/2001	Rig Release Date 06/05/2001	Abandon Date	PBTD (ftKB) 13,067.0	Total Depth 13150	Well File Author ELE	Engineer in Charge KAA	
Surface Legal Location T: 24S,R: 31E,Sec: 32, NM,EDDY				NS Dist (ft) 1650.0	NS Flag N	EW Dist (ft) 660.0	EW Flag E	Comment	



Item Desc	Jts	OD (in)	ID (in)	Wt (lbs/ft)	Grade	Top Thread	Top (ftKB)	Btm (ftKB)
Tubing	382	2 7/8	2.441	6.50	L-80		81.5	12,197.4
On-Off Tool		2 7/8					12,197.4	12,199.4
Packer, Baker WL		2 7/8					12,199.4	12,204.0
Tubing	1	2 7/8	2.441	6.50	P-110		12,204.0	12,214.2
Seal		2 7/8					12,214.2	12,219.5
Centralizer		2 7/8					12,219.5	12,220.3
Cross Over		2 7/8					12,220.3	12,221.1
Tubing		2 3/8	1.867	4.70	P-110		12,221.1	12,835.3
Cross Over		2 3/8					12,835.3	12,836.0
On-Off Tool		2 3/8					12,836.0	12,837.4
Packer, Baker WL		2 3/8					12,837.4	12,841.2
Tubing		2 3/8	1.867	4.70	L-80		12,841.2	12,849.4
"R" Profile Nipple		2 3/8	1.822				12,849.4	12,850.3

Perforations							
Top (ftKB)	Btm (ftKB)	Shot Dens (shots/ft)	Type	Shot Total	Date	Curr. Stat.	
12,904.0	12,938.0				96/07/02/2001 00:00		
12,950.0	12,972.0				28/07/03/2001 00:00		
12,979.0	12,996.0				32/07/03/2001 00:00		

Formations	
Hole	Main Hole
Lamar Lime, 4,315.0	
Bone Spring Lime, 8,175.0	
Bone Spring Carb, 10,390.0	
3rd Bone Spring, 11,080.0	
Wolfcamp, 11,550.0	

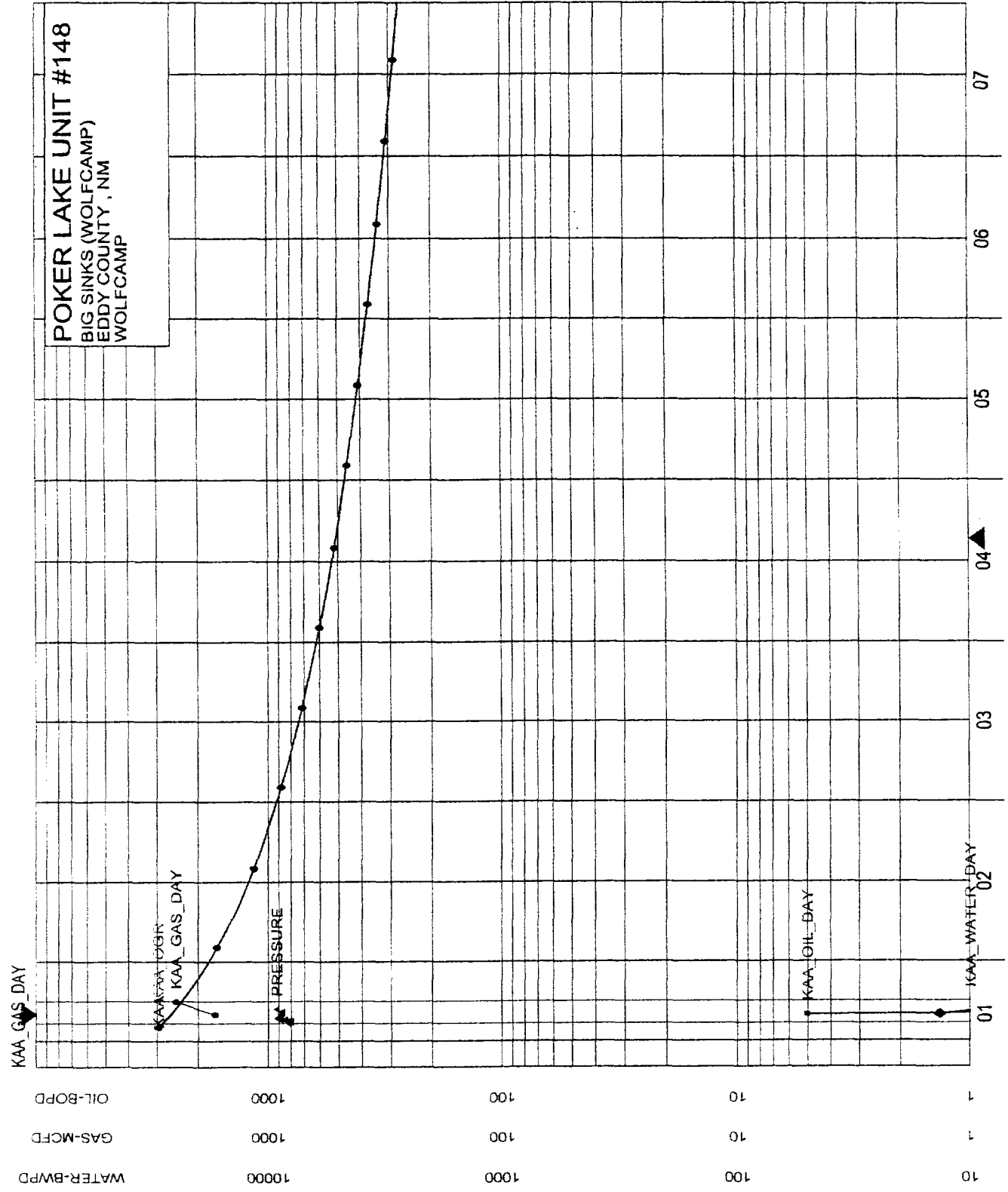
Build-Up Tests						
Date	Type	MD(meas) (ftKB)	Reservoir Pressure	Casing Pressure End	Tubing Pressure End	Comment
08/23/2001 00:00	Gauge	12,850.0	8648			7 Day Build-up
10/11/2001 00:00	Gauge	12,822.0	7895			DIP-IN

Production Tests				
Date	Des	Type	Comment	Contractor
08/13/2001	Gas Analysis			Amstrong Gas Labs
08/23/2001	7 Day BuildUp Test	Buildup		Pro Wireline

KAA_OIL_DAY
 Ref= 9/2001
 Cum= 157.0
 KAA_GAS_DAY
 Ref= 9/2001
 Cum= 52653
 Rem= 2145267
 EUR= 2197920
 Yrs= 15.748
 Qref= 2638.3
 De= 58.255609
 b= 1.010000
 Qab= 96.7
 KAA_WATER_DAY
 Ref= 9/2001
 Cum= 510.0
 KAA_OGR
 Ref= 9/2001
 Cum= 0.0
 PRESSURE
 Ref= 9/2001
 Cum= 11168.0

TP 1000 100 10 1
 BO/MM 1 0.1 0.01 0.001

POKER LAKE UNIT #148
 BIG SINKS (WOLFCAMP)
 EDDY COUNTY, NM
 WOLFCAMP



Item	3.45	3.45 \$/M	08/2003 AD	FLAT	0.00	3.450				
550 "	3.45	3.45 \$/M	08/2003 AD	FLAT	0.00	3.450				
551 "	3.50	3.50 \$/M	10/2003 AD	FLAT	0.00	3.500				
552 "	3.55	3.55 \$/M	11/2003 AD	FLAT	0.00	3.550				
553 "	3.72	3.72 \$/M	12/2003 AD	FLAT	0.00	3.720				
554 "	3.87	3.87 \$/M	01/2004 AD	FLAT	0.00	3.870				
555 "	3.93	3.93 \$/M	02/2004 AD	FLAT	0.00	3.930				
556 "	3.85	3.85 \$/M	03/2004 AD	FLAT	0.00	3.850				
557 "	3.70	3.70 \$/M	04/2004 AD	FLAT	0.00	3.700				
558 "	3.55	3.55 \$/M	06/2004 AD	FLAT	0.00	3.550				
559 "	3.61	3.61 \$/M	08/2004 AD	FLAT	0.00	3.610				
560 "	3.67	3.67 \$/M	11/2004 AD	FLAT	0.00	3.670				
561 "	3.80	3.80 \$/M	12/2004 AD	FLAT	0.00	3.800				
562 "	3.65	3.65 \$/M	03/2005 AD	FLAT	0.00	3.650				
563 "	3.45	3.45 \$/M	07/2005 AD	FLAT	0.00	3.450				
564 "	3.43	3.43 \$/M	11/2005 AD	FLAT	0.00	3.430				
565 "	3.42	3.42 \$/M	04/2006 AD	FLAT	0.00	3.420				
566 "	3.40	3.40 \$/M	10/2006 AD	FLAT	0.00	3.400				
567 "	3.38	3.38 \$/M	05/2007 AD	FLAT	0.00	3.380				
568 "	3.37	3.37 \$/M	TO LIFE	FLAT	0.00	3.370				
570 PRI/GAS	-0.4000	X \$/M	TO LIFE	PC	0.00	-0.400				
600 OPC/T	1500.00	X \$/M	TO LIFE	PC	0.00	1500.000				
602 OPC/T	0.00	X \$/M	TO LIFE	PC	0.00	1500.000				
603 STX/OIL	7.08	X %	TO LIFE	PC	0.00	0.071				
605 STX/GAS	7.93	X %	TO LIFE	PC	0.00	0.079				
606 ATX	0.10	X %	TO LIFE	PC	0.00	0.001				
608 ATX	0.00	X %	TO LIFE	PC	0.00	0.001				
705 LSE/WI	92.6690	D %	TO LIFE	FLAT	0.00	0.927				
720 NET/OIL	80.0660	D %	TO LIFE	FLAT	0.00	0.801				
740 NET/GAS	80.0660	D %	TO LIFE	FLAT	0.00	0.801				
780 LSE/NPI	0.0000	D %	TO LIFE	FLAT	0.00	0.927				
INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R		
800 DRILL	351.10	1831.00 MSG	08/2001 AD	PC	0.00	2182.100	8/2001	0	2182.1	2182.1
MISC. PARAMETERS	Item	Item	Item	-----						
250 LOSS	NO			-----						
PROJECT RUN SETTINGS										

Base Date	: 08/2001	Time Frames	: 5,48*12,619							
P.W. Date	: 08/2001	Primary PW%	: 10.0	Discount Freq.	: MO					
Report Date	: 08/2001									
Qualifiers	: Prod = KAA	Price = DEFAULT	Cost = DEFAULT	Owner	= DEFAULT					
	Title = DEFAULT	Misc = DEFAULT	Invest = DEFAULT	Overlay	= DEFAULT					

DATE : 11/08/2001
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : kaa

R E S E R V E S A N D E C O N O M I C S
AS OF DATE: 08/2001

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 S TOT AFTER TOTAL 12.8 YR

OWNERSHIP

1) WORKING INTEREST, % 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669 92.669

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

4) EQUITY INVESTMENTS 2022.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2022.1 0.0 0.0 2022.1

5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2022.1 2022.1 2022.1

OIL PHASE

8) GROSS OIL, MB 0.2 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.2 0.0 0.0 0.2

9) NET OIL, MB 0.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.1 0.0 0.0 0.1

10) OIL REVENUE, M\$ 3.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 3.4 0.0 0.0 3.4

11) OIL PRICE, \$/B 27.31 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 27.31 0.00 0.00 27.31

GAS PHASE

12) GROSS GAS, MMF 315.4 461.5 274.6 196.4 153.1 125.5 106.4 92.4 81.6 72.7 1879.6 190.4 2070.0 2070.0

13) NET GAS, MMF 252.6 369.5 219.8 157.2 122.6 100.5 85.2 74.0 65.4 58.2 1504.9 152.4 1657.4 1657.4

14) GAS REVENUE, M\$ 565.9 1004.9 691.2 517.5 377.0 301.6 253.4 219.7 194.1 172.8 4298.1 452.7 4750.8 4750.8

15) GAS PRICE, \$/MCF 2.241 2.720 3.144 3.292 3.076 3.001 2.974 2.970 2.970 2.970 2.856 2.970 2.866 2.866

ECONOMICS, M\$

19) GROSS REV. TO INTR. 569.4 1004.9 691.2 517.5 377.0 301.6 253.4 219.7 194.1 172.8 4301.5 452.7 4754.3 4754.3

20) - SEV. TAX 45.1 79.7 54.8 41.0 29.9 23.9 20.1 17.4 15.4 13.7 341.1 35.9 377.0 377.0

21) - AD VALOREM TAX 0.5 0.9 0.6 0.5 0.3 0.3 0.2 0.2 0.2 0.2 4.0 0.4 4.4 4.4

22) - OPERATING COSTS 7.0 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 16.7 157.1 55.6 212.7 212.7

23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0

28) = NET INCOME 516.8 907.6 619.1 459.3 330.0 260.7 216.4 185.4 161.9 142.3 3799.4 360.8 4160.2 4160.2

29) - INVESTMENTS & RSK 2022.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2022.1 0.0 2022.1 2022.1

30) = BFIT NET -1505.4 907.6 619.1 459.3 330.0 260.7 216.4 185.4 161.9 142.3 1777.3 360.8 2138.1 2138.1

PRESENT WORTH @ 10.00 %

31) NET INCOME 506.6 835.4 517.4 348.9 227.9 163.5 123.3 96.0 76.2 60.9 2956.1 127.7 3083.8 3083.8

32) INVESTMENTS & RISK 2022.1 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2022.1 0.0 2022.1 2022.1

33) BFIT NET -1515.5 835.4 517.4 348.9 227.9 163.5 123.3 96.0 76.2 60.9 934.0 127.7 1061.7 1061.7

34) CUM BFIT NET -1515.5 -680.1 -162.7 186.2 414.0 577.5 700.8 796.9 873.1 934.0 934.0 1061.7 1061.7 1061.7

DATE : 11/08/2001
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : kaa

A F T E R T A X E C O N O M I C S

AS OF DATE: 08/2001

PERIOD ENDING	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	12/2010	S TOT	AFTER	12.8 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	1696.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1696.8	0.0	1696.8
3) DEPRECIABLE	325.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	325.4	0.0	325.4
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	569.4	1004.9	691.2	517.5	377.0	301.6	253.4	219.7	194.1	172.8	4301.5	452.7	4754.3
5) - SEVERANCE TAX	45.1	79.7	54.8	41.0	29.9	23.9	20.1	17.4	15.4	13.7	341.1	35.9	377.0
6) - OPR. COSTS & ATX	7.5	17.6	17.3	17.2	17.0	17.0	16.9	16.9	16.9	16.8	161.0	56.0	217.1
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	97.6	68.3	47.8	33.5	23.4	16.4	11.5	8.0	5.6	3.9	316.2	9.2	325.4
12) = NET	419.2	839.3	571.3	425.9	306.6	244.3	204.9	177.4	156.3	138.3	3483.3	351.6	3834.9
13) - DEPLETION TAKEN	258.6	378.3	225.1	161.0	125.5	102.9	87.2	75.7	66.9	59.6	1540.7	156.1	1696.8
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	160.6	461.0	346.2	264.9	181.1	141.4	117.6	101.6	89.3	78.8	1942.5	195.6	2138.1
16) * TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	73.9	212.1	159.2	121.8	83.3	65.0	54.1	46.7	41.1	36.2	893.6	90.0	983.5
19) REVENUE-SEV	524.2	925.2	636.4	476.5	347.1	277.7	233.3	202.3	178.7	159.1	3960.5	416.8	4377.3
20) - OPR. COSTS & ATX	7.5	17.6	17.3	17.2	17.0	17.0	16.9	16.9	16.9	16.8	161.0	56.0	217.1
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	73.9	212.1	159.2	121.8	83.3	65.0	54.1	46.7	41.1	36.2	893.6	90.0	983.5
24) = A.F.I.T.	442.9	695.5	459.8	337.5	246.7	195.7	162.2	138.6	120.8	106.0	2905.9	270.8	3176.7
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	442.9	695.5	459.8	337.5	246.7	195.7	162.2	138.6	120.8	106.0	2905.9	270.8	3176.7
28) - INVESTMENTS & RSK	2022.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2022.1	0.0	2022.1
29) = A.F.I.T. NET	-1579.2	695.5	459.8	337.5	246.7	195.7	162.2	138.6	120.8	106.0	883.7	270.8	1154.6
PRESENT WORTH @ 10.00 %													
30) NET INCOME	434.2	637.3	383.1	255.6	169.9	122.5	92.3	71.7	56.8	45.3	2268.7	95.6	2364.3
31) INVESTMENTS & RISK	2022.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2022.1	0.0	2022.1
32) A.F.I.T. NET	-1587.9	637.3	383.1	255.6	169.9	122.5	92.3	71.7	56.8	45.3	246.5	95.6	342.1
33) CUM. A.F.I.T. NET	-1587.9	-950.6	-567.5	-311.9	-142.1	-19.6	72.7	144.4	201.2	246.5	246.5	342.1	342.1

DATE : 11/08/2001
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : kaa

E C O N O M I C I N D I C A T O R S

AS OF DATE: 08/2001

B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

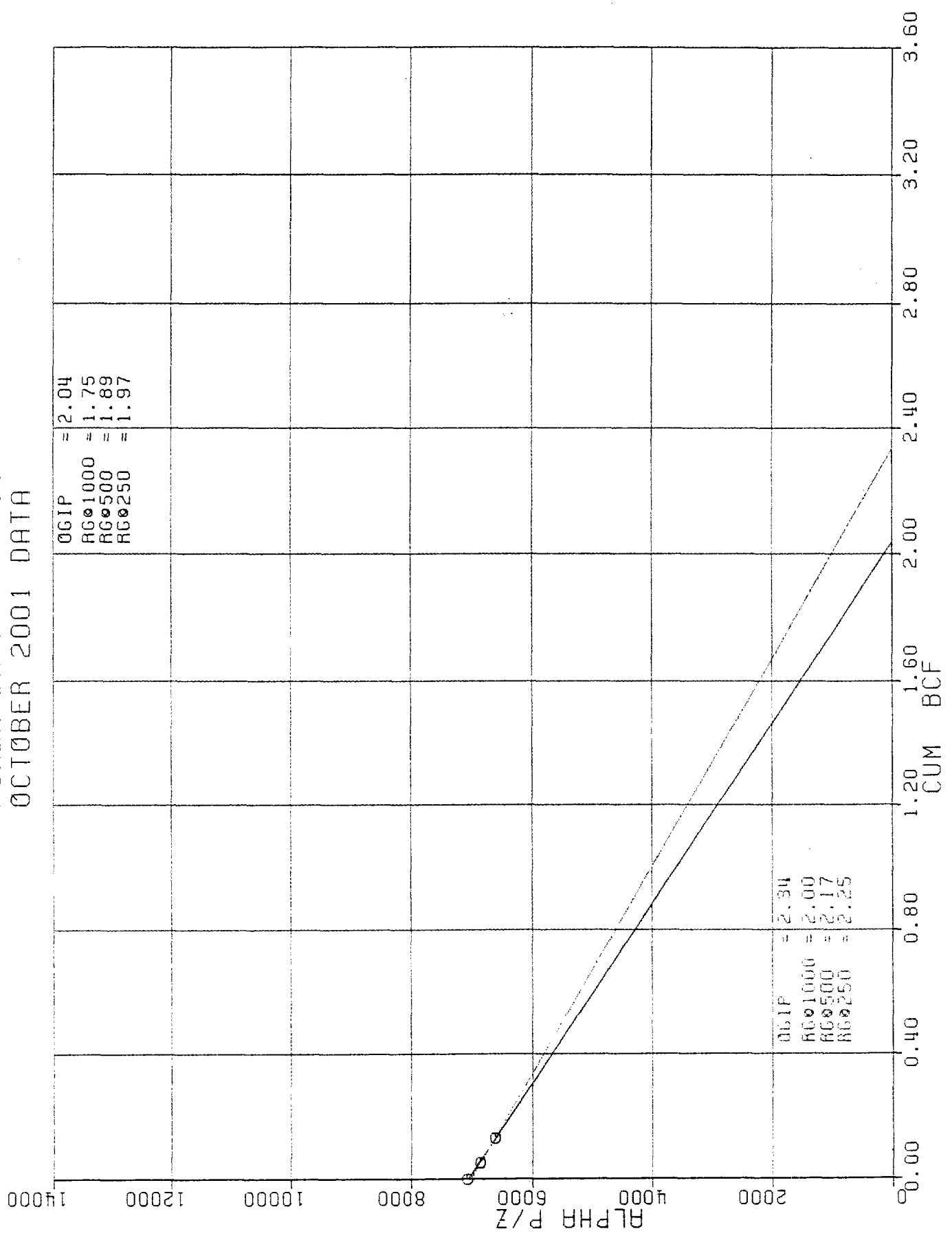
0.	2138.092	1154.570	2138.092
5.	1509.789	680.657	1117.428
10.	1061.678	342.136	519.874
15.	729.143	90.493	130.342
20.	473.842	-103.065	-142.765
25.	272.088	-256.324	-344.658
30.	108.698	-380.686	-500.038
35.	-26.394	-483.713	-623.456
40.	-140.070	-570.578	-723.998
50.	-321.171	-709.349	-878.342
60.	-459.549	-815.768	-991.765
70.	-569.188	-900.367	-1079.031
80.	-658.512	-969.502	-1148.509
90.	-732.906	-1027.243	-1205.306
100.	-795.977	-1076.322	-1252.718

RATE OF RETURN, PCT.	34.0	17.3
UNDISCOUNTED PAYOUT, YRS.	2.38	3.77
DISCOUNTED PAYOUT, YRS.	2.88	5.63
UNDISCOUNTED NET/INVEST.	2.06	1.57
DISCOUNTED NET/INVEST.	1.53	1.17

NOTES

OCT 15, 2001

POKER LAKE UNIT 148 OCTOBER 2001 DATA



OGIP = 2.04
 RG01000 = 1.75
 RG0500 = 1.89
 RG0250 = 1.97

OGIP = 2.34
 RG01000 = 2.00
 RG0500 = 2.17
 RG0250 = 2.25

**BASS ENTERPRISES PRODUCTION COMPANY
POKER LAKE UNIT (DELAWARE "C")
PARTICIPATING AREA
PROPOSED SECOND REVISION**

GEOLOGICAL ATTACHMENTS

1. Type Log: PLU No. 146 (Section 31-T23S-R30E)
2. Wireline Logs/Mudlogs: Database for 14 additional wells, including porosity, resistivity and mudlogs for producing zones.
(Also included: Well Database Key Map and tabulation reflecting database order)
3. Base Map – Existing Wells: Base map illustrating by well, the original operator, logging date, and completion date (tabulation of same attached)
4. Rw: Relationship for Rw vs. Depth
5. REVISED Structure Map: Top Lower Brushy Canyon "8A"
6. REVISED Net Pay Isopach Map: Top of Lower Brushy Canyon "8A" to Top of Bone Spring Lime—critical contour @ 40' \geq 10% porosity
7. REVISED Net Pay Isopach Map: Lower Brushy Canyon "Y" Sand—critical contour @ 5' \geq 12% porosity

INTRODUCTION

This is the proposed Second Revision to the existing Poker Lake Unit Delaware "C" Participating Area. Included within this package are revised maps as well as wireline logs and mudlogs on fourteen wells drilled since the First Revision was submitted in September of 2000. The data provided herein supplements the existing database included in the presentation of the Initial Participating Area and its First Revision.

GEOLOGICAL SETTING

The Delaware sands described in this proposal were deposited as part of the initial phase of basin filling during a sea level lowstand and occur as basin-floor submarine fan complexes. Stacked channel sequences of reservoir quality sandstones are commonly separated by thin impermeable siltstones that act as top and lateral seals. The trapping mechanism is primarily stratigraphic—related to a lateral porosity pinchout, with some subtle structural influence.

PETROPHYSICS

Based upon in-house studies and production experience from the Delaware at Poker Lake Field, James Ranch Unit and elsewhere, the Lower Brushy Canyon is oil-bearing and productive at a density porosity cut-off of $\geq 10\%$ (sandstone matrix at 2.66 gm/cc). Typically we like to see water saturations to be 65% or less. Mudlogs are considered a critical ingredient in pay recognition; hence, good drilling shows ranging from good sample shows to oil on the pits are a strong influence for predicted zone performance.

COMPLETIONS

Completions have been concentrated in the Lower Brushy Canyon sands. Perforations are typically limited to a central pay zone, commonly the "Y" sand, and then large fracture stimulations are performed. The fracture treatments are designed to communicate all reservoir sands from the top of the Lower Brushy Canyon "8A" to the top of the Bone Spring Lime. Since the Lower Brushy Canyon has been the initial completion interval to date and on its own has been commercial, it is the reservoir interval illustrated in this application. Uphole Delaware potential within the wellbores is still in the process of evaluation.

Exception to the previous statement is noted in the Poker Lake Unit No. 161 (Section 31-23S-30E), which is the most updip BEPCo. Lower Brushy Canyon Delaware completion to date. Included in the PLU No. 161 log packet is an unperforated, behind pipe probable pay interval identified as the Brushy Canyon "A". Initial production from the Lower Brushy Canyon completion has not met expectations; therefore this additional

(uphole) interval is included to provide support should "Delaware" commerciality be questioned in this borehole.

PROPOSED PARTICIPATING AREA REVISION (SECOND)

Second Revision (effective date 7/1/01)

Delaware mapping over the course of the 2001 drilling program confirmed that the productive trend recognized in Section 31-T23S-R30E extended into the south half of Section 6-T24S-R30E. Confirmation was provided by the Poker Lake Unit No. 154 (completed 7/11/01), which has produced 23 MBO and 54 MMCFPD through November 30, 2001, with an anticipated ultimate recovery of 140 MBOE.

The completion of Poker Lake Unit No. 155 (IPF 242 BOPD + 686 MCFPD) and Poker Lake Unit No. 157 (IPF 645 BOPD + 878 MCFPD) confirms the reservoir extension to the south. One and a half miles south of these wells, a deep test drilled in 1981—the Poker Lake Unit No. 49—had oil shows indicating Delaware potential in Section 17-24S-30E, supporting Delaware hydrocarbon potential trending south through Sections 7 and 8 (T24S-R30E).

Upon closer review of the 1981 and 1982 vintage gas wells Poker Lake Unit No. 49 and Poker Lake Unit No. 59 (Section 8-24S-30E), for this Second Revision proposal, it was noted the two wells require log normalization. Using the PLU No. 153 for comparison, the LDT tool consistently reads 2-3 porosity units high in the PLU No. 59. Whereas in the PLU No. 49, the LDT tool reads 1-2 porosity units low to the PLU No. 153. Adjustments were made in each of the wells to more accurately reflect the density values found in the PLU No. 153 and other field wells. It is for this reason you will notice values for these two wells have been modified in the proposed Revised Isopach maps ("Lower Brushy Canyon 8A to Bone Spring Net Sand > 10% Porosity" and "Lower Brushy Canyon 'Y' Net Sand > 12% Porosity").

Finally, please feel free to call either Simianne Hayden (817-390-8664) or George Hillis (817-390-8661) with any geological questions on this application for the Delaware "C" participating area (second revision) at Poker Lake Unit. Also, please feel free to call J. Wayne Bailey (817-390-8671) with any questions pertaining to the "commercial determinations".


George A. Hillis


Simianne C. Johnson-Hayden

WELL: Poker Lake Unit #146
FIELD: Forty-Niner Ridge (Delaware), SW
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Three Detector Litho-Density
Compensated Neutron / GR

COUNTY: Eddy
Field: Forty-Niner Ridge (Delaware), S
Location: 660' FSL & 810' FEL
Well: Poker Lake Unit #146
Company: Bass Enterprises Production Co

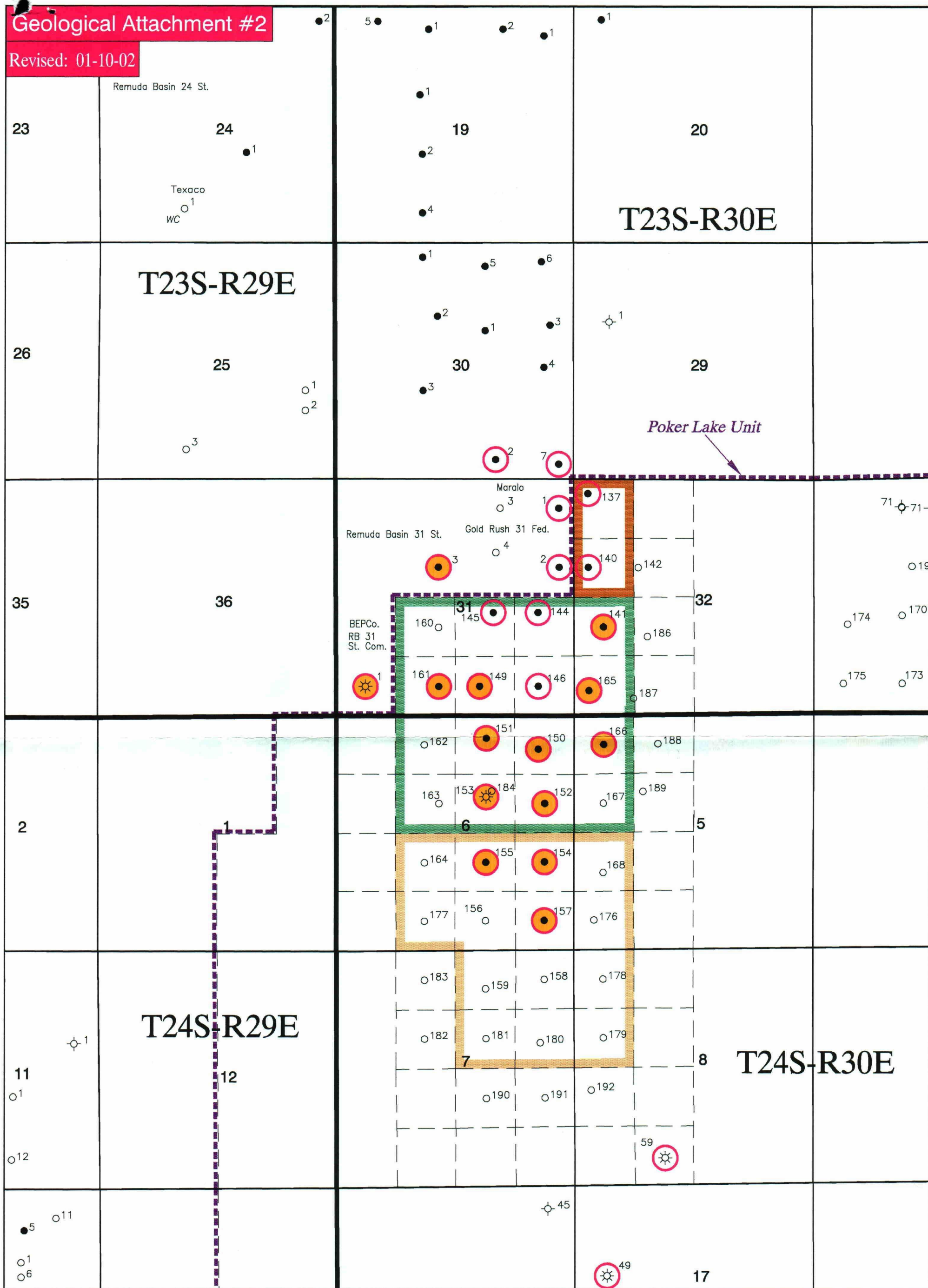
LOCATION
 660' FSL & 810' FEL
 Section 31, Township 28S, Range 30E
 Unit Letter P
 Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Bev.: KB. 3217.1 ft
 G.L. 3203.7 ft
 D.F. 3215.8 ft
 Bev.: 3203.7 ft
 13.4 ft above Perm. Datum

API Serial No. 30-015-31007
 SECTION 31
 TOWNSHIP 28S
 RANGE 30E






Logging Date	21-APR-2000	
Run Number	One	
Depth Driller	7400 ft	
Schlumberger Depth	7400 ft	
Bottom Log Interval	7382 ft	
Top Log Interval	200 ft	
Casing Driller Size @ Depth	8.625 in @ 535 ft	
Casing Schlumberger	534 ft	
Bit Size	7.875 in	
Type Fluid In Hole	Brine / Starch	
Density	10.2 lbm/gal	30 s
Fluid Loss	PH	9.5
Source Of Sample	Circulation Pft	
FM @ Measured Temperature	0.043 ohm.m	@ 85 degF
RMF @ Measured Temperature	0.032 ohm.m	@ 85 degF
RMC @ Measured Temperature	@	
Source RMF	Circulation Pft	
FM @ MRT	0.031 @ 120	0.023 @ 120
RMF @ MRT	@	
Maximum Recorded Temperatures	120 degF	@ 120
Circulation Stopped	21-APR-2000	15:00
Logger On Bottom	21-APR-2000	21:05
Unit Number	3125	Hobbs, NM

Logging Date		
Run Number		
Depth Driller		
Schlumberger Depth		
Bottom Log Interval		
Top Log Interval		
Casing Driller Size @ Depth	@	
Casing Schlumberger		
Bit Size		
Type Fluid In Hole		
Density	Viscosity	
Fluid Loss	PH	
Source Of Sample	Circulation Pft	
FM @ Measured Temperature		@
RMF @ Measured Temperature		@
RMC @ Measured Temperature	@	
Source RMF	Circulation Pft	
FM @ MRT	@	@
RMF @ MRT	@	
Maximum Recorded Temperatures		
Circulation Stopped	Time	
Logger On Bottom	Time	
Unit Number	Location	
Recorded By		
Witnessed By		

GEOLOGICAL ATTACHMENT # 1



LEGEND

-  Well Data Previously Submitted
-  Well Data Submitted for Proposed Second Revision
-  Initial PA (effective 9-9-97)
-  First Revision (effective 11-1-99)
-  Proposed Second Revision (effective 7-01-01)



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

WELL DATABASE KEY MAP
FOR DELAWARE "C" PARTICIPATING AREA

DATE: 01-10-02	INTER. BY:	SCALE: 1" = 2000'
DEPT: Geology	DRAFTED BY: PO	DWG: dlwr c key map rev1-02.dwg

WELL DATABASE KEY
For
DELAWARE "C" PARTICIPATING AREA
REVISED 01-10-02

<u>SECTION-TOWNSHIP-RANGE</u>	<u>WELL NAME / ORDER</u>
Section 30-23S-30E	Gold Rush "30" Federal No. 2 Gold Rush "30" Federal No. 7
Section 31-23S-30E	Gold Rush "31" Federal No. 1 Gold Rush "31" Federal No. 2 Remuda Basin '31' State No. 3 Poker Lake Unit No. 144 Poker Lake Unit No. 145 Poker Lake Unit No. 146 Poker Lake Unit No. 149 Poker Lake Unit No. 161 Remuda Basin '31' St. Com No. 1
Section 32-23S-30E	Poker Lake Unit No. 137 Poker Lake Unit No. 140 Poker Lake Unit No. 141 Poker Lake Unit No. 165
Section 5-24S-30E	Poker Lake Unit No. 166
Section 6-24S-30E	Poker Lake Unit No. 150 Poker Lake Unit No. 151 Poker Lake Unit No. 152 Poker Lake Unit No. 153 Poker Lake Unit No. 154 Poker Lake Unit No. 155 Poker Lake Unit No. 157
Section 8-24S-30E	Poker Lake Unit No. 59
Section 17-24S-30E	Poker Lake Unit No. 49

COMPANY: Bass Enterprises Production Co.
WELL: Poker Lake Unit #149
FIELD: Forty-Niner Ridge, SW (Delaware)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Forty-Niner Ridge, SW (Delaware)
 Location: 660' FSL & 2310' FEL
 Well: Poker Lake Unit #149
 Company: Bass Enterprises Production Co

Schlumberger PLATFORM EXPRESS Three Detector Density Compensated Neutron / GR	
LOCATION 660' FSL & 2310' FEL Section 31, Township 23S, Range 30E	ELEV.: K.B. 3219.8 ft G.L. 3205.8 ft D.F. 3218.4 ft
Permanent Datum: _____ Log Measured From: KELLY BUSHING Drilling Measured From: KELLY BUSHING	GROUND LEVEL Elev.: 3205.8 ft 12.6 ft above Perm. Datum
API Serial No. 30-015-31416	SECTION 31 TOWNSHIP 23S RANGE 30E

Logging Date	3-JAN-2001
Run Number	ONE
Depth Driller	7305 ft
Schlumberger Depth	7328 ft
Bottom Log Interval	7311 ft
Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 520 ft
Casing Schlumberger	518 ft
Bit Size	7.875 in
Type Fluid In Hole	OIL BASE
Density	9.1 lbm/gal
Fluid Loss	84 cm3
PH	10
Source Of Sample	CIRCULATION PIT
RMF @ Measured Temperature	0.160 ohm.m @ 84 degF
RMF @ Measured Temperature	0.120 ohm.m @ 84 degF
RMC @ Measured Temperature	@ @ @
Source RMF	RMC
RMF @ MRT	0.110 @ 125 0.083 @ 125
Maximum Recorded Temperature	125 degF 125 125
Circulation Stopped	3 JAN 2001 8-15
Logger On Bottom	3-JAN-2001 17:50
Unit Number	3112 HOBBS, NM
Recorded By	M. BOOMGAARDEN
Witnessed By	FRANK THOMAS

Hole Volume = 1500.94 F3
 Cement Volume = 852.82 F3 (assuming 5.50 IN casing O.D.)
 Computed from 7332.0 FT to 3404.0 FT using data channel(s) HCAL

OP System Version: 9C2-303
MCM

HILTB-CT:3 SRPC-2040-HRLT-B

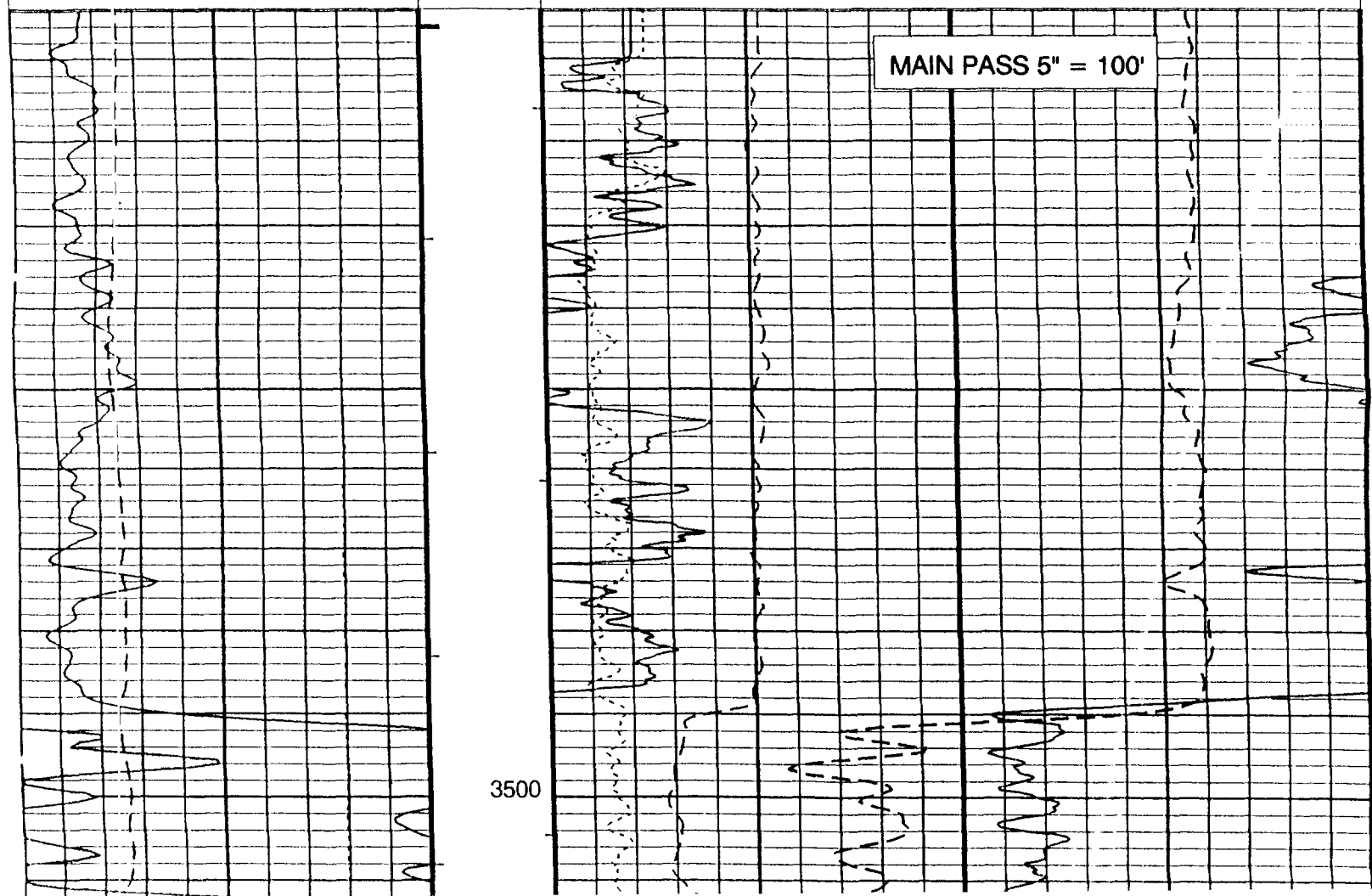
PIP SUMMARY

- ┆ Integrated Hole Volume Minor Pip Every 10 F3
- ┆ Integrated Hole Volume Major Pip Every 100 F3
- ┆ Integrated Cement Volume Minor Pip Every 10 F3
- ┆ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

Tension (TENS) (LBF)	0
Calliper (HCAL) (IN)	16
Gamma Ray (GR) (GAPI)	100
Gamma Ray Backup	

Env. Corr. Thermal Neutron Porosity (TNPH) (V/V)	-0.1
Std. Res. Formation Pe (PEFZ) (---)	10
Density Correction (HDRA) (G/C3)	0.45
Std. Res. Density Porosity (DPHZ) (V/V)	-0.1



T/8A
7000

7100

7200

60

STIMULATION

7205' - 7210'

60,922 gals. VIKING-30

180,000 # 16/30 BRADY

60,000 # CR-4000

-FR GR-

FR CNL-

PLU 149

EST. BONE SPRING

COMPANY: Bass Enterprises Production Co.
WELL: Poker Lake Unit #149
FIELD: Forty-Niner Ridge, SW (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Array Induction
Gamma Ray

660' FSL & 2310' FEL
 Section 31, Township 23S, Range 30E

Permanent Datum: _____ ELEV.: K.B. 3219.8 ft
 Log Measured From: KELLY BUSHING G.L. 3205.8 ft
 Drilling Measured From: KELLY BUSHING 12.6 ft above Perm. Datum D.F. 3218.4 ft

API Serial No. _____ SECTION 31
 30-015-31416 TOWNSHIP 23S RANGE 30E

Logging Date: 3-JAN-2001

Run Number	ONE
Depth Driller	7305 ft
Schlumberger Depth	7328 ft
Bottom Log Interval	7320 ft
Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 520 ft
Casing Schlumberger	518 ft
Bit Size	7.875 in
Type Fluid In Hole	OIL BASE
Density	9.1 lbm/gal
Fluid Loss	84 cm3
PH	10
Viscosity	45 s
Source Of Sample	CIRCULATION PIT
RM @ Measured Temperature	0.160 ohm.m @ 84 degF
RMF @ Measured Temperature	0.120 ohm.m @ 84 degF
Source RMF	RMC
RM @ MRT	CALCULATED @ 125
RMF @ MRT	0.110 @ 125 0.083 @ 125
Maximum Recorded Temperatures	125 degF @ 125
Circulation Stopped	3-JAN-2001 8-15
Logger On Bottom	3-JAN-2001 17:50
Unit Number	3112
Location	HOBBSS, NM
Recorded By	M. BOOMGAARDEN
Witnessed By	FRANK THOMAS

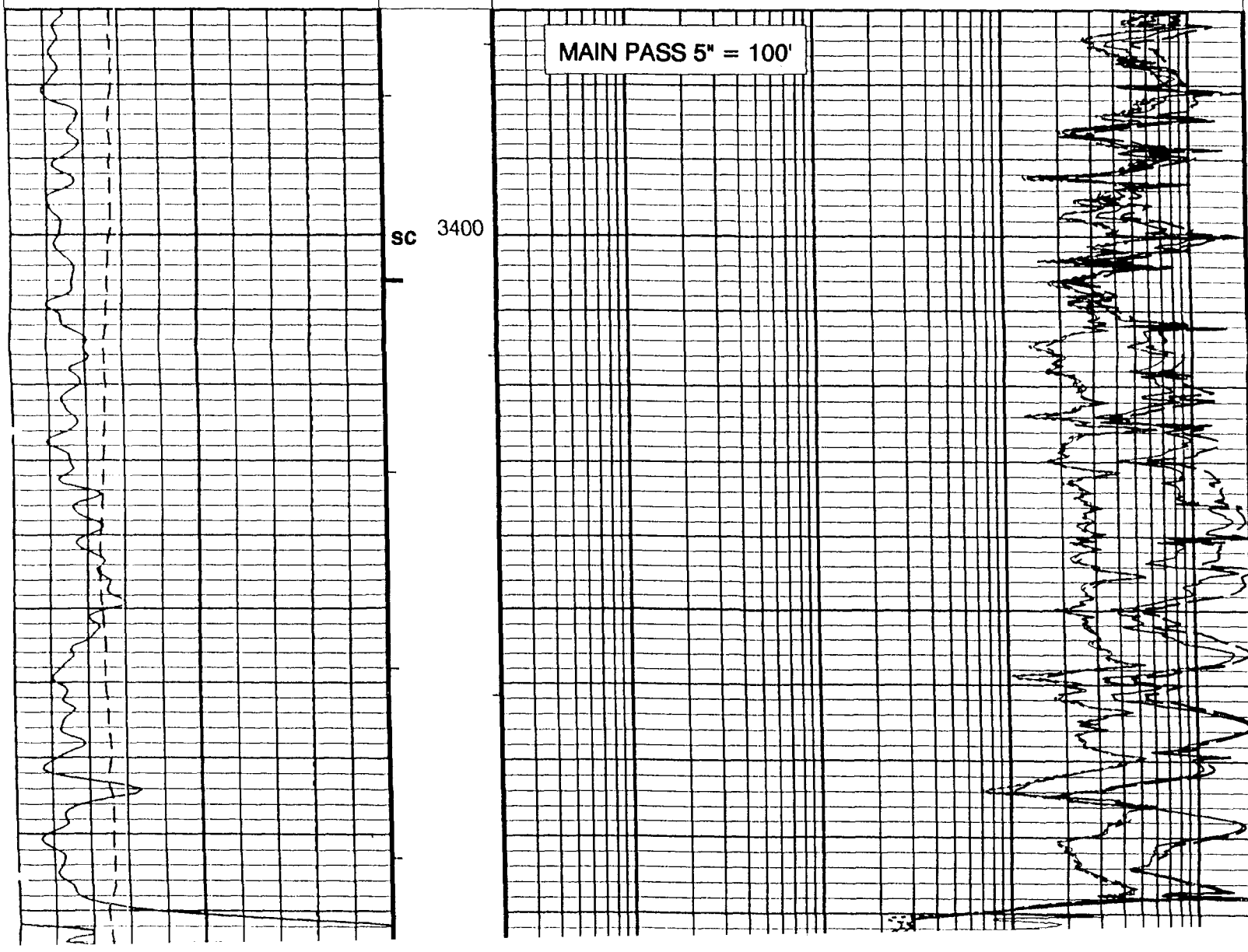
PIP SUMMARY

- ┆ Integrated Hole Volume Minor Pip Every 10 F3
- ┆ Integrated Hole Volume Major Pip Every 100 F3
- ┆ Integrated Cement Volume Minor Pip Every 10 F3
- ┆ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

AIT-H 90 Inch Investigation (AHT90)	0.2	2000
(OHMM)		
AIT-H 60 Inch Investigation (AHT60)	0.2	2000
(OHMM)		
AIT-H 30 Inch Investigation (AHT30)	0.2	2000
(OHMM)		
AIT-H 20 Inch Investigation (AHT20)	0.2	2000
(OHMM)		
AIT-H 10 Inch Investigation (AHT10)	0.2	2000
(OHMM)		

Tension (TENS)	0
(LBF)	10000
Calliper (HCAL)	16
(IN)	6
Gamma Ray (GR)	100
(GAPI)	0
Gamma Ray Backup	



T/BA
SC 7000

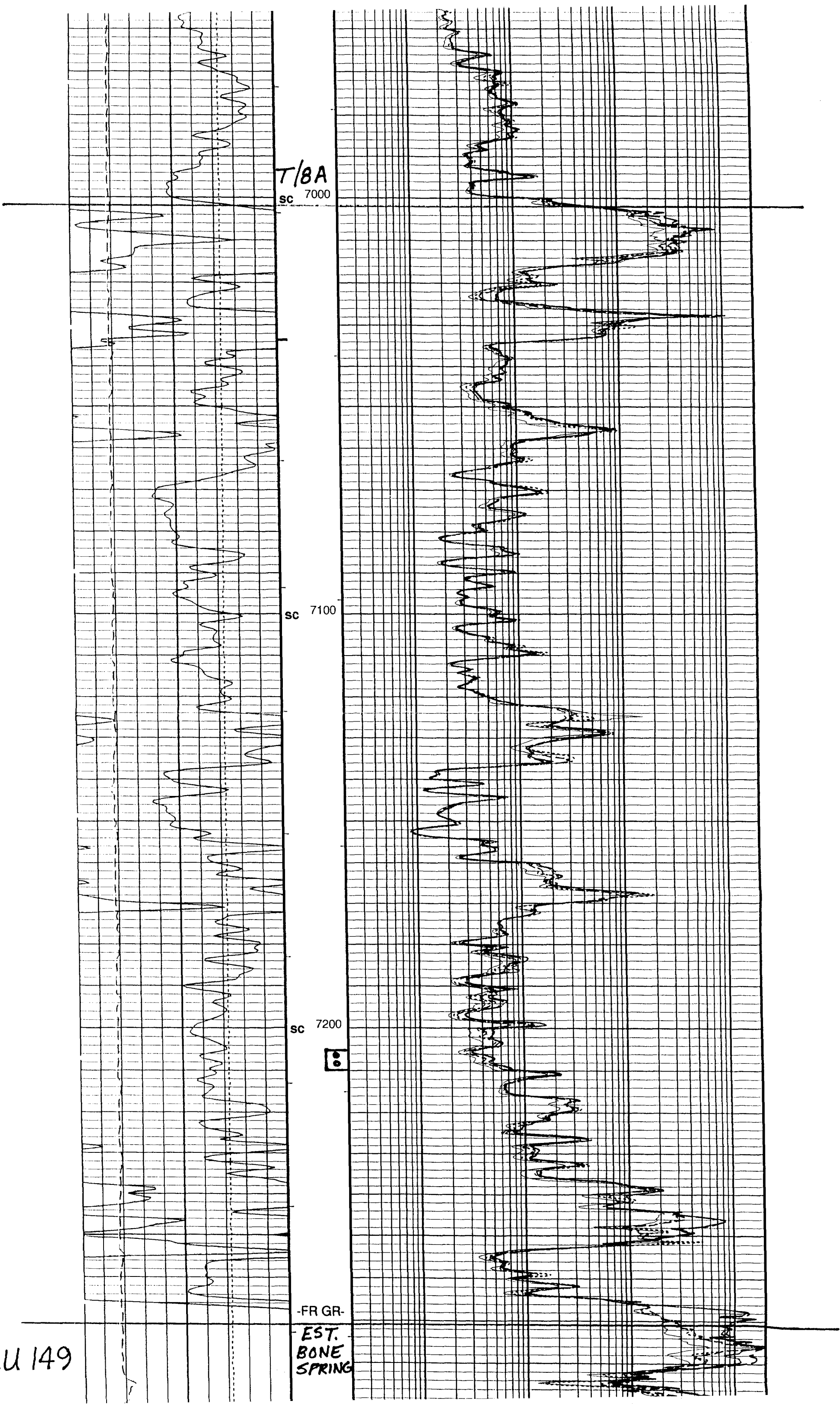
SC 7100

SC 7200



-FR GR-
EST.
BONE
SPRING













PLU 149



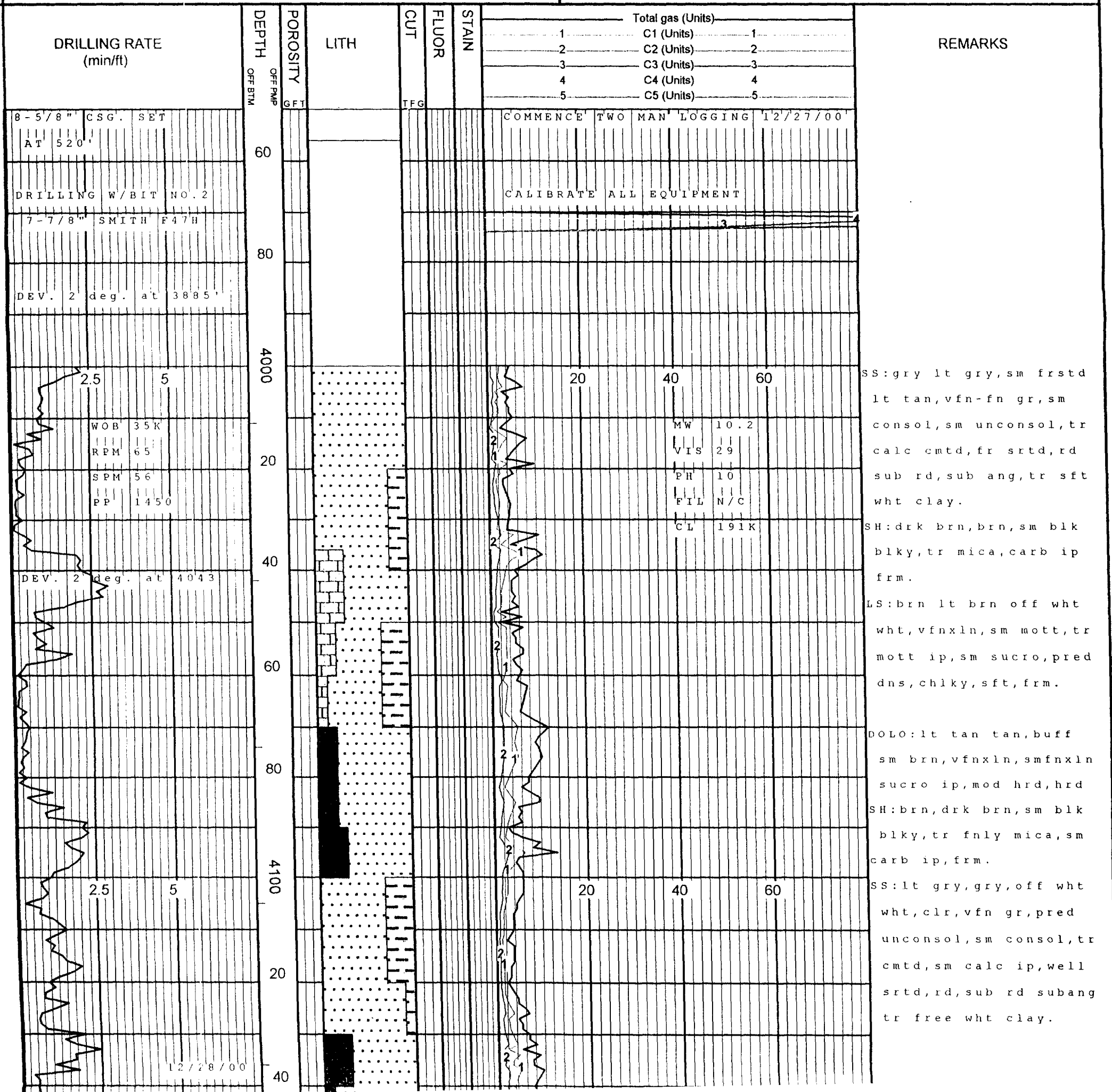
Company: BASS ENTERPRISES PROD. CO.
 Well: POKER LAKE UNIT #149
 Location: Sec: 31 Twn: 23S Rge: 30E Blk: _____
 Survey: 660' FSL & 2130' FEL API: _____
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3217.5' GL: 3205'
 Contractor: PATTERSON #141 Spud Date: _____
 Depth Logged: From: 4000' To: 7350'
 Date Logged: From: 12/27/00 To: 1/03/01
 Logger: J. MEHOLA/L. BLACKMON Unit: 20

MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

 Shale	 Limestone	 Salt
 Siltstone	 Dolomite	 Igneous
 Sandstone	 Anhydrite	 Metamorphic
 Conglomerate	 Chert	 No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component.
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour



WOB 50
RPM 60
SPM 56
PP 1450

MW 9.2
VIS 55
PH 10
FIL 88
CL 166K

gry, vfn gn xln, frm-
sft, sme chky, tr mott
tr aren

SS: lt gry, frstd, clr,
gry, vfn gn, rnd-sbrnd
pred frly cons w/
calc cmt, fr-prly srted
sme frbl

SS: lt gry, frstd, clr
gry, vfn gn, rnd-sbrnd
pred frly cons w/calc
cmt, fr-prly srted, sme
frbl, 20-30% brt yllw
fluor, fr-fst even
yllw wet cut

SS: gry, lt gry, sm frstd
ip, clr, wht, off wht
vfngr, pred titly cons
sm unconsol, well srted
abndt calc cmt, rd,

SH: brn, drk brn, sm blk
blky, sm silty, tr dull
erthy ip, carb, tr mica
sft, sm mod frm

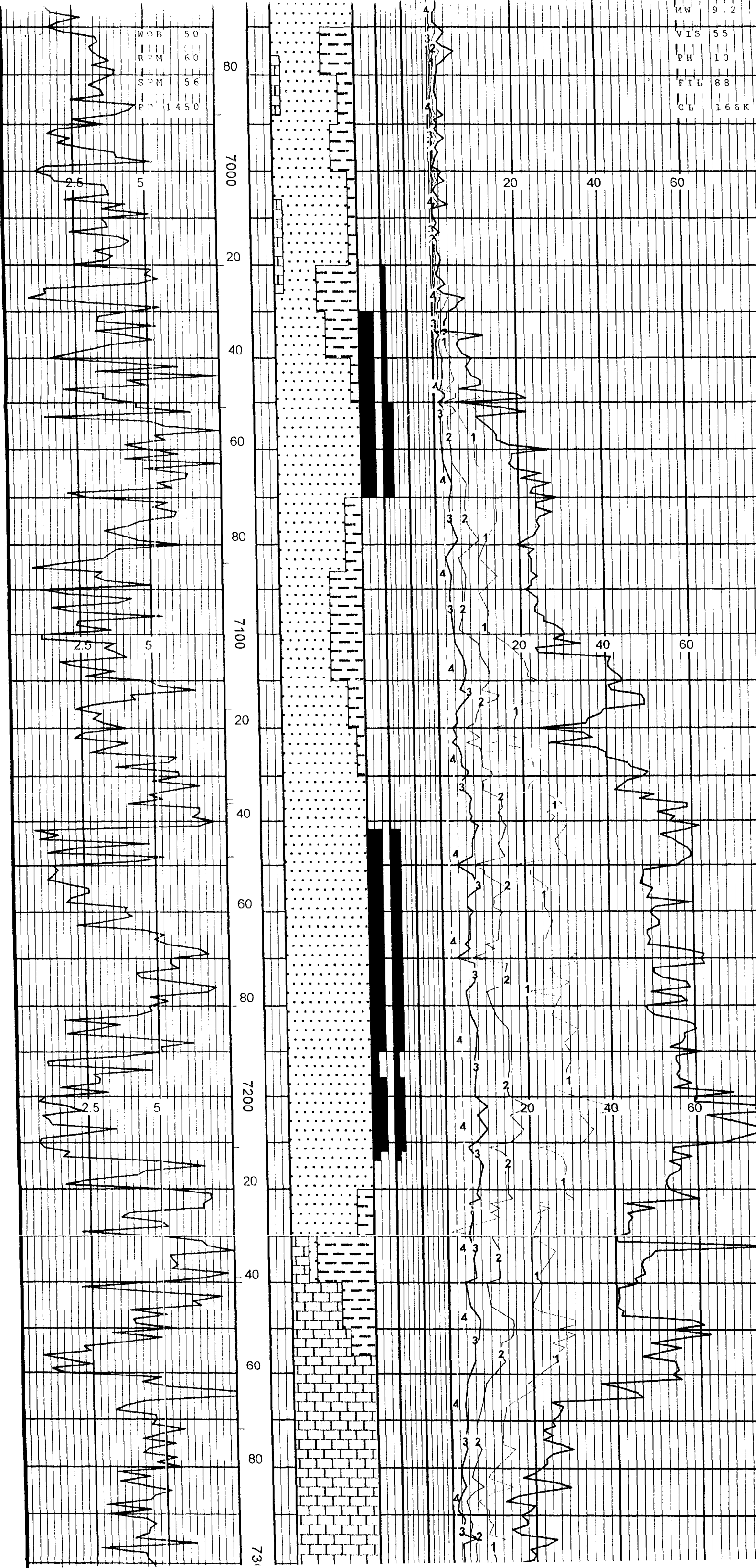
SS: gry, lt gry sm frstd
ip, wht, off wht, vfngr
pred consol, sm uncon
fr srted calc cmt, rd
sub rd 40-50% brt yel
fluor, fr fast even
mikly wet cut

SS: gry, lt gry, off wht
wht, frstd, vfngr, pred
consol, sm unconsol, fr
srted, calc cmt, rd, sub
rd, 50-60% brt yell
fluor, fr fast milky
wet cut

LS: brn lt brn, off wht,
wht, vfnxln, pred dns
sucro ip, tr mott, sm
silic ip, mod hrd, frm

LS: wht, off wht, brn, lt
brn, vfnxln, sm microxln
sucro ip, tr mott, mod
hrd, sm frm

PLU 149



RB "31" ST. #3

COMPANY: Texaco E & P Inc.
WELL: Remuda Basin '31' State. No.3
FIELD: Forty Nine
COUNTY: Eddy **STATE:** New Mexico

LOCATION: 1980'FNL & 2310'FWL
 Section 31, Township 23S, Range 30E
 Elevation: K.B. 3140 ft
 G.L. 3127 ft
 D.F. 3139 ft
 Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Elev.: 3127 ft
 13.0 ft above Perm. Datum

Logging Date: 21-DEC-2000
Run Number: One
Depth Driller: 7250 ft
Schlumberger Depth: 7250 ft
Bottom Log Interval: 7242 ft
Top Log Interval: 3342 ft
Casing Driller Size @ Depth: 8.625 in @ 3350 ft
Casing Schlumberger: 3342 ft

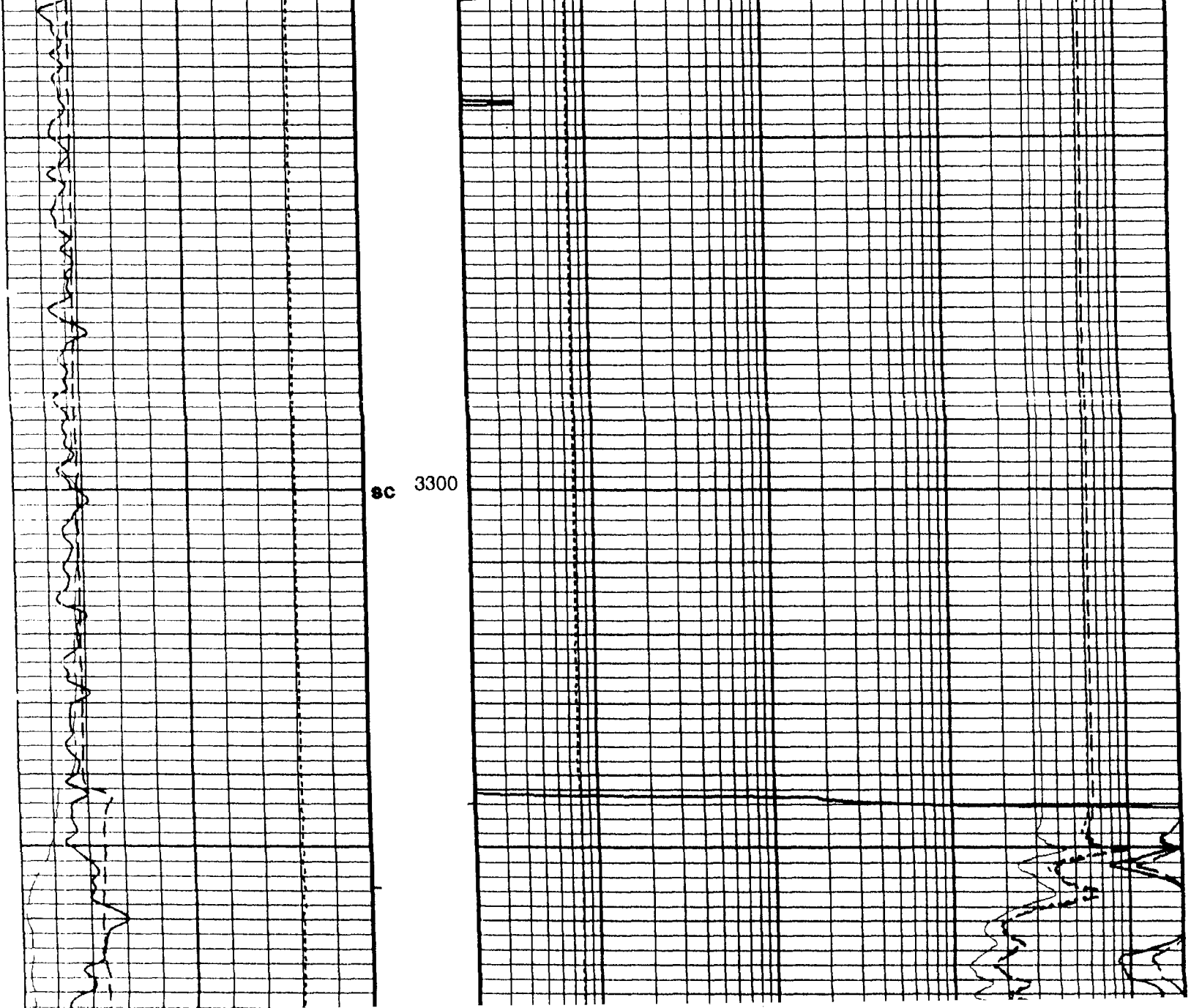
id In Hole: Fresh Water
Viscosity: 7.875 in
PH: 8.4 lbrn/gal
Of Sample: Circulation Pit
Measured Temperature: 0.275 ohm.m @ 52 degF
Measured Temperature: 0.206 ohm.m @ 52 degF
Measured Temperature: @ @
IMF: Calculated
RMF @ MFT: 0.133 @ 115 0.100 @ 115
Recorded Temperature: 115 degF
Stopped Time: 21-DEC-2000 1:00
Bottom Time: 21-DEC-2000 8:20
Location: 3112 Hobbs, N.M.
By: Olav Amundsen
J By: Mike Stewart

Schlumberger
PLATFORM EXPRESS
Array Induction Tool
Micro-CFL / Gamma Ray

Time Mark Every 60 S

0.2	Std. Res. Invaded Zone Resistivity (RXOZ) (OHMM)	2000
0.02	AIT-H Mud Full Cal (AHMF) (OHMM)	200
0.2	AIT-H 90 Inch Investigation (AHF90) (OHMM)	2000
0.2	AIT-H 60 Inch Investigation (AHF60) (OHMM)	2000
0.2	AIT-H 30 Inch Investigation (AHF30) (OHMM)	2000
0.2	AIT-H 20 Inch Investigation (AHF20) (OHMM)	2000
0.2	AIT-H 10 Inch Investigation (AHF10) (OHMM)	2000

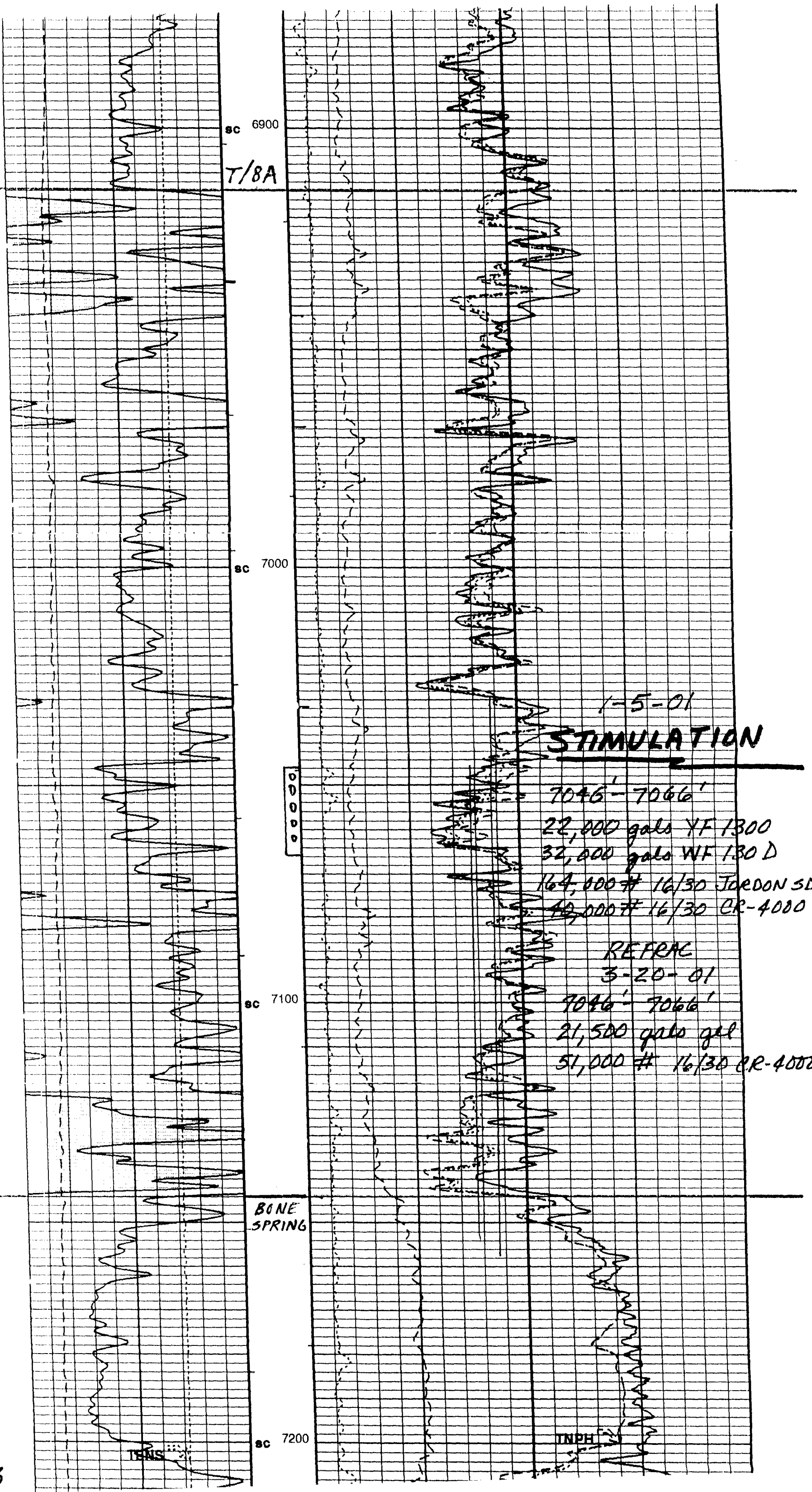
10000	Tension (TENS) (LBF)	0
6	Calliper (HCAL) (IN)	16
0	Gamma Ray (GR) (GAPI)	100
-160	SP (SP) (MV)	40
	Gamma Ray Backup	



sc 3300

"31" ST. #3

RB '31'
STATE # 3



COMPANY: Texaco E & P Inc.
WELL: Remuda Basin '31' State. No.3
FIELD: Forty Nine
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Three Detector Litho-Density / GR Compensated Neutron / GR

COUNTY: Eddy
 Field: Forty Nine
 Location: 1980'FNL & 2310'FWL
 Well: Remuda Basin '31' State. No.3
 Company: Texaco E & P Inc.

LOCATION
 1980'FNL & 2310'FWL
 Section 31, Township 23S, Range 30E
 Elev.: K.B. 3140 ft
 G.L. 3127 ft
 D.F. 3139 ft

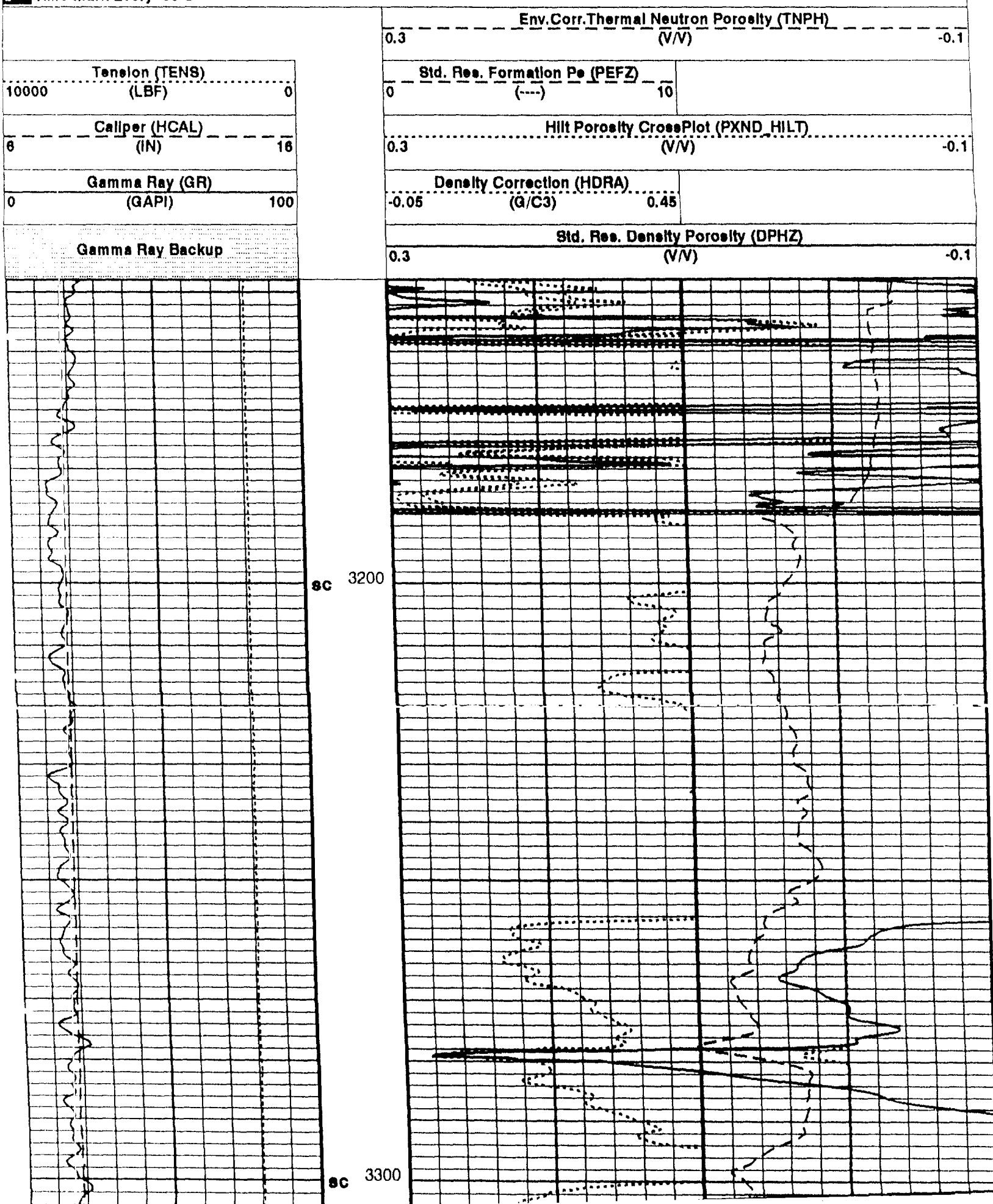
Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Elev.: 3127 ft
 13.0 ft above Perm. Datum

API Serial No. SECTION TOWNSHIP RANGE
 30-015-31402 31 23S 30E

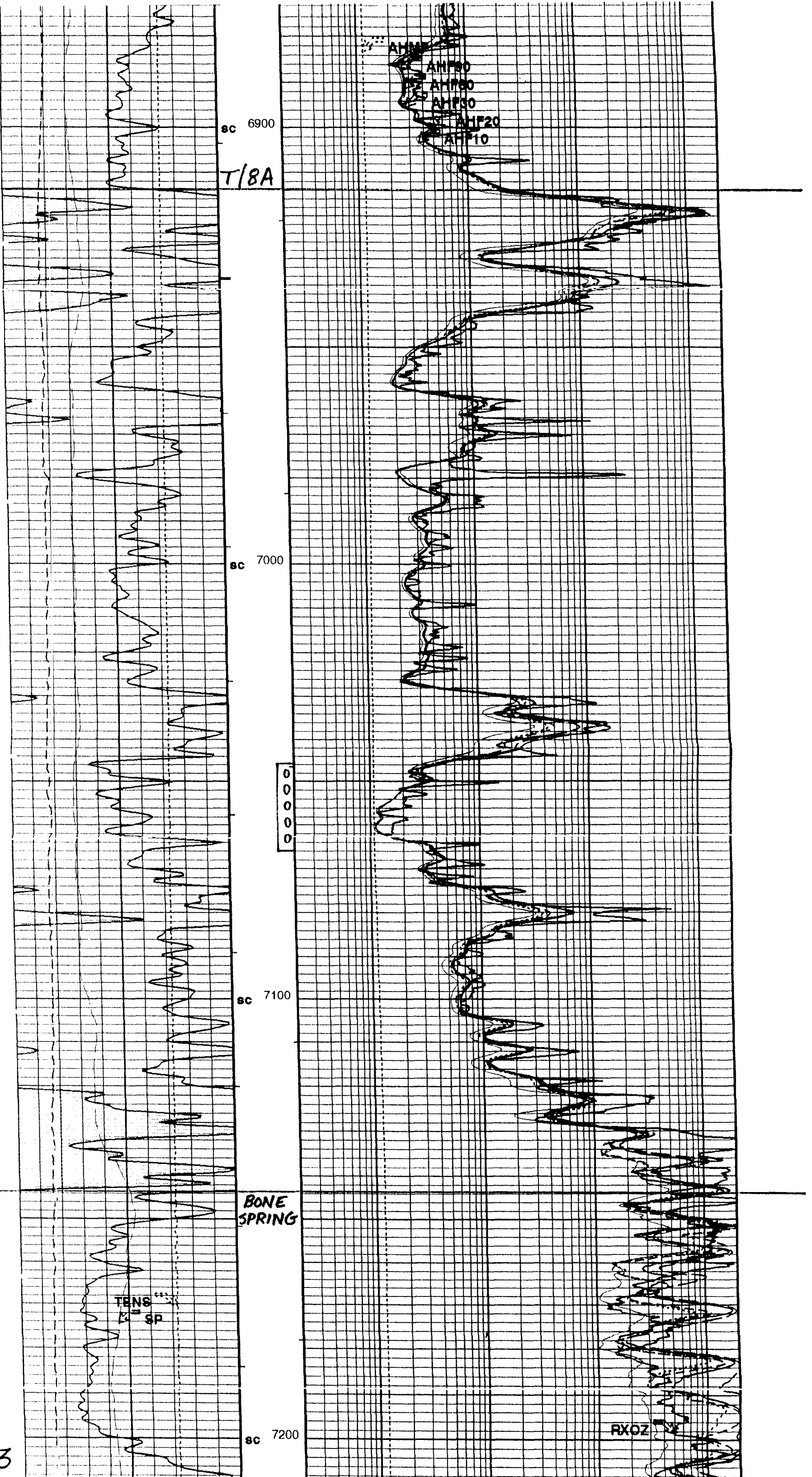
Logging Date	21-DEC-2000
Run Number	One
Depth Driller	7250 ft
Schlumberger Depth	7250 ft
Bottom Log Interval	7232 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 3350 ft
Casing Schlumberger	3342 ft
Bit Size	7.875 in
Type Fluid In Hole	Fresh Water
Density	8.4 lbm/gal
Viscosity	29 s
PH	10
Source Of Sample	Circulation Pit
RM @ Measured Temperature	0.275 ohm.m @ 52 degF
RMF @ Measured Temperature	0.206 ohm.m @ 52 degF
RMC @ Measured Temperature	@ @
Source RMF	Calculated
RM @ MRT	0.133 @ 115 @ 100 @ 115
RMF @ MRT	115 degF @ 115
Maximum Recorded Temperatures	21-DEC-2000 1:00
Circulation Stopped	21-DEC-2000 9:20
Logger On Bottom	21-DEC-2000 9:20
Unit Number	3112 Hobbs, NM
Recorded By	Olav Amundsen
Witnessed By	Mike Stewart

Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S



RB '31'
STATE # 3





P.O. Box 80531 HYDROCARBON LOGGING
MIDLAND, TX 79708 GEOLOGICAL WELLSITE CONSULTING
(915) 687-1823

COMPANY: TEXACO E&P INC.
WELL: REMUDA BASIN "31" STATE #3
FIELD: FORTY NINER RIDGE, SW
COUNTY: EDDY STATE: NM
LOCATION: 1980 FNL & 2310 FWL, SEC 31, T 23 S, R 30 E

LOGGING PERSONNEL:
FRANK LICHNOVSKY
BEN MAGEE
Unit No.: D-130
Rig: UTI #154
Filename: remuda31.log

Spud Date: 12/8/2000
Started: 12/16/2000 AT 3350'
Ended: 12/21/2000 AT 7250
API No.: 30-015-31402
G.L.: 3127'
K.B.: 3140.4'
Geologist: KIM MOORE

Abbreviations		Lithology Symbols			Gas Chromatograph Analysis	
NB...New Bit	DST...Drill Stem Test	Anhydrite	Salt	Granite	Hot Wire	
CO...Circ Out	DS...Directional Survey	Siltstone	Chert	Sandstone	C1	-----
NR...No Returns	CG...Connection Gas	Dolomite	Conglomerate	Limestone	C2	-----
TG...Trip Gas	LAT...Logged After Trip	Coal	Shale	Bentonite	C3	-----
WOB...Wt On Bit	PP...Pump Pressure	Accessories			C4	-----
RPM...Rev/Min	SPM...Strokes/Min	Glauconite	Pyrite	Fossils	Oolites	
SG...Survey Gas	DTG...Down Time Gas	Anhydritic				
Mud Data						
WT...Weight	V...Viscosity					
PH...Acidity	F...Filtrate					
CH...Chlorides						

Drilling & Mud Data	Drilling Rate Min/Ft	Vis Para	Graphic Lithology	Fluor 0 to 100%	Oil Cut tr/	Descriptions/Remarks	Hydrocarbon Analysis Log Hot Wire/Chromatograph
12/17/00	50					RIG UP TRAILER 12/16/00 8-5/8 CSG SET AT 3350 NB #5 HTC HR30C 2-12 1-BLANK.	
WOB 45K RPM 65 SPM PP 945						SCREEN OVER PIPE NO SAMPLES NO GAS	50 100 150 200 250 300 350
WT 8.5 VIS 28	3400					INSTRUMENT CALIBRATIONS HW=144 C1=328 C2=296 C3=176 ISO4=28 N4=40	
						SH: DK GY GY BLK VF/F SILTY TXT EARTHY CALC CARB W/ VF MICA	
						LS: LT GY GY DK GY SUCC SM F/M XLN FIRM ARG. TR FLUOR	
	50					SH GY DK GY BLK VF/F SILTY TXT EARTHY CALC CARB W/ VF MICA NO FLUOR	

DS @
6881'
1-1/2 DEG

WOB 55K
RPM 60
SPM 101
PP 1150

WT 8.4
VIS 29
PH 10

WOB 55K
RPM 60
SPM 101
PP 1225

WT 8.5
VIS 29
PH 10

6900

50

7000

1 2 3 4 5

50

7100

50

7200

1 2 3 4 5

RB '31'
STATE # 3

SH DK BRN MED BRN BRN
VF PYR VF MICA GRITTY
SILTY FIRM CARB NO
FLUOR

SS: CLEAR TRANSLUCENT
VF GRAINED SUB ANG-SUB
RND W SORT UNCONSOL
FRIA CALC MATX TR
FLUOR

SS: CLEAR TRANSLUCENT
VF GRAINED SUB ANG-
SUB RND W SORT UN-
CONSOL FRIA CALC MATX
NO FLUOR

SH DK BRN MED BRN BRN
VF PYR VF MICA GRITTY
SILTY FIRM CARB NO
FLUOR

SS: CLEAR TRANSLUCENT
VF GRAINED SUB ANG-SUB
RND W SORT FRIA CALC
MATRIX YEL FLUOR
POOR CUT V LT ORG RES
RING

SH: DK BRN MED BRNBRN
TR PYR TR VF MICA
GRITTY SILTY FIRM
CARB 10% ORG FLUOR

LS: BRN MED BRN MICRO
XLN HARD ARG NO FLUOR

LS LT BRN MED BRN BUFF
MICRO XLN HARD NO
FLUOR

LS; LT BRN BUFF DK TAN
MICRO XLN HARD DNS NO
FLUOR

SH: DK BRN MED BRN BRN
VF PYR VF MICA GRITTY
SILTY FIRM CARB NO
FLUOR

LS: LT BRN BUFF DK TAN
MICRO XLN HARD DNS NO
FLUOR

250 500 750 1k 1.25k 1.5k 1.7

250 500 750 1k 1.25k 1.5k

PLU #161

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #161

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 660'FLS & 2310'FWL
 Well: Poker Lake Unit #161
 Company: Bass Enterprises Production Co

Schlumberger		PLATFORM EXPRESS	
Three Detector Litho-Density Compensated Neutron / GR			
660'FLS & 2310'FWL	Elev.: K.B. 3212.1 ft		
Section 31, Township 23S, Range 30E	G.L. 3198.8 ft		
	D.F. 3211.1 ft		
Permanent Datum:	Ground Level	Elev.: 3198.8 ft	
Log Measured From: Kelly Bushing		13.3 ft above Perm. Datum	
Drilling Measured From: Kelly Bushing			
API Serial No. 30-015-31318	SECTION 31	TOWNSHIP 23S	RANGE 30E

Logging Date	16-SEP-2001
Run Number	One
Depth Driller	7370 ft
Schlumberger Depth	7374 ft
Bottom Log Interval	7356 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 517 ft
Casing Schlumberger	517 ft
Bit Size	7.875 in
Type Fluid In Hole	Oil / Brine Emulsion
Density	9 lbm/gal
Fluid Loss	PH 11
Source Of Sample	Circulation Pit
RM @ Measured Temperature	0.150 ohm.m @ 92 degF
RMF @ Measured Temperature	0.110 ohm.m @ 92 degF
RM @ Measured Temperature	Calculated @
Source RMF	RMC
RM @ MRT	0.115 @ 122 @ 0.084 @ 122
Maximum Recorded Temperature	115 degF
Circulation Stopped	16-SEP-2001 1:00
Logger On Bottom	16-SEP-2001 09:00
Unit Number	3112 Hobbs, NM
By	Olav Amundsen
By	Simianne Hayden

#161

Integrated Hole/Cement Volume Summary

Hole Volume = 3531.40 F3
 Cement Volume = 2400.02 F3 (assuming 5.50 IN casing O.D.)
 Computed from 7374.0 FT to 517.0 FT using data channel(s) HCAL

OP System Version: 9C1-303 MCM

HILTB-FTB SRPCWX-1463 DTC-H OP91-kp2

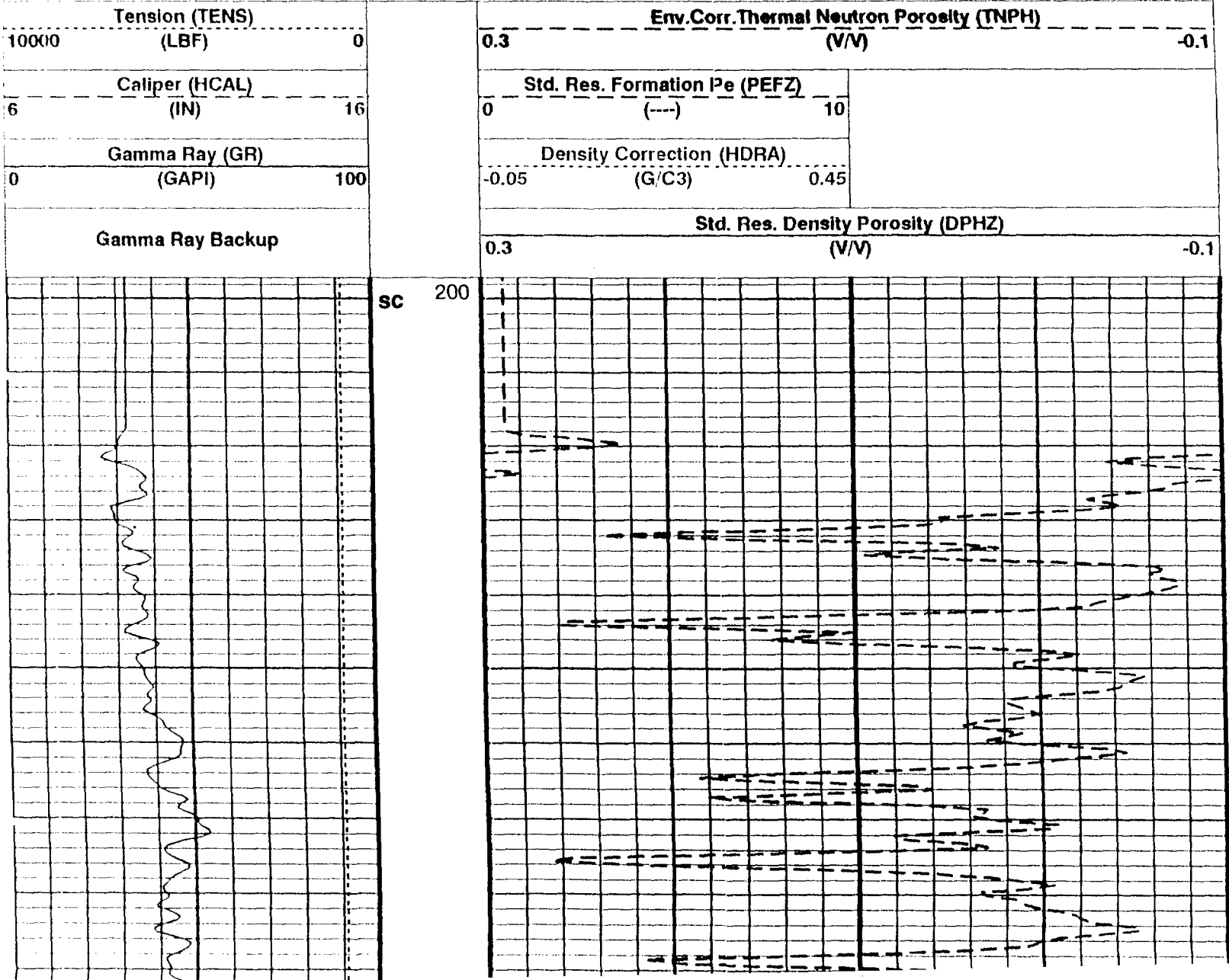
Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	514.4 11:59:04

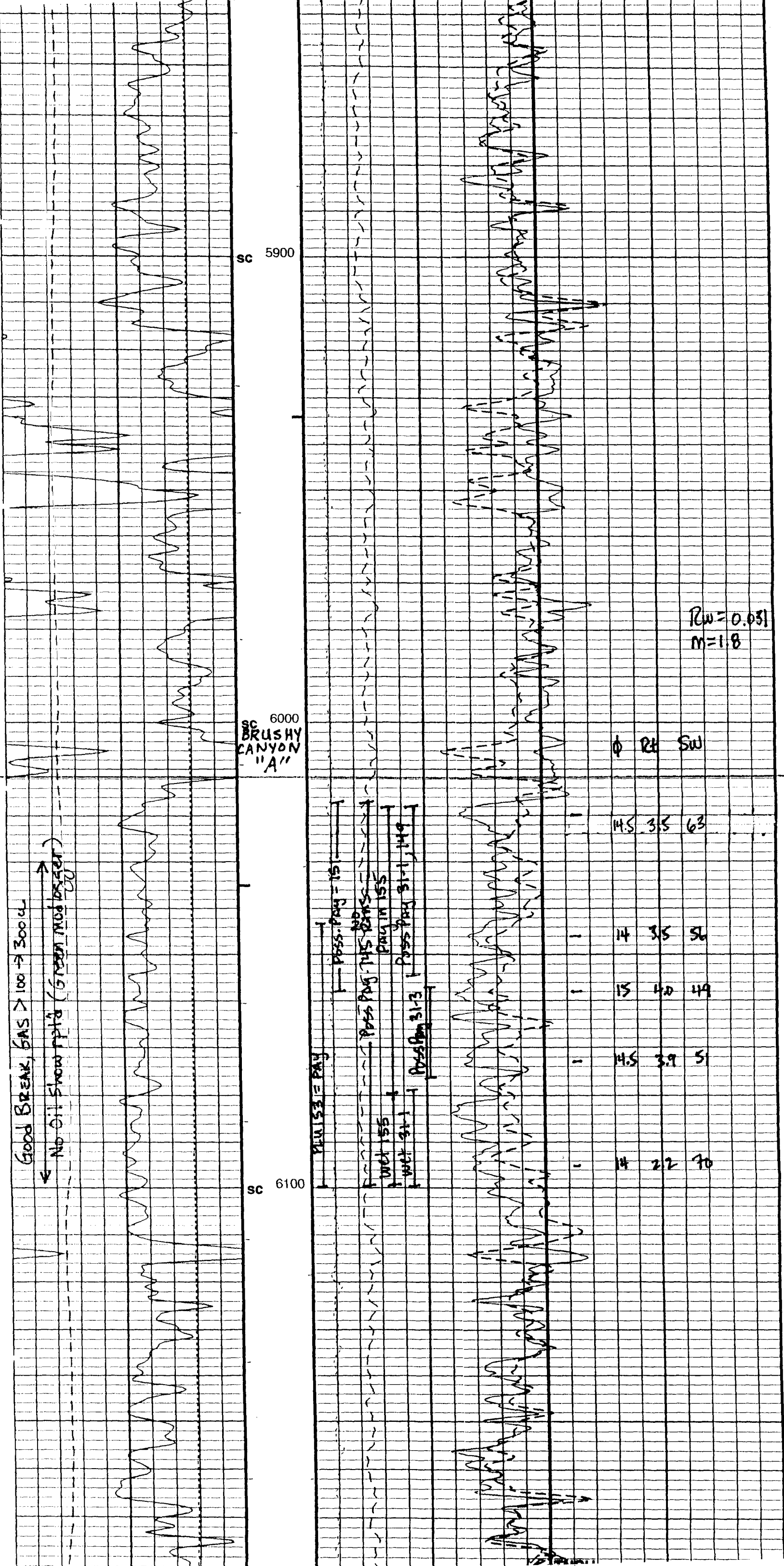
PIP SUMMARY

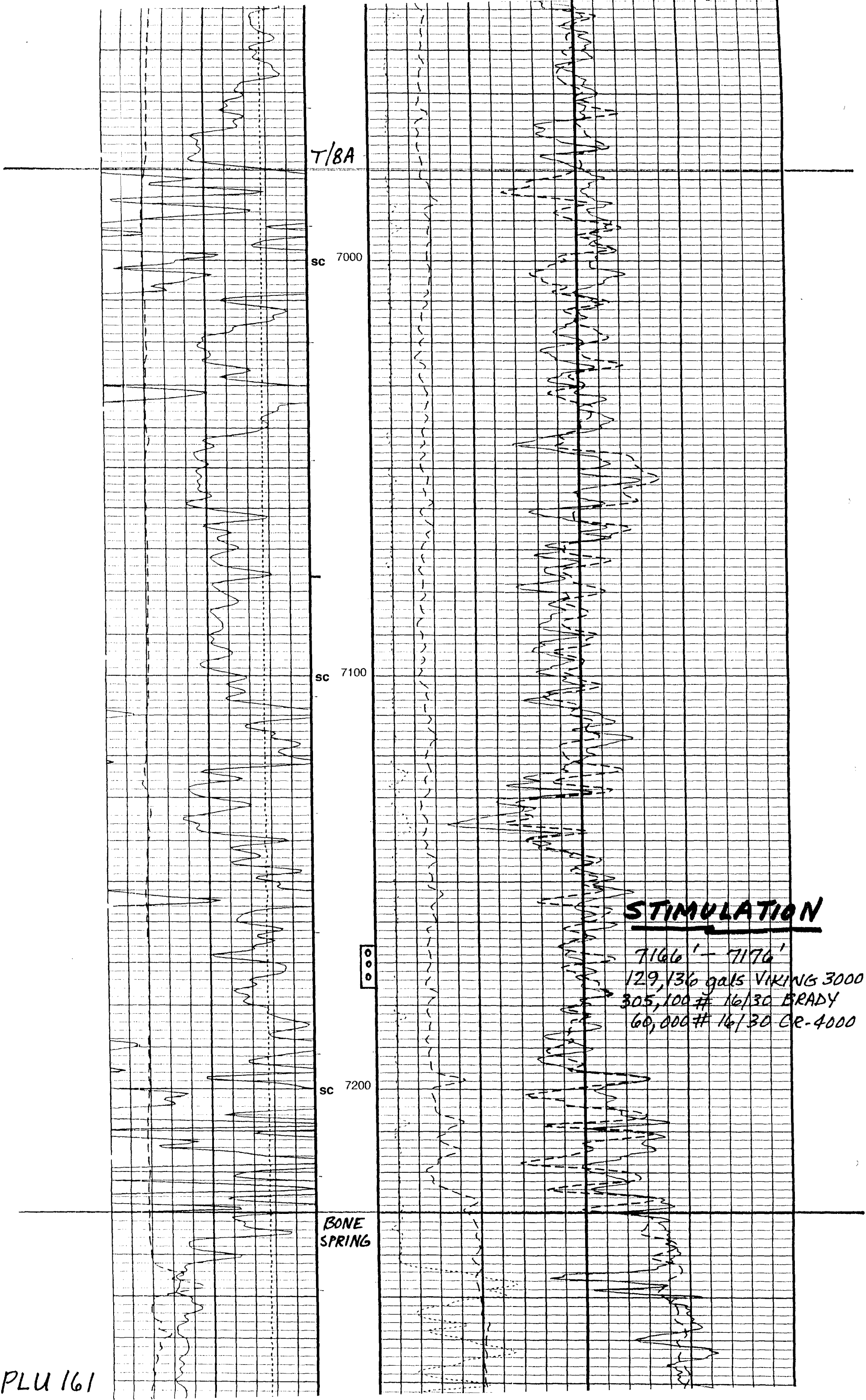
- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- ┌ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S



PLU 161





PLU 161

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #161
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Array Induction Tool
Micro-CFL / Gamma Ray

660'FLS & 2310'FWL
 Section 31, Township 23S, Range 30E
 Elev.: K.B. 3212.1 ft
 G.L. 3198.8 ft
 D.F. 3211.1 ft

Permanent Datum: _____ Ground Level _____
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: 3198.8 ft
 13.3 ft above Perm. Datum

API Serial No. 30-015-31318 SECTION 31 TOWNSHIP 23S RANGE 30E
 Logging Date 16-SEP-2001

Run Number	One
Depth Driller	7370 ft
Schlumberger Depth	7374 ft
Bottom Log Interval	7366 ft
Top Log Interval	3300 ft
Casing Driller Size @ Depth	8.625 in @ 517 ft
Casing Schlumberger	517 ft
Bit Size	7.875 in
Type Fluid In Hole	Oil / Brine Emulsion
Density	9 lbm/gal
Fluid Loss	42 s
PH	11
Source Of Sample	Circulation Pit
RM @ Measured Temperature	0.150 ohm.m @ 92 degF
RMF @ Measured Temperature	0.110 ohm.m @ 92 degF
Source RMF	Calculated
RM @ MRT	0.115 @ 122 0.084 @ 122
Maximum Recorded Temperature	115 degF
Circulation Stopped	16-SEP-2001 1:00
Logger On Bottom	16-SEP-2001 09:00
Unit Number	3112 Hobbs, NM
Recorded By	Olav Amundsen
Witnessed By	Simianne Hayden

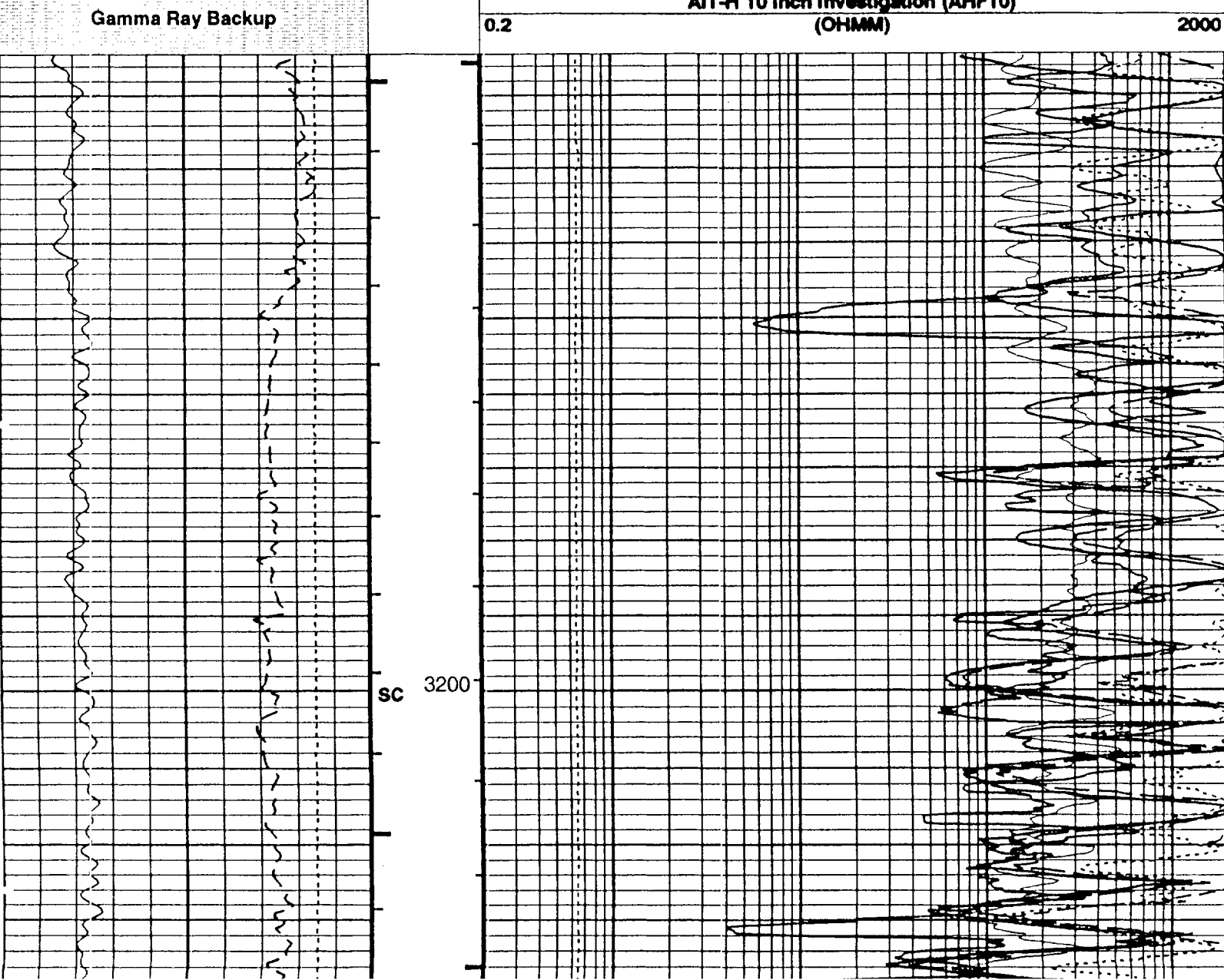
PIP SUMMARY

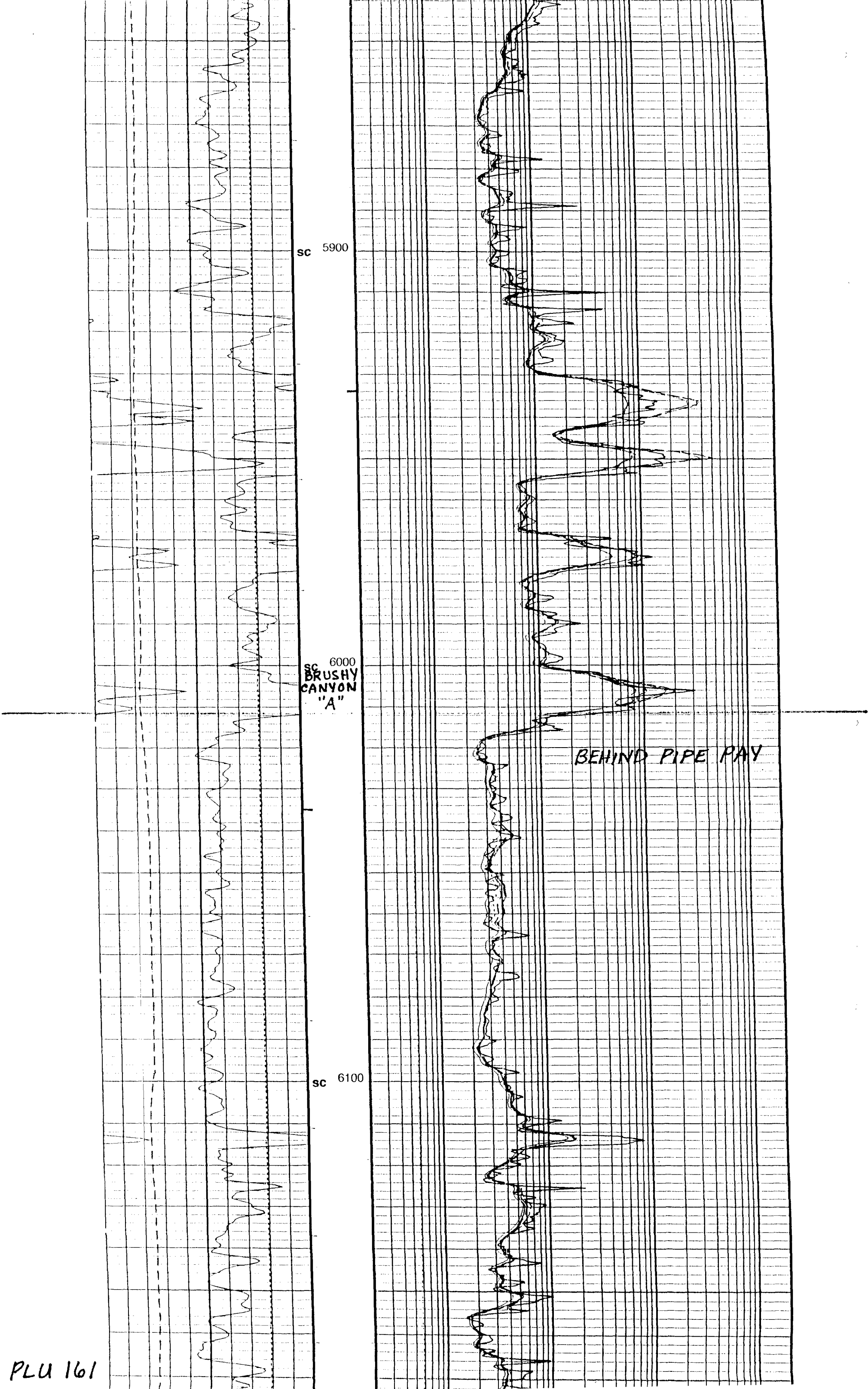
- ┆ Integrated Hole Volume Minor Pip Every 10 F3
- ┆ Integrated Hole Volume Major Pip Every 100 F3
- ┆ Integrated Cement Volume Minor Pip Every 10 F3
- ┆ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

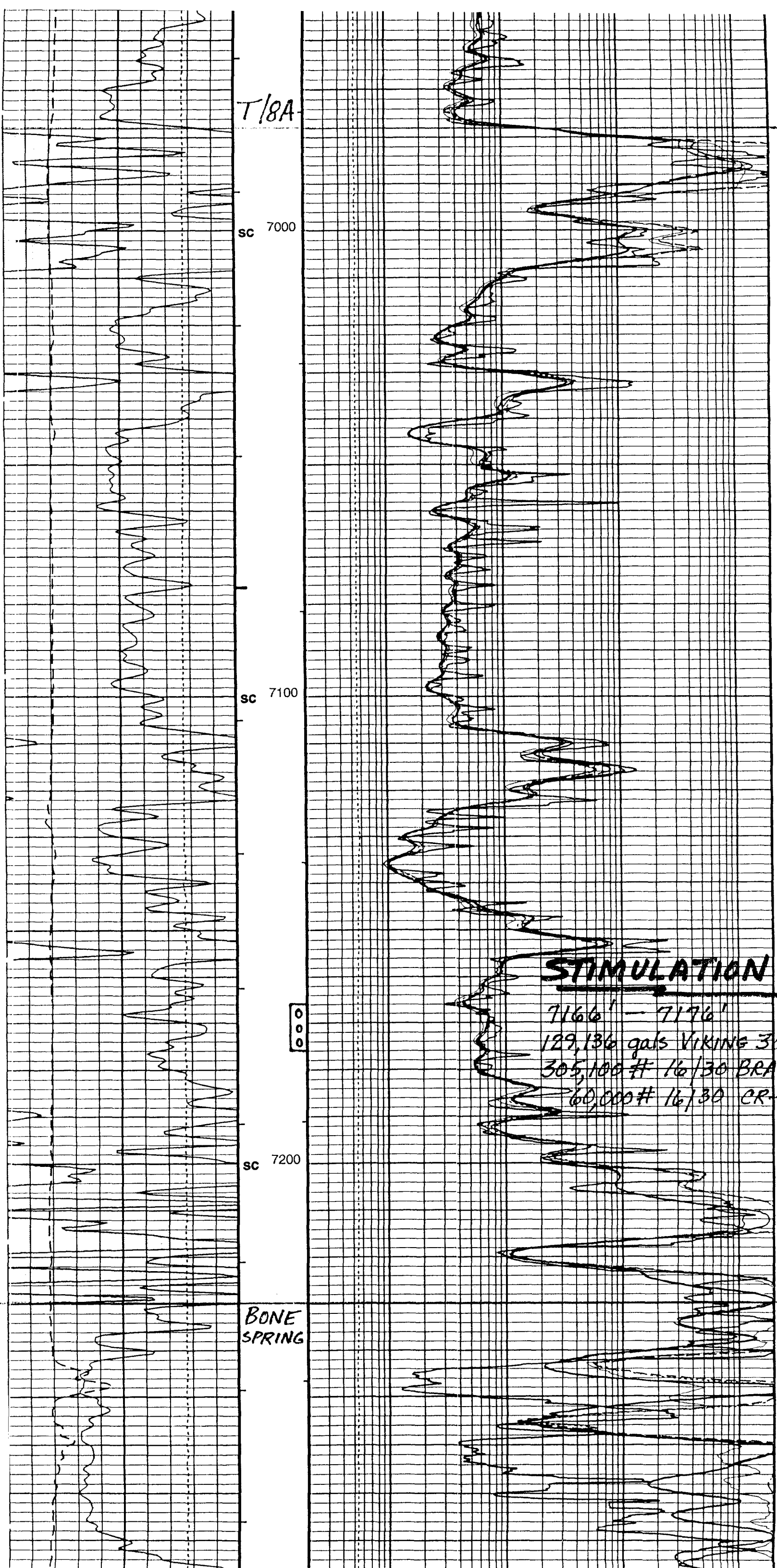
MAIN PASS 5" = 100'	
Std. Res. Invaded Zone Resistivity (RXOZ)	
0.2	(OHMM) 2000
AIT-H Mud Full Cal (AHMF)	
0.02	(OHMM) 200
AIT-H 90 Inch Investigation (AHF90)	
0.2	(OHMM) 2000
AIT-H 60 Inch Investigation (AHF60)	
0.2	(OHMM) 2000
AIT-H 30 Inch Investigation (AHF30)	
0.2	(OHMM) 2000
AIT-H 20 Inch Investigation (AHF20)	
0.2	(OHMM) 2000
AIT-H 10 Inch Investigation (AHF10)	
0.2	(OHMM) 2000

Tension (TENS)	0
(LBF)	10000
Caliper (HCAL)	16
(IN)	6
Gamma Ray (GR)	100
(GAPI)	0





PLU 161



T/8A

sc 7000

sc 7100

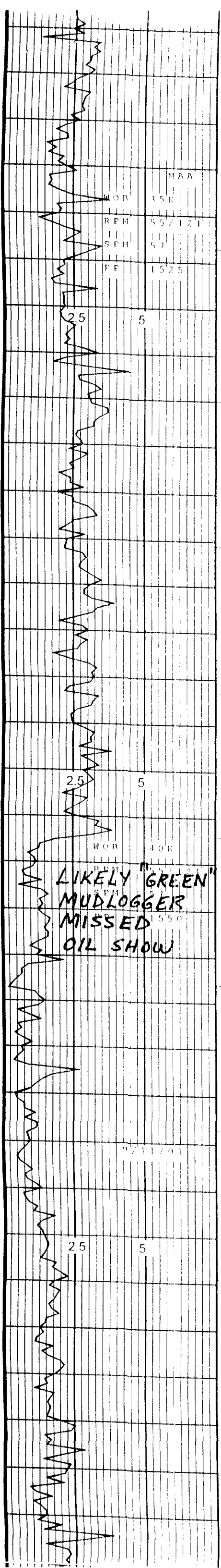
000

sc 7200

BONE SPRING

STIMULATION

7166' - 7196'
129,136 gals VIKING 3000
305,100# 16/30 BRADY
60,000# 16/30 CR-4000



MAA
 TOR 35R
 RPM 55/121
 SPM 57
 FF 1525

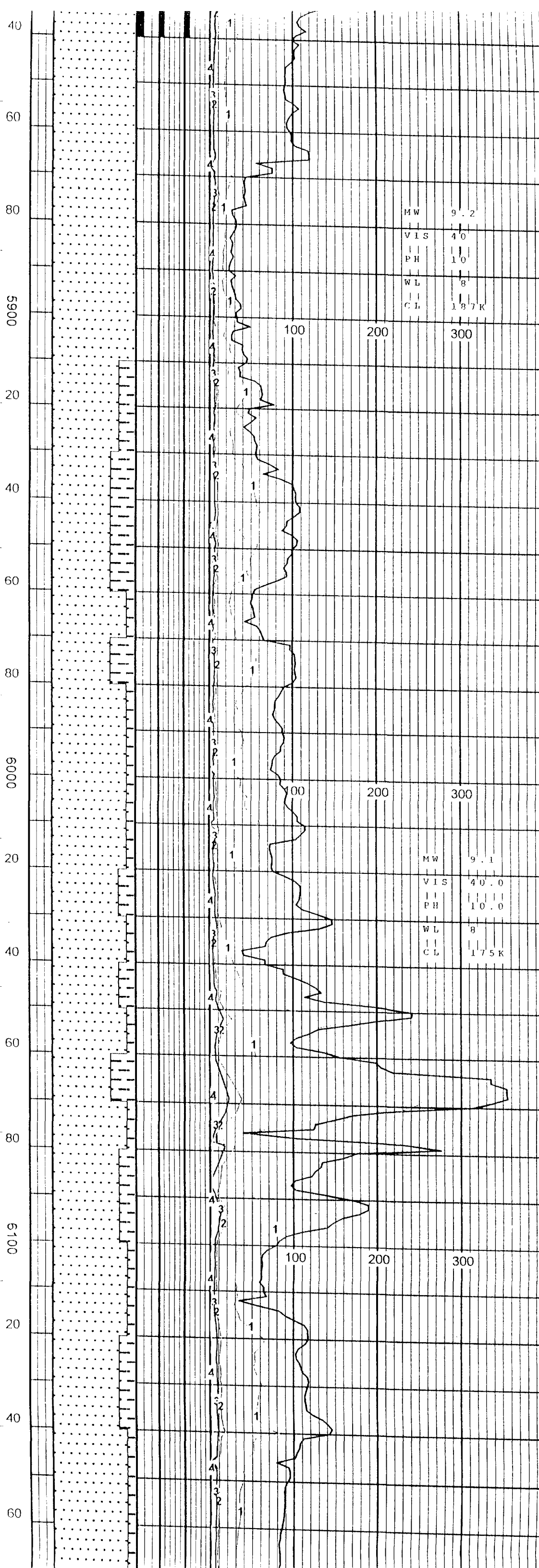
2.5 5

WOR 40K

**LIKELY "GREEN"
 MUDLOGGER
 MISSED
 OIL SHOW**

07/11/01

2.5 5



MW 9.2
 VIS 40
 PH 10
 WL 8
 CL 187K

100 200 300

MW 9.1
 VIS 40.0
 PH 10.0
 WL 8
 CL 175K

100 200 300

even mlky pale yell
 wet cut w/tr blk dead
 oil str

SS: drk gry, gry, lt gry,
 occ wht, clr, frstd, vfn
 grn, pred cnsld, fr amn
 uncnsld, s/rnd-s/ang,
 frly cmtd, w/srtd

SH: blk, v/drk gry, blk-
 s/blk, dll rthy text,
 mod frm, vfn pyr anc

SS: drk gry, gry, lt gry,
 occ wht, clr, frstd, vfn
 grn, pred cnsld, fr amt
 uncnsld, s/rnd-s/ang,
 frly cmtd, w/srtd

SS: drk gry, gry, lt gry,
 occ wht, clr, frstd, vfn
 grn, pred cnsld, tr amt
 uncnsld, s/rnd-s/ang,
 frly, cmtd, w/srtd

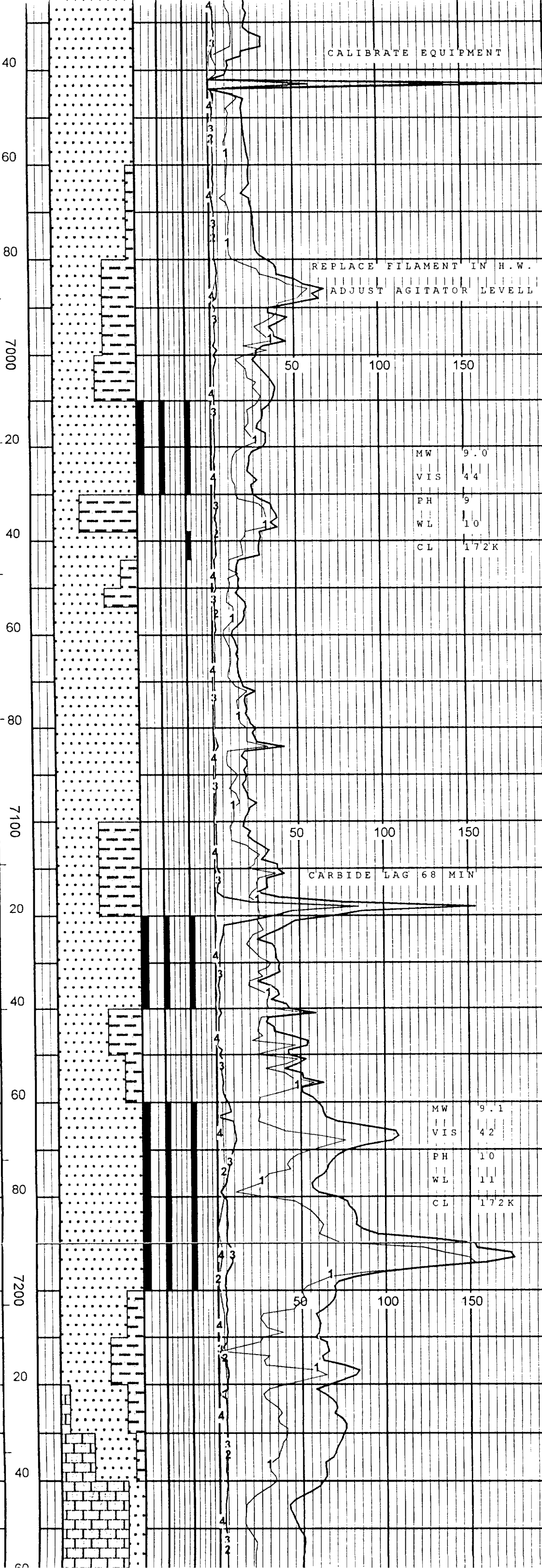
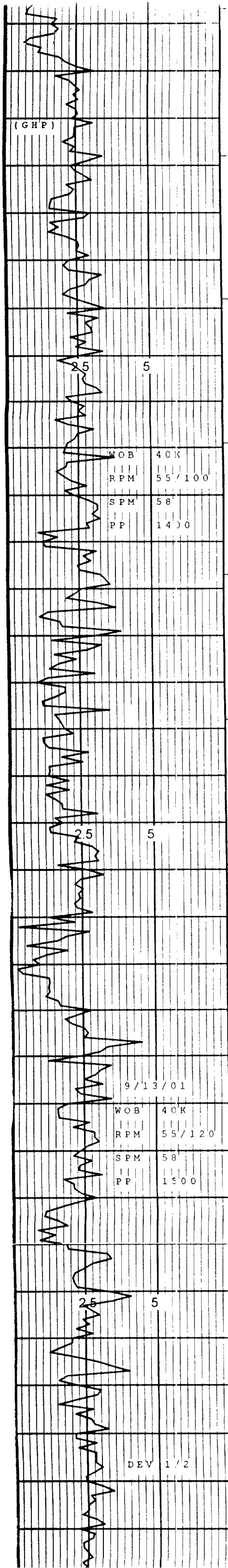
SH: blk, v/drk gry, gry,
 s/blk-blk, dll rthy
 text, mod frm, vfnly
 pyr

SS: drk gry, gry, lt gry,
 occ wht, clr, frstd, vfn
 grn, pred cnsld, tr amt
 uncnsld, s/rnd-s/ang,
 frly cmtd, w/srtd

SS: drk gry, gry, lt gry,
 occ wht, clr frstd, vfn
 grn, pred cnsld, fr amt
 uncnsld, s/rnd-s/ang,
 frly cmtd, w/srtd

PLU 161

SH: blk, v/drk gry, gry,



CALIBRATE EQUIPMENT

SS: frstd, lt gry, clr, sm gry, s/rnd-s/ang, pred uncons w/tr amt lsly consl, sm prly cmtd, wl srted, sm gry-wht mott cly

REPLACE FILAMENT IN H.W.
ADJUST AGITATOR LEVELL

SH: drk gry, drk brn, blk frm-mod hrd, blk-sub blk, dull erthy, sm w/ mica, tr w/vf embd pyr pred calc, incrs carb

WOB 40K
RPM 55/100
SPM 58
PP 1400

MW 9.0
VIS 44
PH 9
WL 10
CL 172K

SS: lt gry, frstd, wht, vf gr, s/rnd-s/ang, pred lsly consl, sm free gr wl srted, prly cmtd, mod amt clr calcite xln, fria, tr gry/wht mott cly, tr settrd dull yell fluor w/tr slow even mlky pale yell wet cut sm blk stn, tr fltg gr, sm strms

CARBIDE LAG 68 MIN

SH: drk brn, blk, drk gry frm--crmbly, blk-sub blk, dull erthy, pred carb, mod amnt calc, sm sli pyr, sm mica

9/13/01
WOB 40K
RPM 55/120
SPM 58
PP 1500

MW 9.1
VIS 42
PH 10
WL 11
CL 172K

SS: frstd, clr, lt gry, vf gr, s/rnd-s/ang, pred uncons, tr amnt lsly cons, prly cmtd w/calc cmt, wl srted, sm clr calcite xln, tr dull yell fluor w/slo weak mlky pale yel wet cut tr fltg gr, sm blk stn

SS: clr, frstd, lt gry, vf gr, s/rnd-s/ang, uncon, tr occ fn gr, wl srted, fr amt clr calcite xl tr dull yell fluor w/ weak slow even mlky pale yell wet cut, mod good amnt fltg gr, sm dead blk oil stn

DEV 1/2

SH: drk brn, blk, drk gry blk-s/blk, frm-crmbly dull erthy, mod amt vf embd pyr w/sm mica, v/carb, tr calc, tr aren

PLU 161

LS: wht, crme, tn, buff, vf mic xln, hrd-bratt, dns pred cin, tr rexln

RB "31" ST. COM #1

COMPANY: Bass Enterprises Production Company

WELL: Remuda Basin 31 State Com #1

FIELD: Dog Town Draw (Morrow)

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Dog Town Draw (Morrow)
 Location: 660' FSL & 660' FWL
 Well: Remuda Basin 31 State Com #1
 Company: Bass Enterprises Production Co

Schlumberger PLATFORM EXPRESS Triple Detector Litho-Density Compensated Neutron / GR		660' FSL & 660' FWL Section 31, Township 23S, Range 30E	Elev.: K.B. 3200.8 ft G.L. 3173.8 ft D.F. 3199.5 ft
Permanent Datum: Log Measured From: Drilling Measured From:	GROUND LEVEL KELLY BUSHING KELLY BUSHING	Elev.: 3173.8 ft 27.0 ft above Perm. Datum	
API Serial No. 30-015-31774	SECTION 31	TOWNSHIP 23S	RANGE 30E
30-JUN-2001 ONE			

Hole Viscosity PH Circulated Temperature Circulated Temperature RMC RMF @ MRT Circulated Temperature Logged Temperature Location	CUT BRINE 10 lbm/gal 9.5 CIRCULATED 0.068 ohm.m @ 0.068 ohm.m @ CALCULATED 0.033 @ 170 0.033 @ 170 170 degF 30-JUN-2001 30-JUN-2001 3076 HOEBS, NM M. BOOMGARDEN SIMIANNE HAYDEN	29 s 78 degF 78 degF @ 170 @ 170 170 21:00 6:30	3461 ft @ 3461 ft @ @ @ @ @
---	--	--	--

PIP SUMMARY

- ↑ Integrated Hole Volume Minor Pip Every 10 F3
- ↑ Integrated Hole Volume Major Pip Every 100 F3
- ↑ Integrated Cement Volume Minor Pip Every 10 F3
- ↑ Integrated Cement Volume Major Pip Every 100 F3

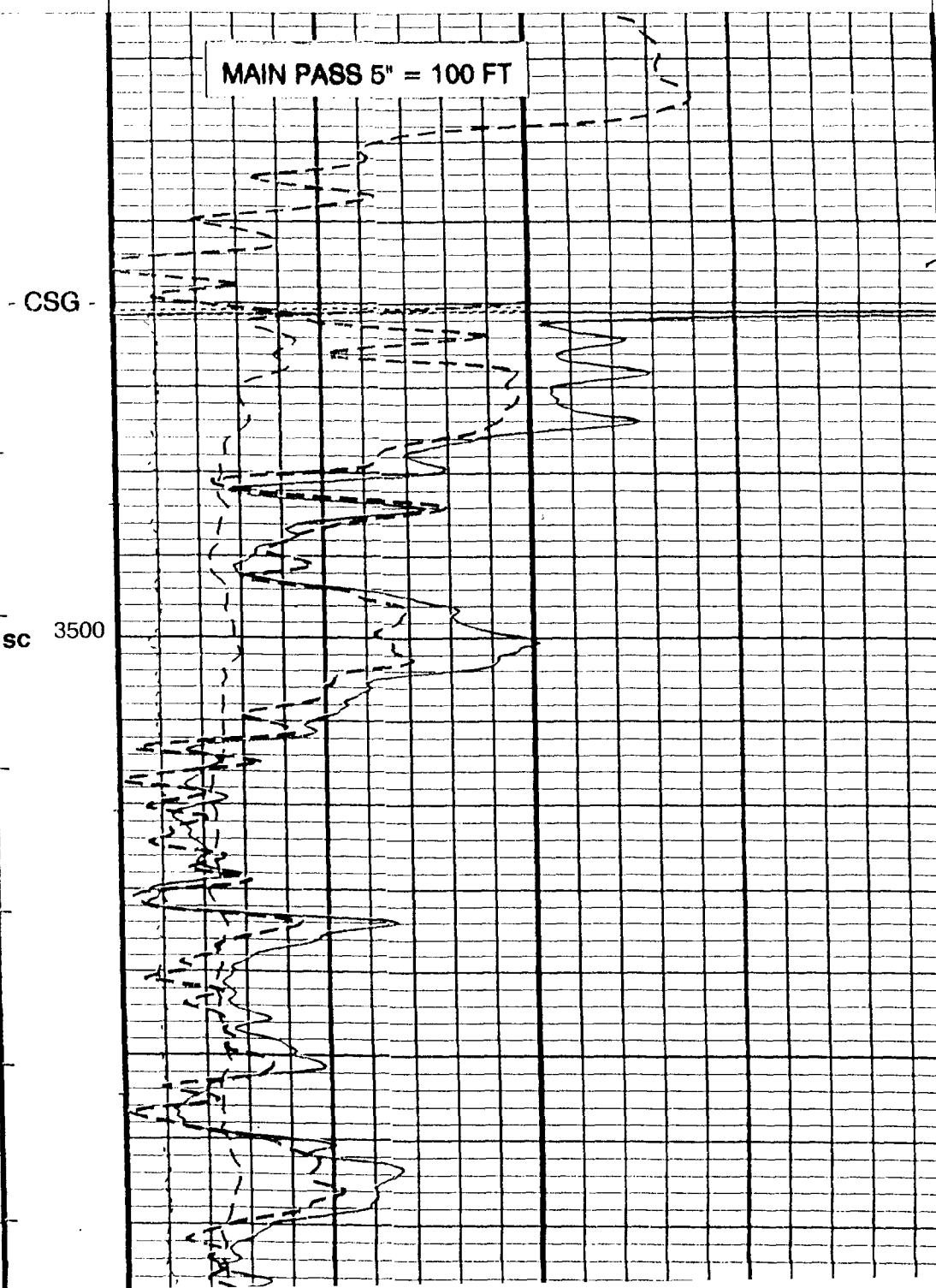
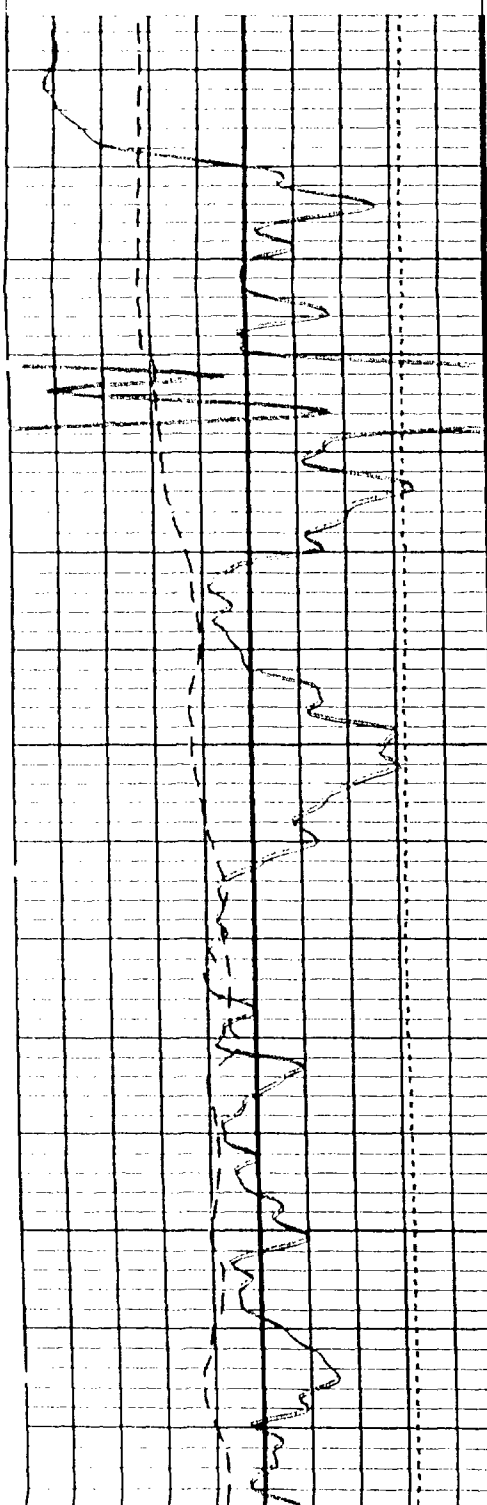
Time Mark Every 60 S

Tension (TENS) (LBF)	0
Calliper (HCAL) (IN)	16
Gamma Ray (GR) (GAPI)	100

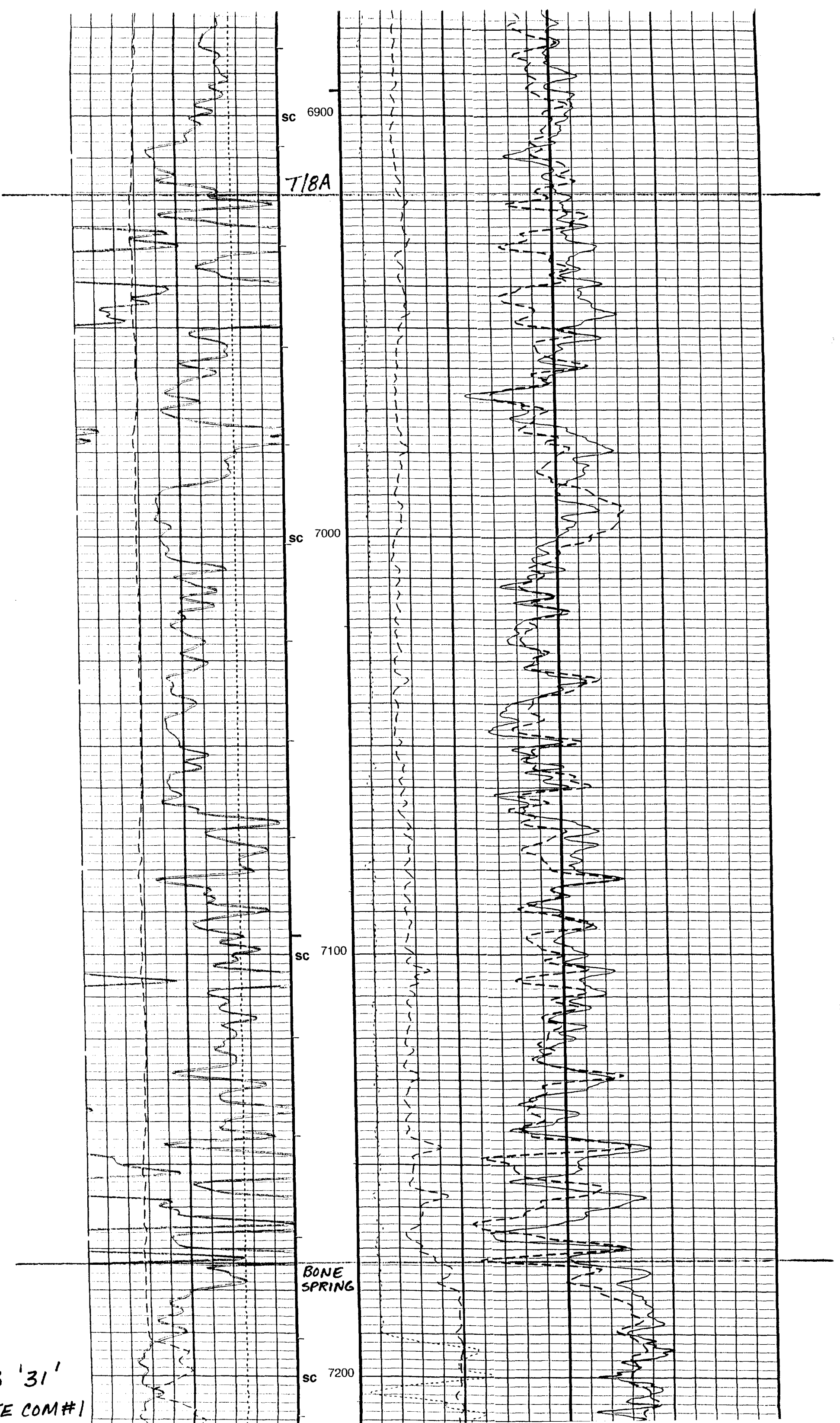
Env. Corr. Thermal Neutron Porosity (TNPH) (V/V)	0.3	-0.1
Std. Res. Formation Pe (PEFZ) (---)	0	10
Density Correction (HDRA) (G/C3)	-0.05	0.45

Gamma Ray Backup

Std. Res. Density Porosity (DPHZ) (V/V)	0.3	-0.1
--	-----	------



RB '31'
STATE COM#1



COMPANY: Bass Enterprises Production Company
WELL: Remuda Basin 31 State Com #1
FIELD: Dog Town Draw (Morrow)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Dog Town Draw (Morrow)
 Location: 660' FSL & 660' FWL
 Well: Remuda Basin 31 State Com #1
 Company: Bass Enterprises Production Co

Logging Date	30-JUN-2001	Run Number	ONE
Depth Driller	11330 ft	Schlumberger Depth	11340 ft
Bottom Log Interval	11332 ft	Top Log Interval	3461 ft
Casing Driller Size @ Depth	9.625 in @ 3461 ft	Casing Schlumberger	3461 ft
Bit Size	8.750 in	Type Fluid In Hole	CUT BRINE
Density	10 lbm/gal	Viscosity	29 s
PH	9.5	Source Of Sample	CIRCULATED
RM @ Measured Temperature	0.068 ohm.m @ 78 degF	RMF @ Measured Temperature	0.068 ohm.m @ 78 degF
RMC @ Measured Temperature		Source RMF	RMC
RM @ MRT	0.033 @ 170	RMF @ MRT	0.033 @ 170
Maximum Recorded Temperatures	170 degF		170
Circulation Stopped	30-JUN-2001	Time	21:00
Logger On Bottom	30-JUN-2001	Time	6:30
Unit Number	3076	Location	HOBBS, NM
Recorded By	M. BOOMGAARDEN		
Witnessed By	SIMIANNE HAYDEN		

Schlumberger
PLATFORM EXPRESS
Array Induction
Gamma Ray

660' FSL & 660' FWL	Elev.: 3200.8 ft
Section 31, Township 23S, Range 30E	G.L. 3173.8 ft
	D.F. 3199.5 ft
Permanent Datum:	GROUND LEVEL
Log Measured From:	KELLY BUSHING
Drilling Measured From:	KELLY BUSHING
Elev.: 3173.8 ft	
27.0 ft above Perm. Datum	
API Serial No. 30-015-31774	SECTION 31
	TOWNSHIP 23S
	RANGE 30E

OP System Version: 9C1-303
MCM

HILTB-FTB OP91-kp2 DSLT-FTB OP91-kp2
 DTC-H OP91-kp2

PIP SUMMARY

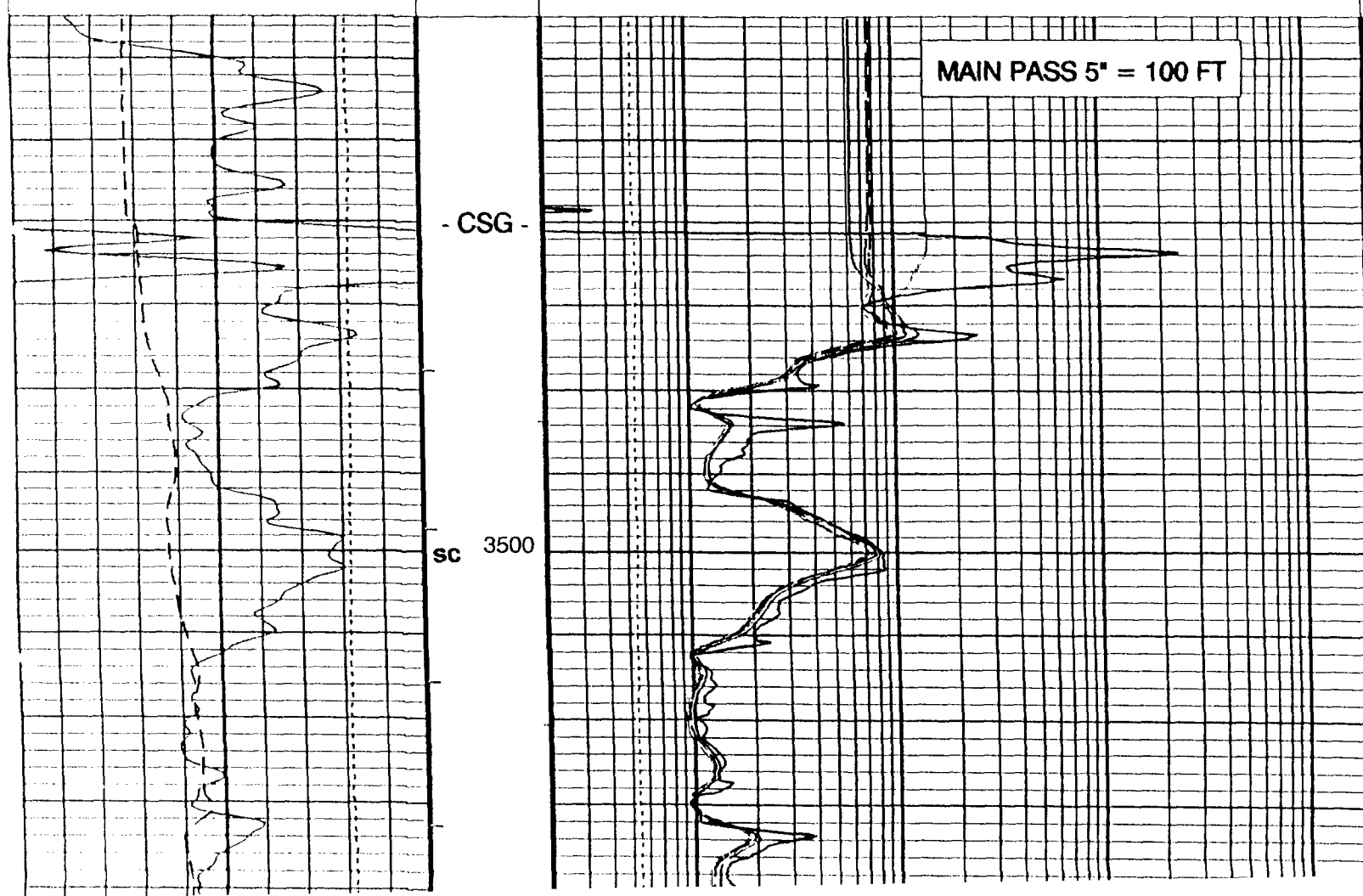
- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- ┌ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

0.2	Std. Res. Invaded Zone Resistivity (RXOZ) (OHMM)	2000
0.02	AIT-H Mud Full Cal (AHMF) (OHMM)	200
0.2	AIT-H 90 Inch Investigation (AHF90) (OHMM)	2000
0.2	AIT-H 60 Inch Investigation (AHF60) (OHMM)	2000
0.2	AIT-H 30 Inch Investigation (AHF30) (OHMM)	2000
0.2	AIT-H 20 Inch Investigation (AHF20) (OHMM)	2000
0.2	AIT-H 10 Inch Investigation (AHF10) (OHMM)	2000

10000	Tension (TENS) (LBF)	0
6	Calliper (HCAL) (IN)	16
0	Gamma Ray (GR) (GAPI)	100

Gamma Ray Backup



HCAL

GR

sc 6900

T/8A

AHMF

AHF90

AHF60

AHF30

AHF20

AHF10

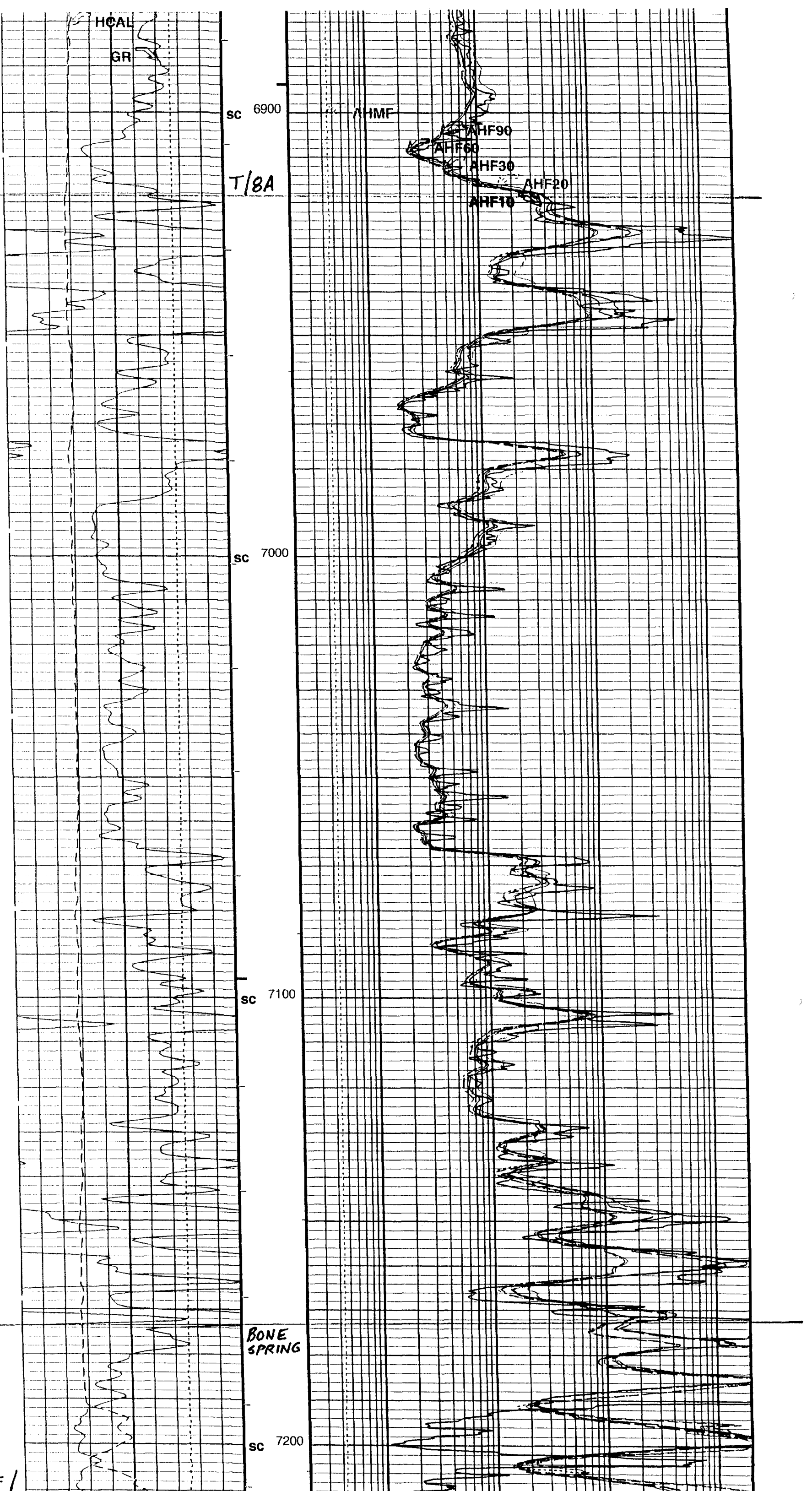
sc 7000

sc 7100

BONE
SPRING

sc 7200

RB '31'
STATE COM#1



MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

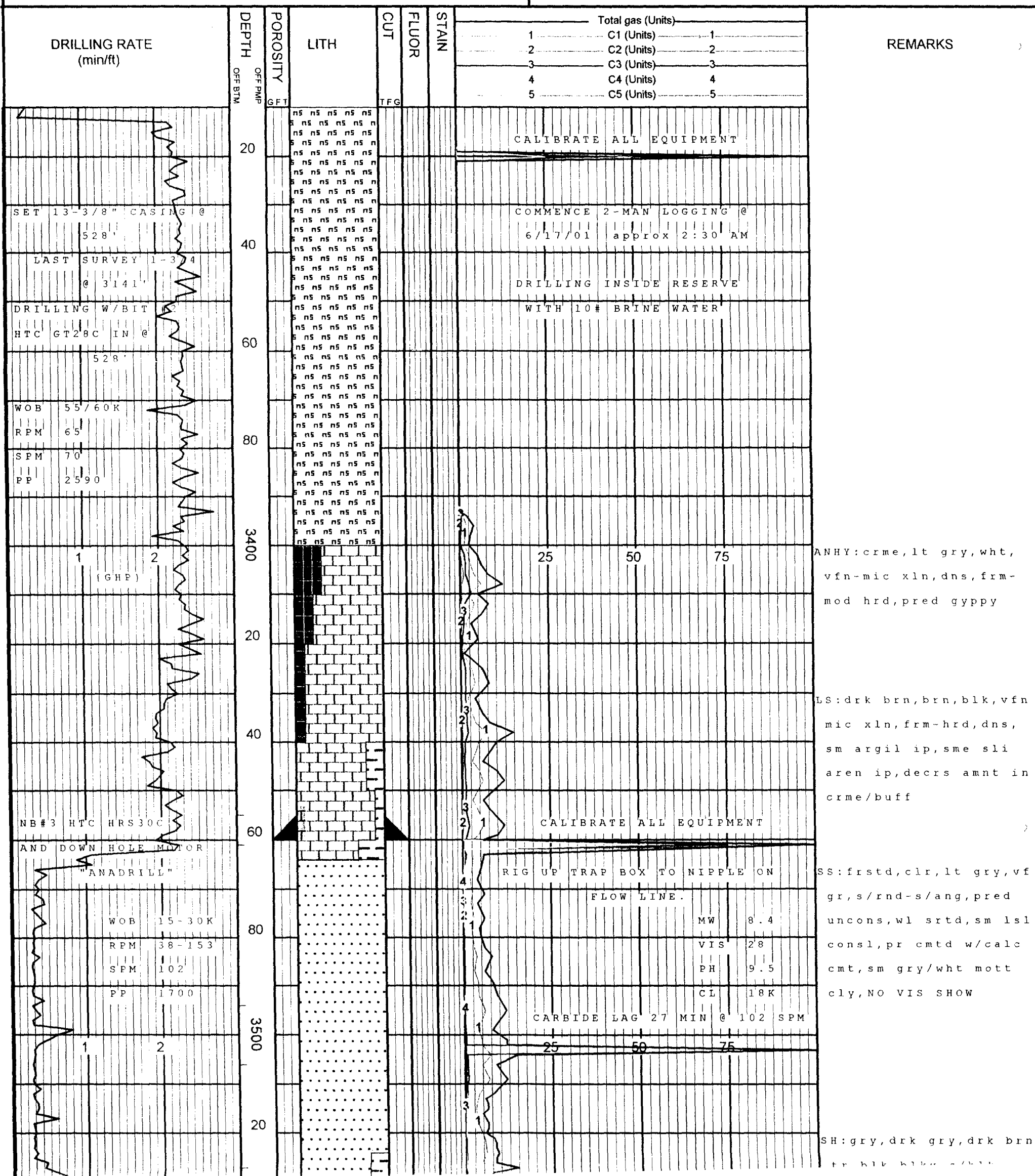
Company: Bass Enterprises Production Company
 Well: Remuda Basin 31 Com #1
 Location: Sec: 31 Twn: 23S Rge: 30E Blk:
 Survey: 660' FSL & 660' FWL API: 30-015-31174
 County: Eddy State: New Mexico
 Elevation: KB: 3202' GL: 3175'
 Contractor: UTI #267 Spud Date: 6/9/01
 Depth Logged: From: 3400' To: 14175
 Date Logged: From: 6/09/01 To: 7/28/01
 Logger: Powell / Dossey / Carter / Morris Unit: #5

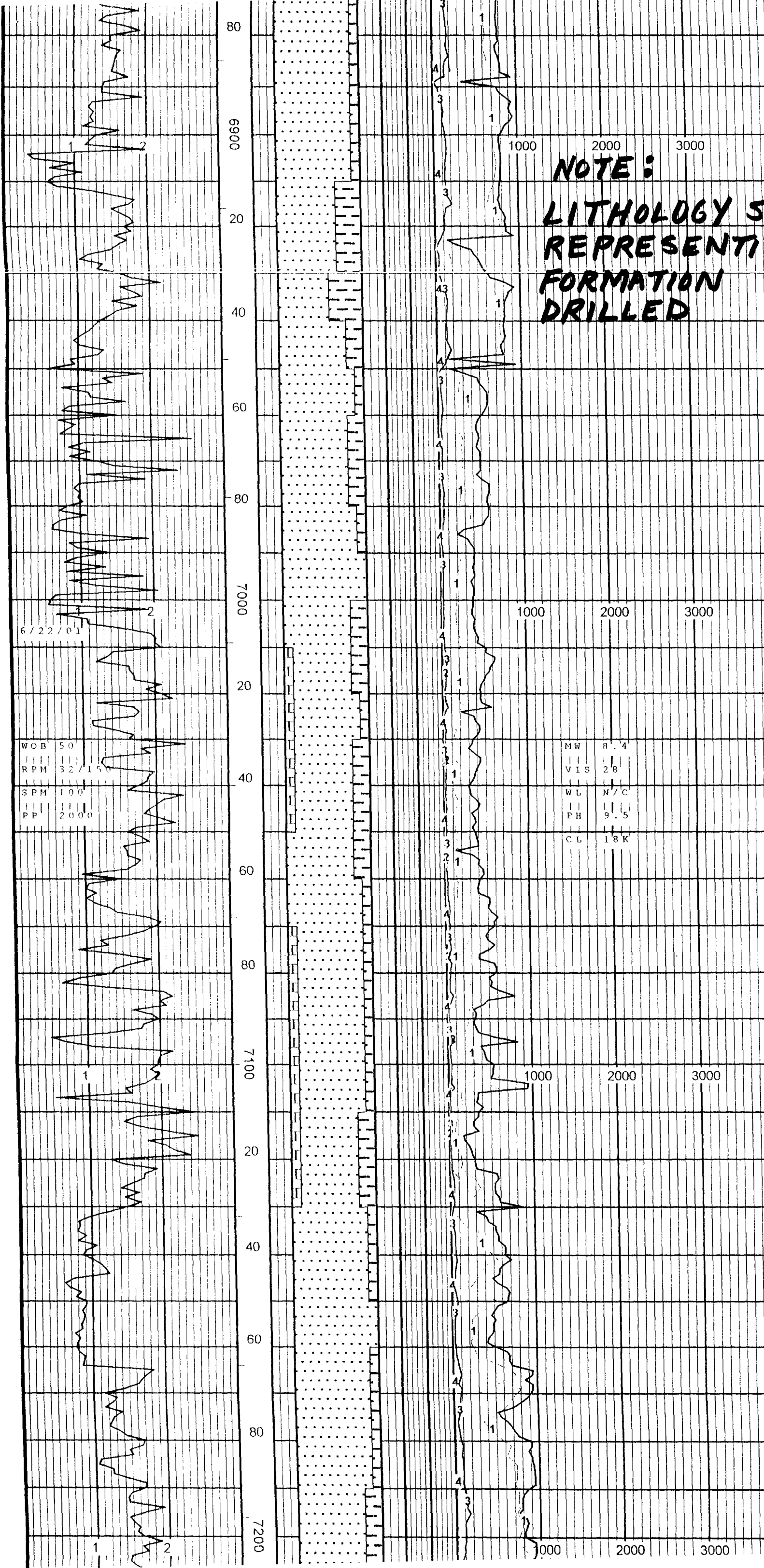
	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

*****NOTE REPLACEMENT COPY*****

Lithology shown from 6700' to 9200' not representative of formation drilled.

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





NOTE:
LITHOLOGY SHOWN NOT
REPRESENTATIVE OF
FORMATION
DRILLED

SS: brn, tn, off wht, sme
 clr, vfn grn, s/ang-s/
 rnd, pred lsly consol,
 sme free grns, wl srt'd
 prly cmt'd w/calc cmt

SH: blk, drk brn, lt gry,
 gry, blk, pred dull
 crthy, frm-mod frm,
 lmy, sme sc'trd aren
 ip, tr vfn pyr

LS: off wht, crm, tn, nott
 lt gry, vfn-micro xln,
 frm-mod frm, arg, pyr,
 tr mica

SS: frstd, clr, wht, off
 wht, vfn grn, s/ang,
 s/rnd, lsly consol, sme
 free grns, wl srt'd,
 prly cmt'd w/calc cmnt

SH: drk brn, brn, blk, tn,
 blk, blk, sme smth,
 frm-mod frm, lmy, tr
 vfn pyr

SS: drk brn, brn tn, lt
 gry, vfn grn, s/ang, s/
 rnd, pred lsly consol,
 sme free grns, wl srt'd
 prly cmt'd w/calc cmnt

RB 31 COM.#1

6/22/01

WOB 50
 RPM 32/150
 SPM 100
 PP 2000

MW 8.4
 VIS 28
 WL N/C
 PH 9.5
 CL 18K

141

PLU # 141

COMPANY: Bass Enterprises Production Co.	
WELL: Poker Lake Unit #141	
FIELD: Forty-Niner Ridge, SW (Delaware)	
COUNTY: Eddy	STATE: New Mexico
Schlumberger	
Platform Express	
Three Detector Litho-Density	
Compensated Neutron / GR	
COUNTY: Eddy Field: Forty-Niner Ridge, SW (Delaware) Location: 1980' FSL & 660' FWL Well: Poker Lake Unit #141 Company: Bass Enterprises Production Co.	LOCATION 1980' FSL & 660' FWL Elev.: KB. 3234.2 ft G.L. 3220.6 ft D.F. 3232.6 ft Permanent Datum: _____ Log Measured From: Kelly Bushing Drilling Measured From: Kelly Bushing Elev.: 3220.6 ft 13.6 ft above Perm. Datum
Logging Date: 16-DEC-2000 Run Number: One Depth Driller: 7453 ft Schlumberger Depth: 7458 ft Bottom Log Interval: 7423 ft Top Log Interval: 3400 ft Casing Driller Size @ Depth: 8.625 in @ 600 ft Casing Schlumberger: 603 ft Bit Size: 7.875 in	SECTION: 32 TOWNSHIP: 23S RANGE: 30E API Serial No.: 30-015-30039 MUD Density: _____ Viscosity: _____ PH: _____ Type Fluid In Hole: Brine / Diesel / Emulsion Density: 9 lbm/gal Circulation Tank: 44 s Source Of Sample: 11 RM @ Measured Temperature: 0.120 ohm.m @ 80 degF RMF @ Measured Temperature: @ RMC @ Measured Temperature: @ Source RMF: RMC RM @ MRT: 0.088 @ 112 @ 112 Maximum Recorded Temperature: 112 degF Circulation Stopped: 16-DEC-2000 11:00 Logger On Bottom: 16-DEC-2000 18:00 Unit Number: 3049 Roswell, N.M. Recorded By: C. Scheideman Witnessed By: Frank Collins

Cement volume = 2314.3075 (assuming 3.50 IN casing O.D.)
 Computed from 7453.0 FT to 600.0 FT using data channel(s) HCAL

OP System Version: 9C1-303
MCM

AIT-C OP91-kp2 HILTB-FTB OP91-kp2
 DTC-H OP91-kp2

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	590.0 21:38:08
GCSE	BS	HCAL	590.0 21:38:10

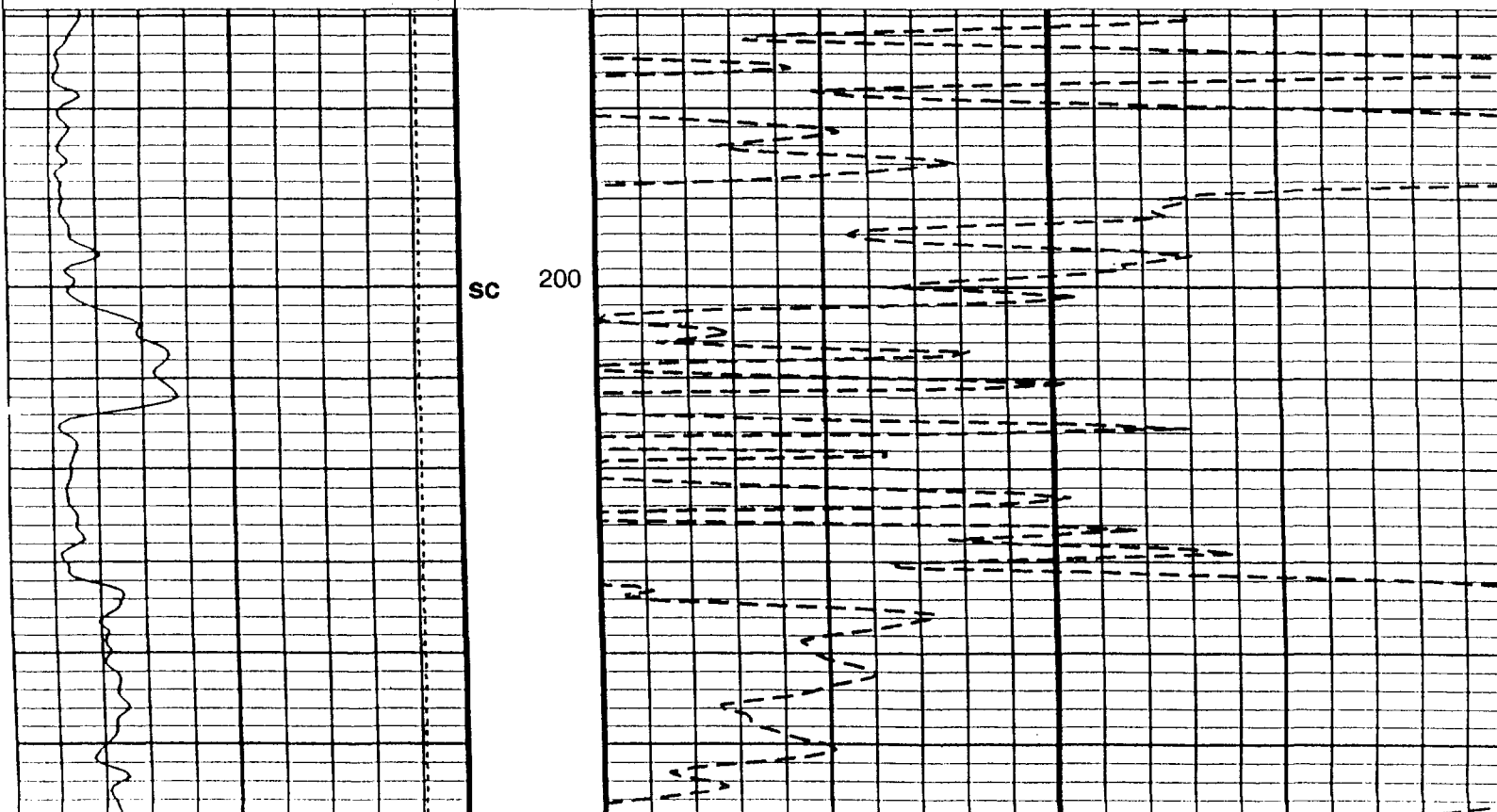
PIP SUMMARY

- ┌ Integrated Borehole Volume Every 10 F3
- ┌ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

Time Mark Every 60 S

Cable Tension (TENS) 10000 (LBF) 0	Thermal Neutron Porosity (TNPH) 0.3 (V/V) -0.1
HRMS Calliper (HCAL) 6 (IN) 16	Stan Res Formation Pe Factor (PEFZ) 0 (---) 10
GR (GR) 0 (GAPI) 100	HRDD Density Correction (HDRA) -0.05 (G/C3) 0.45
Gamma Ray on Backup	Stan Res Density Porosity [2.71] (DPHZ) 0.3 (V/V) -0.1



T/8A

sc 7100

sc 7200

sc 7300

BONE SPRING

12-29-00
 ATTEMPTED STIMULATION
 7290' - 7295'
 60,225 gals. VIKING 30
 121,000 # 16/30 BRADY
 STIMULATION FAILED
 MECHANICAL PROBLEMS.

1-4-01
 RE-
 STIMULATION
 7290' - 7295'
 55,763 gals. VIKING-30
 107,669 # 16/30 BRADY
 76,274 # CR-4000

PLU 141

COMPANY: Bass Enterprises Production Co.
WELL: Poker Lake Unit #141
FIELD: Forty-Niner Ridge, SW (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger Array Induction Tool
Gamma Ray

1980' FSL & 660' FWL
 Elev.: K.B. 3234.2 ft
 G.L. 3220.6 ft
 D.F. 3232.6 ft

Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: 3220.6 ft
 13.6 ft above Perm. Datum

LOCATION
 SECTION 32 TOWNSHIP 23S RANGE 30E

API Serial No. 30-015-30039

COUNTY: Eddy
 Field: Forty-Niner Ridge, SW (Delaware)
 Location: 1980' FSL & 660' FWL
 Well: Poker Lake Unit #141
 Company: Bass Enterprises Production Co

Logging Date: 16-DEC-2000

Run Number: One

Depth Driller: 7453 ft

Schlumberger Depth: 7458 ft

Bottom Log Interval: 7448 ft

Top Log Interval: 3400 ft

Casing Driller Size @ Depth: 8.625 in @ 600 ft

Casing Schlumberger: 603 ft

Bit Size: 7.875 in

Type Fluid In Hole: Brine / Diesel / Emulsion

Density: 9 lbm/gal

Viscosity: 44 s

Fluid Loss: 11

PH: 11

Source Of Sample: Circulation Tank

RMF @ Measured Temperature: 0.120 ohm.m @ 80 degF

RMF @ Measured Temperature: @ @ @

RMF @ Measured Temperature: @ @ @

Source RMF: RMC

RMF @ MRT: 0.088 @ 112 @ 112 @

Maximum Recorded Temperatures: 112 degF

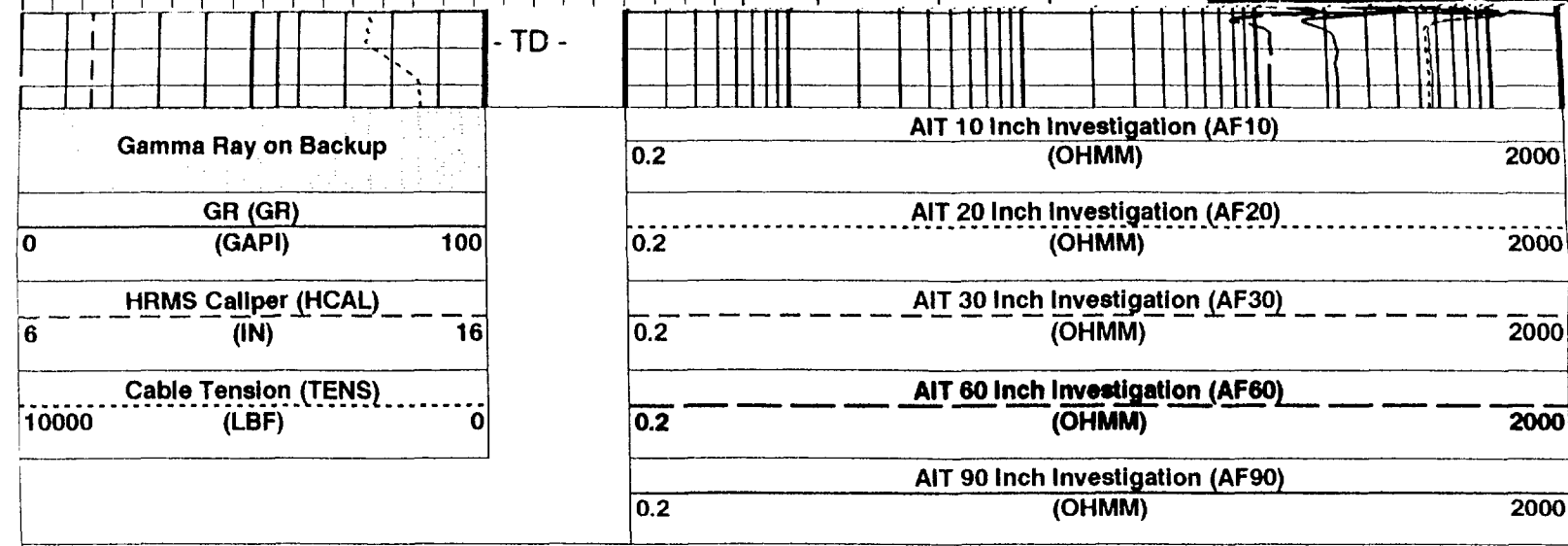
Circulation Stopped Time: 16-DEC-2000 11:00

Logger On Bottom Time: 16-DEC-2000 18:00

Unit Number: 3049 Location: Roswell, N.M.

Recorded By: C. Scheideman

Witnessed By: Frank Collins



PIP SUMMARY

Integrated Borehole Volume Every 100 F3
 Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

Format: 2_res Vertical Scale: 2" per 100' Graphics File Created: 16-Dec-2000 18:19

MAIN PASS 2" = 100'

OP System Version: 9C1-303
 MCM

AIT-C OP91-kp2 HILTB-FTB OP91-kp2
 DTC-H OP91-kp2

Speed Corrected - Depth Matched LOG

Output DLIS Files

DEFAULT AITC .008 FN:7 PRODUCER 16-Dec-2000 18:19

Output DLIS Files

DEFAULT AITC .008 FN:7 PRODUCER 16-Dec-2000 18:19

Speed Corrected - Depth Matched LOG

OP System Version: 9C1-303
 MCM

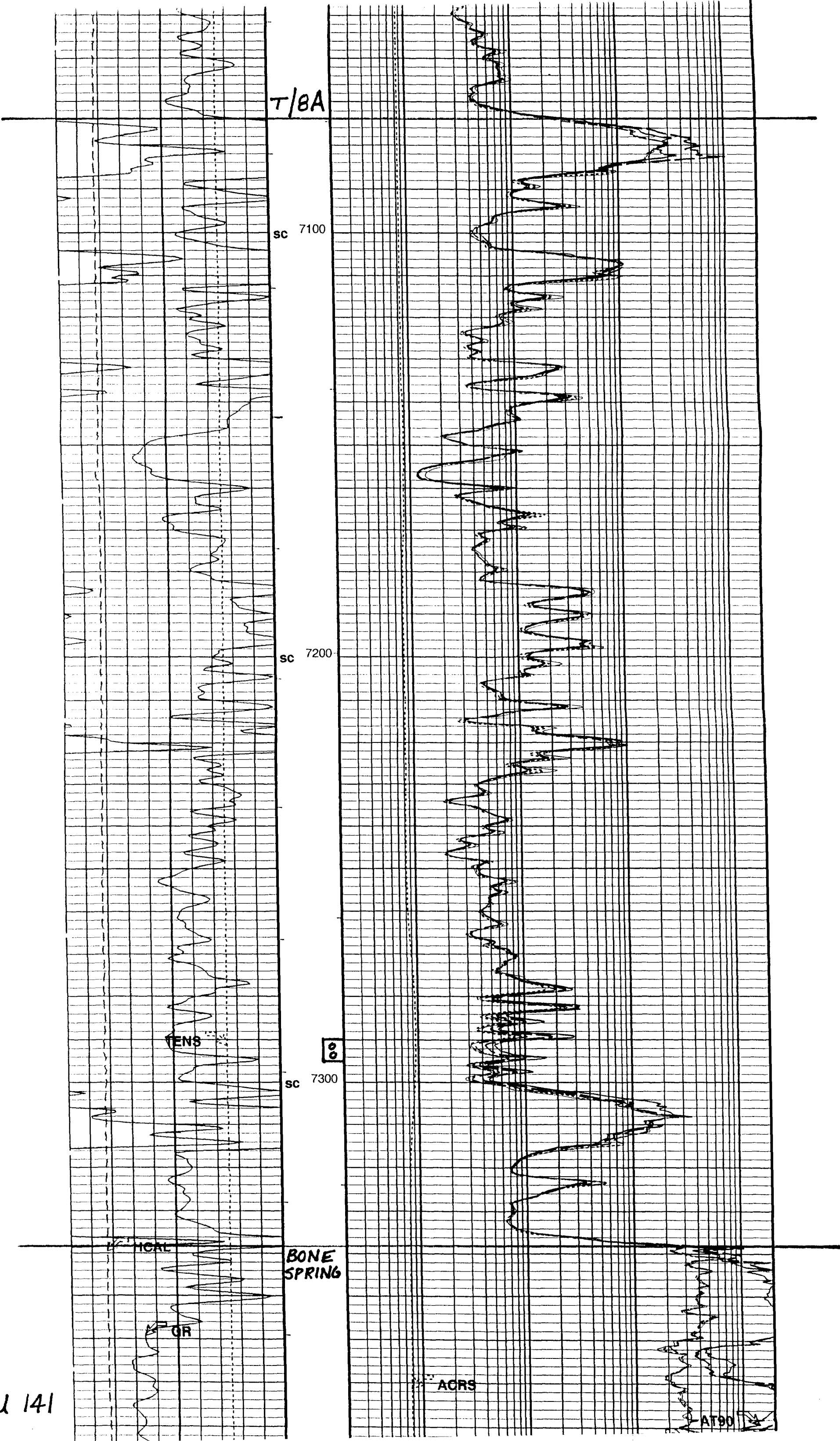
AIT-C OP91-kp2 HILTB-FTB OP91-kp2
 DTC-H OP91-kp2

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHT	112 DEGF	140 DEGF	7367.3 18:24:26
TD	7458 FT	7453 FT	7346.3 18:24:51
TDL	7458.00 FT	7453.00 FT	7337.3 18:25:01

PIP SUMMARY

Integrated Borehole Volume Every 10 F3
 Integrated Borehole Volume Every 100 F3



T/BA

SC 7100

SC 7200

SC 7300



TENS

OR

BONE SPRING

ACRS

AT90

ICAL

PLU 141

MORCO GEOLOGICAL SERVICES

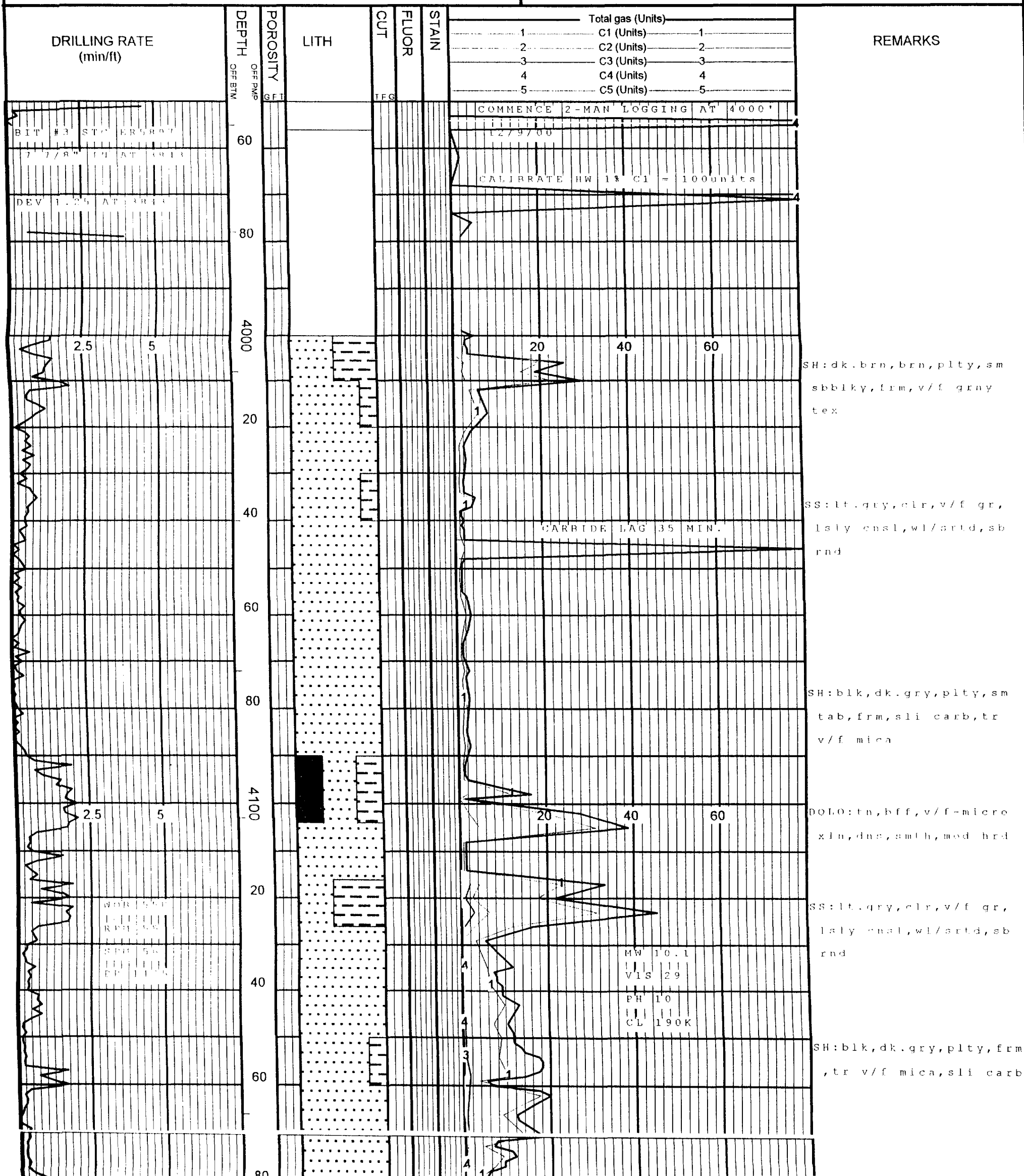
Carlsbad, New Mexico - (800) 748-2340

Company: Bass Enterprises
 Well: Poker Lake Unit # 141
 Location: Sec: _____ Twn: _____ Rge: _____ Blk: _____
 Survey: _____ API: _____
 County: Eddy State: New Mexico
 Elevation: KB: _____ GL: _____
 Contractor: Patterson # 141 Spud Date: _____
 Depth Logged: From: _____ To: _____
 Date Logged: From: _____ To: _____
 Logger: _____ Unit: #5

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

KB 3234'

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component:
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour



12/15/00

5

40
60
80
7100

3
2
1
4
3
4
3
4
3
4
3

SH:brn,dk.brn,dk.gry,
pity,sm blk,y,frm-med
hrd,sm carb in pt

SH:brn,sm dk.brn,blk,
pity,sm blk,y,frm,aren
in pt

SS:lt.gry,clr,wht,v/f
gr,frs-mod cns,lm
cmt,sm lm mtrx,wl/srt
,sbrnd

LS:offwht,ln,v/f-micro
xln,dns-chlky,frm

SH:dk.brn,brn,pity-sb
blk,y,frm,v/f gry tex
,sm sdy

7200

20

40

60

80

7300

20

40

60

50 100 150

MW 9.2
VIS 49
PH 10
FIL 98
L 173K

CARRIAGE LAG 105 @
46 SPM

SS:lt.gry,wht,sm lt.brn
,v/f gr,mod cns,w/lm
cmt & mtrx,wl/srtd,no
show in spml

SH:dk.brn,brn,blk,y,sm
pity,frm,v/f gry tex
,sm sdy

SS:lt.gry,ln,sm wht,lr
lt.brn,v/f gr,mod cns
-frs,lm cmt,sm cly
mtrx,wl/srtd,sbrnd,20
-40% pale blu fluor

LS:ln,dk.brn,molt,micr
-v/fxln,dnss,arg in
pt

SH:dk.brn,brn,sm blk,
pity,sm blk,y,frm,v/f
gry tex in pt

LS:dk.brn,ln,lt.gry,
micro-v/fxln,dns-chk
,frm-mod hrd

WOB 50F
RPM 60
SPM 46
FF 300

2.5 5

5

5

PLU # 165

COMPANY: Bass Enterprises Production Co
WELL: Poker Lake Unit #165
FIELD: Nash Draw (Delaware)
COUNTY: Eddy **STATE:** New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 560' FSL & 330' FWL
Well: Poker Lake Unit #165
Company: Bass Enterprises Production Co

Schlumberger
 Platform Express
 Three Detector LithoDensity
 Compensated Neutron / GR

LOCATION
 560' FSL & 330' FWL
 Permanent Datum: _____ Ground Level _____
 Log Measured From: Kelly Bushing _____
 Drilling Measured From: Kelly Bushing _____
 Elev.: K.B. 3232 ft
 G.L. 3219 ft
 D.F. 3230 ft
 Elev.: 3219 ft
 13.0 ft above Perm. Datum

Logging Date	4-APR-2001	SECTION	32	TOWNSHIP	235	RANGE	30E
Run Number	One	API Serial No.	30-015-31334				
Depth Driller	7550 ft						
Schlumberger Depth	7550 ft						
Bottom Log Interval	7550 ft						
Top Log Interval	200 ft						
Casing Driller Size @ Depth	8.625 in @ 562 ft						
Casing Schlumberger	560 ft						
Bit Size	7.875 in						
Type Fluid In Hole	Brine / Diesel						
Density	9.6 lbm/gal		37 s				
Fluid Loss	PH		10				
Source Of Sample	Circulation Tank						
RMC @ Measured Temperature	0.104 ohm.m @ 86 degF						
RMC @ Measured Temperature	86.000 ohm.m @ 0 degF						
RMC @ Measured Temperature	Calculated						
Source RMC	RMC						
RMC @ MRT	0.076 @ 120 4.646 @ 120						
ed Temperatures	120 degF						
3d Time	4-APR-2001 7:00						
Time	4-APR-2001 12:00						
Location	3178 Roswell						
	Henry Andres Olante						
	Simianne Hayden						

165

OP System Version: 9C1-303
MCM

HILTB-CTS OP91-kp2

Changed Parameter Summary

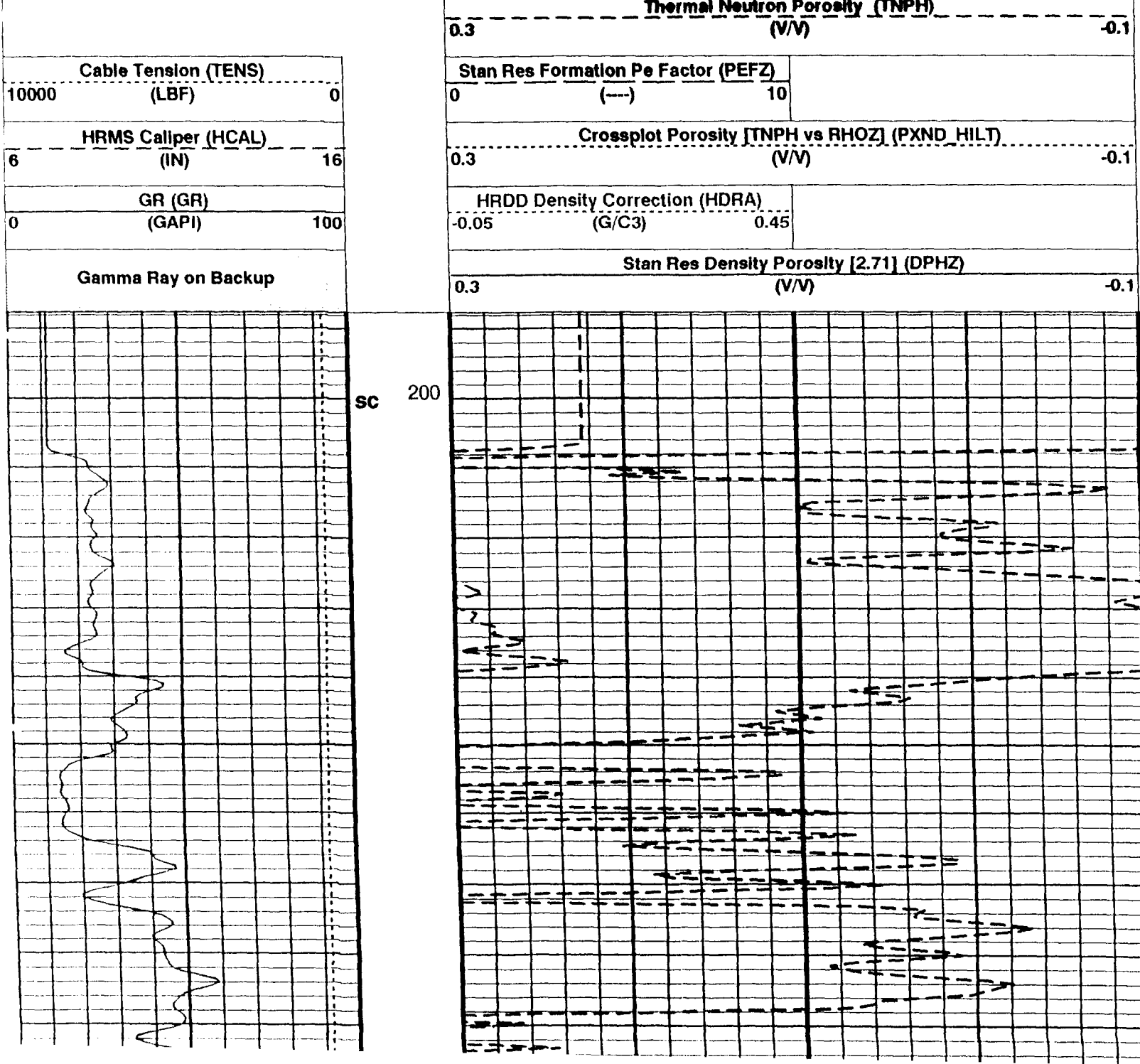
DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	518.1 15:02:27
GCSE	BS	HCAL	518.1 15:02:11

PIP SUMMARY

- └ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

MAIN PASS 5' = 100'

Time Mark Every 60 S



T/8A

sc 7100

sc 7200

sc 7300

BONE
SPRING

STIMULATION

7258' - 7268'

71,151 gals VIKING-30

201,400 # 16/30 BRADY

65,882 # CR-4000

0000

PLU 165

COMPANY: Bass Enterprises Production Co
WELL: Poker Lake Unit #165
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 560' FSL & 330' FWL
 Well: Poker Lake Unit #165
 Company: Bass Enterprises Production Co

Schlumberger
Platform Express
Array Induction Imager
Gamma Ray

560' FSL & 330' FWL
 Elev.: K.B. 3232 ft
 G.L. 3219 ft
 D.F. 3230 ft

Permanent Datum: _____ Ground Level _____
 Log Measured From: Kelly Bushing _____ Elev.: 3219 ft
 Drilling Measured From: Kelly Bushing _____ 13.0 ft above Perm. Datum

API Serial No. 30-015-31334 SECTION 32 TOWNSHIP 23S RANGE 30E
 Logging Date 4-APR-2001

Logging Date	4-APR-2001
Run Number	One
Depth Driller	7550 ft
Schlumberger Depth	7550 ft
Bottom Log Interval	7550 ft
Top Log Interval	560 ft
Casing Driller Size @ Depth	8.625 in @ 562 ft
Casing Schlumberger	560 ft
Bit Size	7.875 in
Type Fluid In Hole	Brine / Diesel
Density	9.6 lbm/gal
Fluid Loss	PH 37 s
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.104 ohm.m @ 86 degF
RMF @ Measured Temperature	86.000 ohm.m @ 0 degF
RMC @ Measured Temperature	@ @
Source RMF	Calculated
RM @ MRT	0.076 @ 120 4.846 @ 120
Maximum Recorded Temperatures	120 degF
Circulation Stopped	Time 4-APR-2001 7:00
Logger On Bottom	Time 4-APR-2001 12:00
Unit Number	3178 Roswell
Recorded By	Henry Andres Olarte
Witnessed By	Simianne Hayden

Output DLIS Files
 DEFAULT HILTC .013 FN:11 PRODUCER 04-Apr-2001 12:37

Speed Corrected - Depth Matched LOG

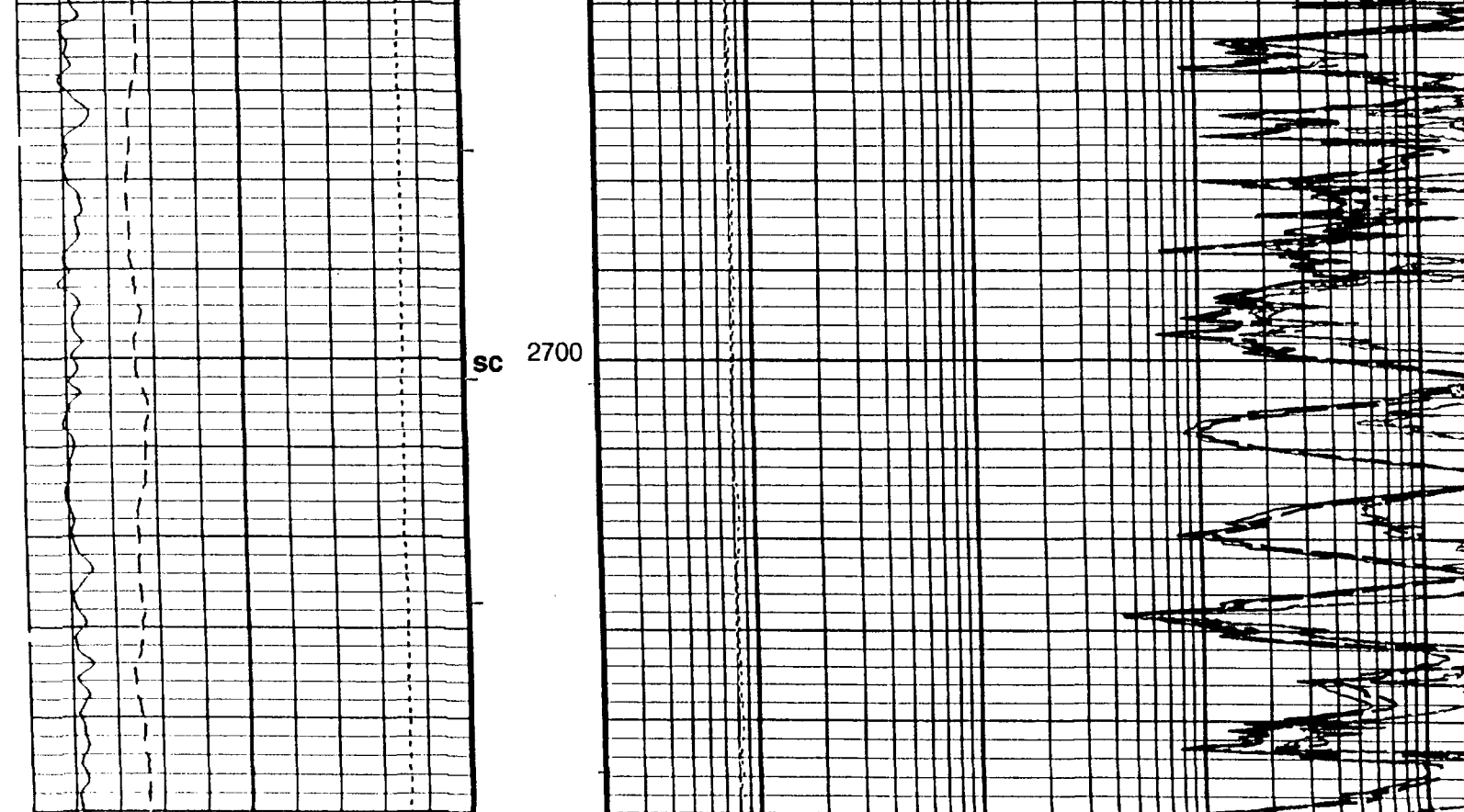
OP System Version: 9C1-303
 MCM
 HILTB-CTS OP91-kp2

PIP SUMMARY
 T Integrated Borehole Volume Every 10 F3
 T Integrated Borehole Volume Every 100 F3
 -I Integrated Annulus Volume Every 10 F3
 -I Integrated Annulus Volume Every 100 F3
 Time Mark Every 60 S

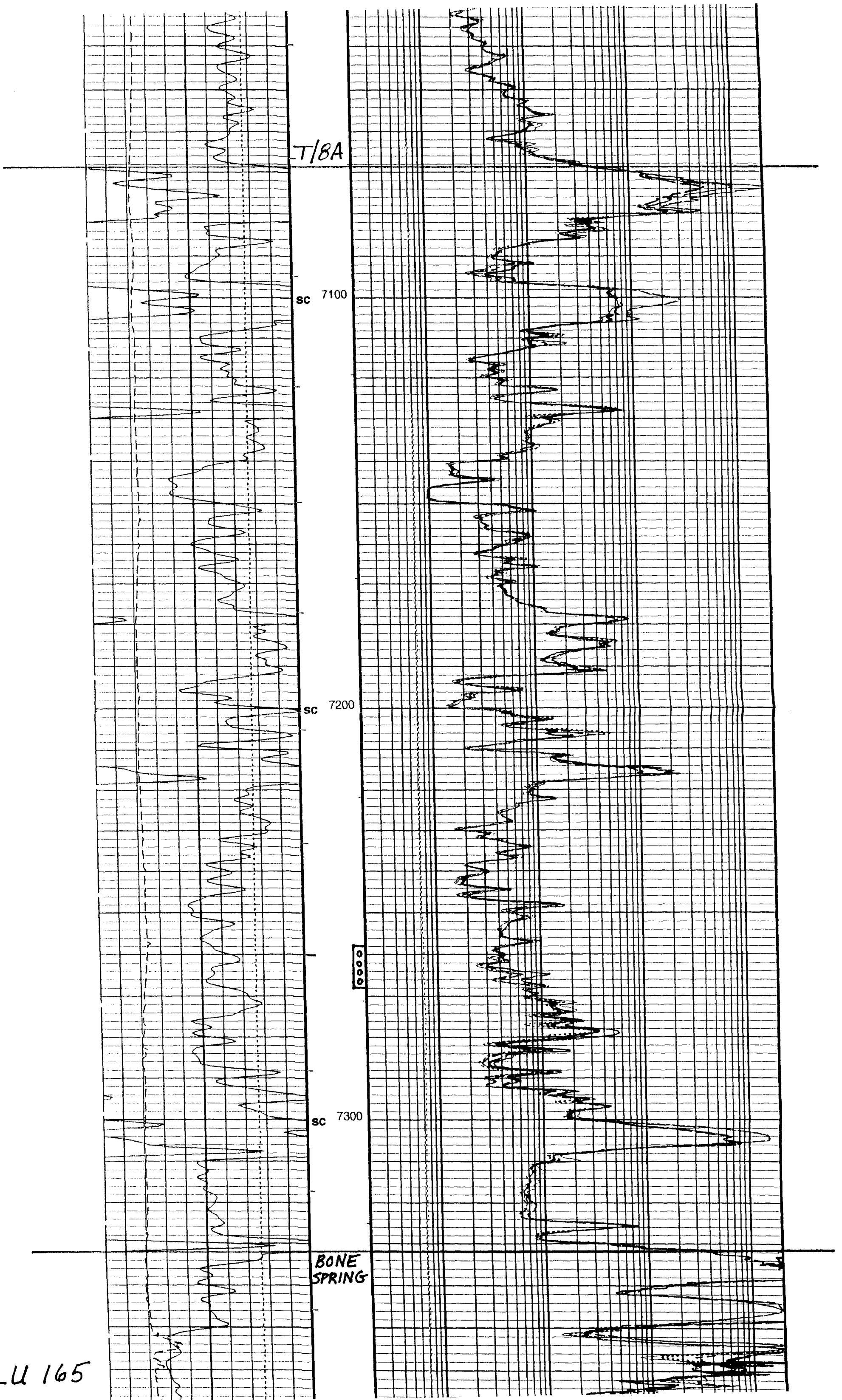
MAIN PASS 5" = 100'

AIT-H Mud Full Cal (AHMF)	0.02	200
(OHMM)		
AIT-H 90 Inch Investigation (AHT90)	0.2	2000
(OHMM)		
AIT-H 60 Inch Investigation (AHT60)	0.2	2000
(OHMM)		
AIT-H 30 Inch Investigation (AHT30)	0.2	2000
(OHMM)		
AIT-H 20 Inch Investigation (AHT20)	0.2	2000
(OHMM)		
AIT-H 10 Inch Investigation (AHT10)	0.2	2000
(OHMM)		

Cable Tension (TENS)	0
(LBF)	10000
HRMS Calliper (HCAL)	16
(IN)	6
GR (GR)	100
(GAPI)	0
Gamma Ray on Backup	



PLU 165



MORCO GEOLOGICAL SERVICES

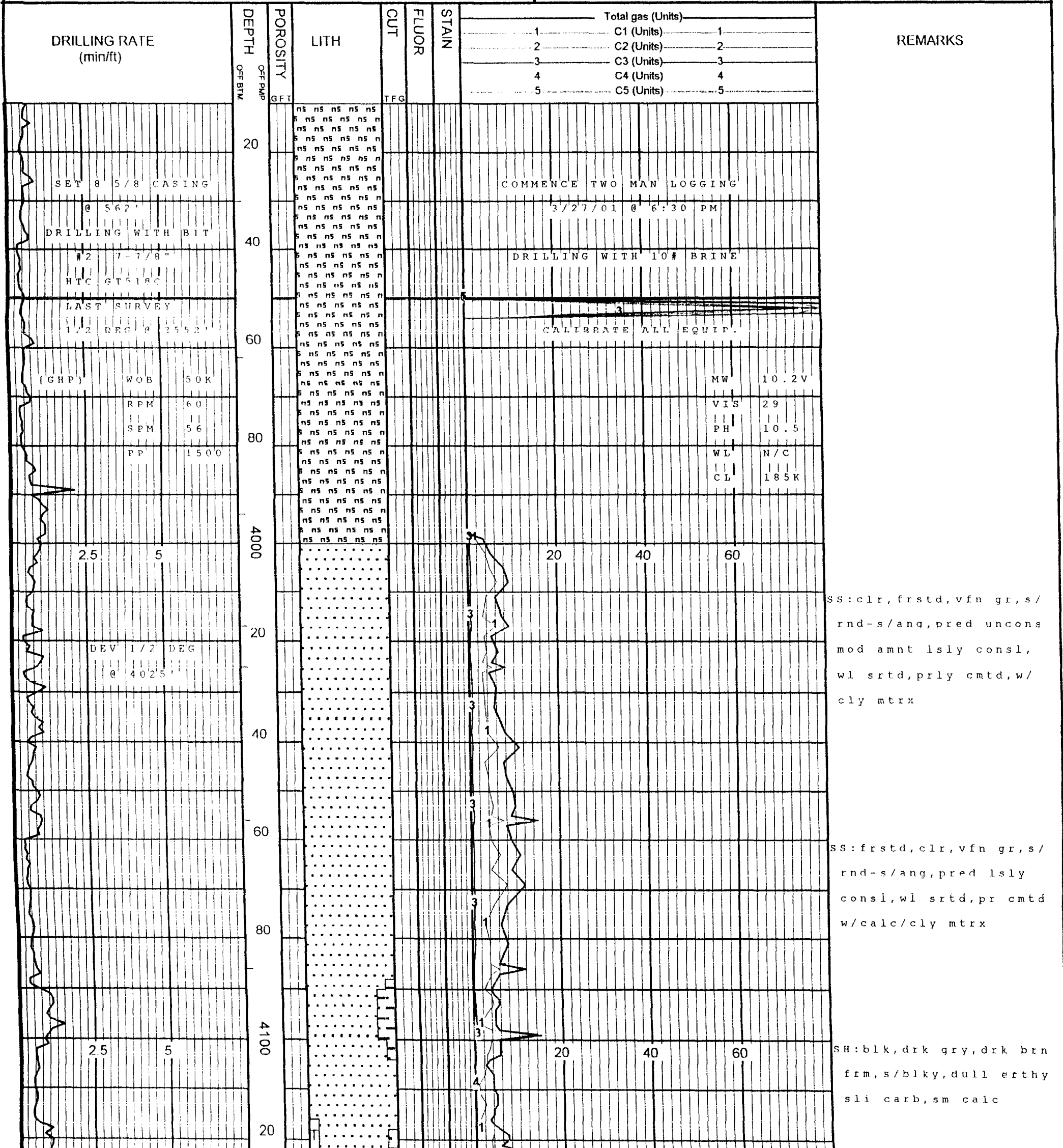
Carlsbad, New Mexico - (800) 748-2340

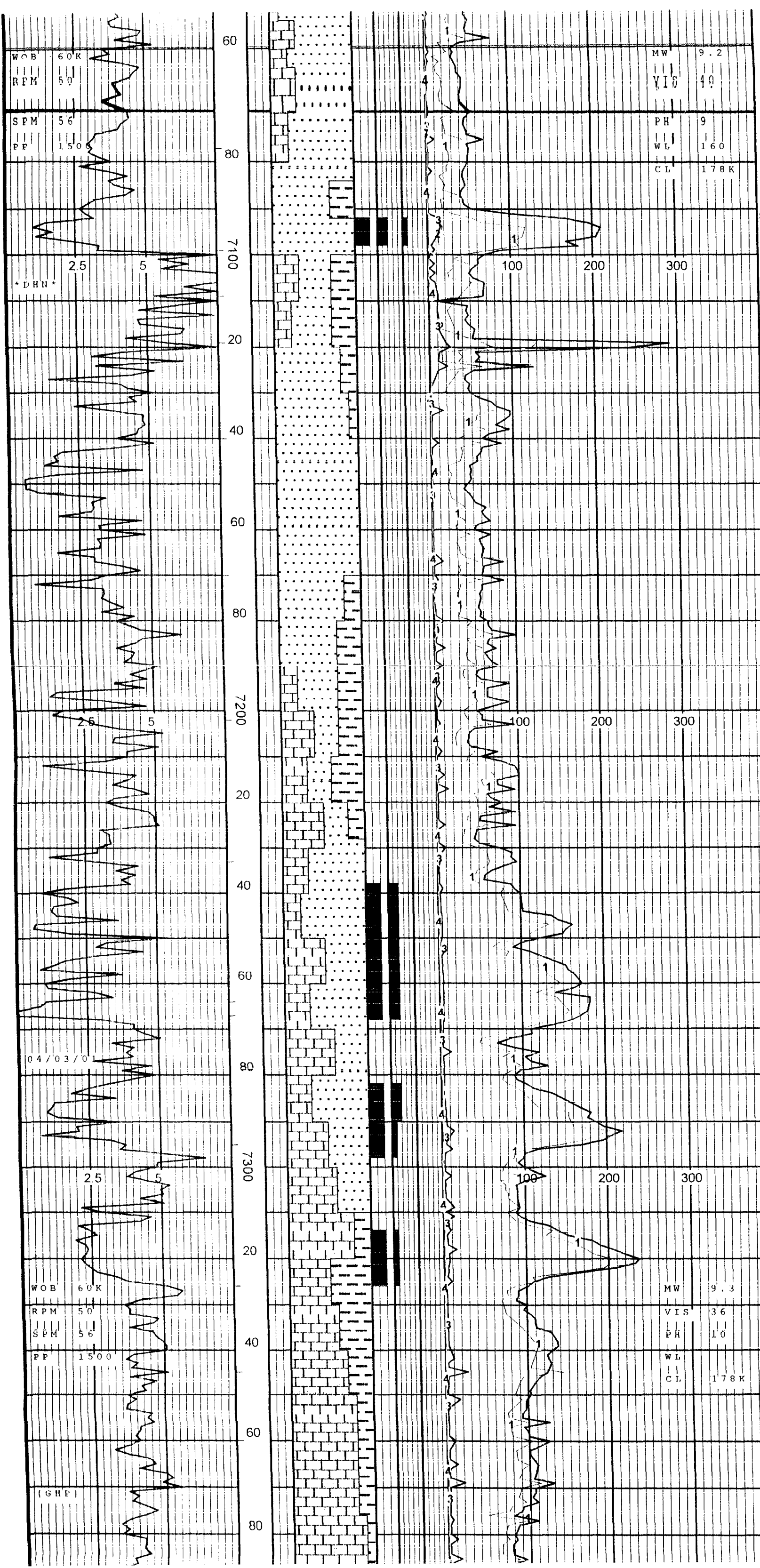
Company: BASS ENTERPRISES
 Well: POKER LAKE UNIT #165
 Location: Sec: 32 Twn: 23 SRge: 30 E Blk:
 Survey: 560' FSL & 330' FWL API:
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3232' GL: 3219'
 Contractor: PATTERSON #141 Spud Date: 3/21/01
 Depth Logged: From: 4000' To: 7550'
 Date Logged: From: 3/27/01 To: 4/4/01
 Logger: POWELL/NORMAN Unit: # 7

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

165 3232

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component:
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





sucto, incrs argil, sm
sandy

****NOTE****

DRILLING FLUID HAS
CONTAMINATES FROM
PREVIOUS WELLS, ALL
SAMPLES FLUOR. & CUT.

SS: frstd, clr, vf-fn gr,
s/ang-s/rnd, sm ang,
pred uncon, fr-wl srt
sm clr calcite xin, fr
srt, 40% brite lt yel

SH: blk, dk brn, blk, frm
mod hrd, tr v/fn mica
aren, sli calc ip

SS: frstd, buff, vfn-fn
grn, pred consol, fr
cmt, fr-gd srt, calc-
cly mtrx, qrtz, subrnd,
fri, calc, occ argil

LS: brn, tn, buff, crm, vfn
=micxin, hrd, sm mott,
pred dns, occ silic,
argil, aren, tr v/fn
mica

SS: frstd, buff, v/lt gry
vfn fn grn, pred con
sol, frly cmt, wl srt
calc mtrx, qrtz, subrnd
fri, lmy, argil, 30-40%
brt yel fluor, w/ a
good fst brt wht evn
wet cut

SS: frstd, tn, lt brn, buf
vf-fn gr, pred fr cons
w/incrs amt lsly cons
fr-prly cmt w/calc &
cly mtrx, s/ang-s/rnd,
pred vry calc, sm sli
argil ip, 20%-25% brit
yell/gld fluor w/fr-
good fst even wht cut

PLU 165

LS: buff, tn, lt brn, sme
brn, mic-vfn vln, hrd-

WOB 60K
RPM 50

SPM 56
PP 1500

DHN

2.5 5

04/03/0

2.5 5

WOB 60K
RPM 50
SPM 56
PP 1500

(GHE)

MW 9.2
VIS 40

PH 9
WL 160
CL 178K

100 200 300

100 200 300

100 200 300

MW 9.3
VIS 36
PH 10
WL
CL 178K

PLU #166

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #166
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Field: Nash Draw (Delaware)
 Location: 660 FNL and 660 FWL
 Well: Poker Lake Unit #166
 Company: Bass Enterprises Production Co

Schlumberger
 Platform Express
 Three Detector Litho-Density
 Compensated Neutron / GR

660 FNL and 660 FWL
 Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: K.B. 3242.4 ft
 G.L. 3229 ft
 D.F. 3241.1 ft

Elev.: 3229 ft
 13.4 ft above Perm. Datum

API Serial No. 30-015-31695
 SECTION 5
 TOWNSHIP 24S
 RANGE 30E

Logging Date	31-MAY-2001
Run Number	One
Depth Driller	7465 ft
Slumberger Depth	7462 ft
Bottom Log Interval	7447 ft
Log Interval	200 ft
Log Interval @ Depth	8.625 in @ 575 ft
Log Interval @ Depth	575 ft @ 575 ft
Log Interval @ Depth	7.875 in @ 575 ft
Fluid in Hole	Diesel / Brine / Emulsion
Viscosity	9.1 lbm/gal 42 s
PH	9.5
Loss	Circulation Tank
Measured Temperature	0.074 ohm.m @ 82 degF
Measured Temperature	0.063 ohm.m @ 85 degF
Measured Temperature	@ @ @
Measured Temperature	Pressed Sample @ 114
RMF @ MRT	0.054 @ 114 0.048 @ 114
RMF @ MRT	114 degF @ 114
Recorded Temperatures	31-MAY-2001 16:30
Recorded Temperatures	1-JUN-2001 0:15
Location	W.H. Morris
Location	Simianne Hayden

166

MCM

HILTB-CTS OP91-kp2

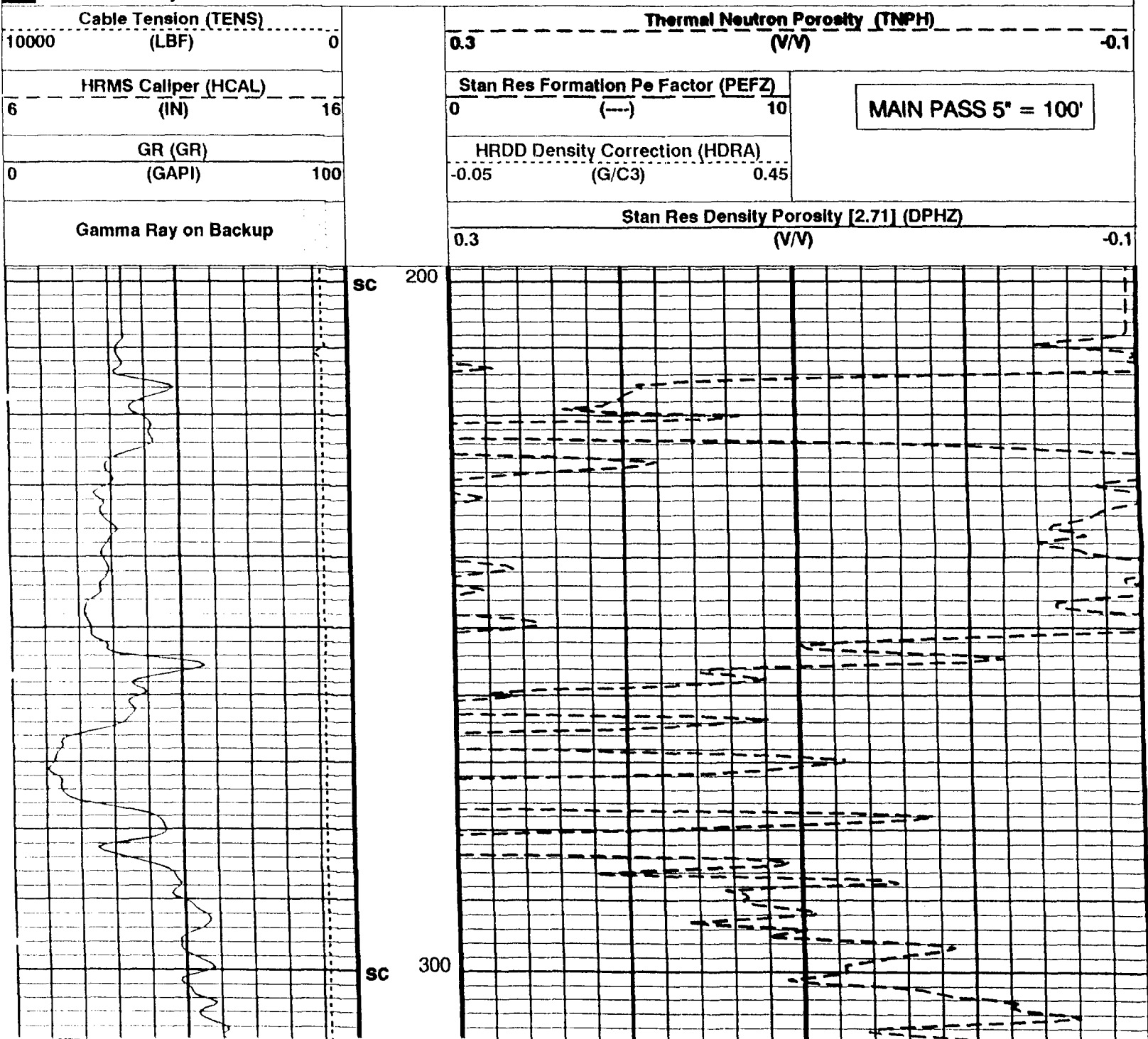
Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	492.3 02:56:54
GCSE	BS	HCAL	492.3 02:56:57

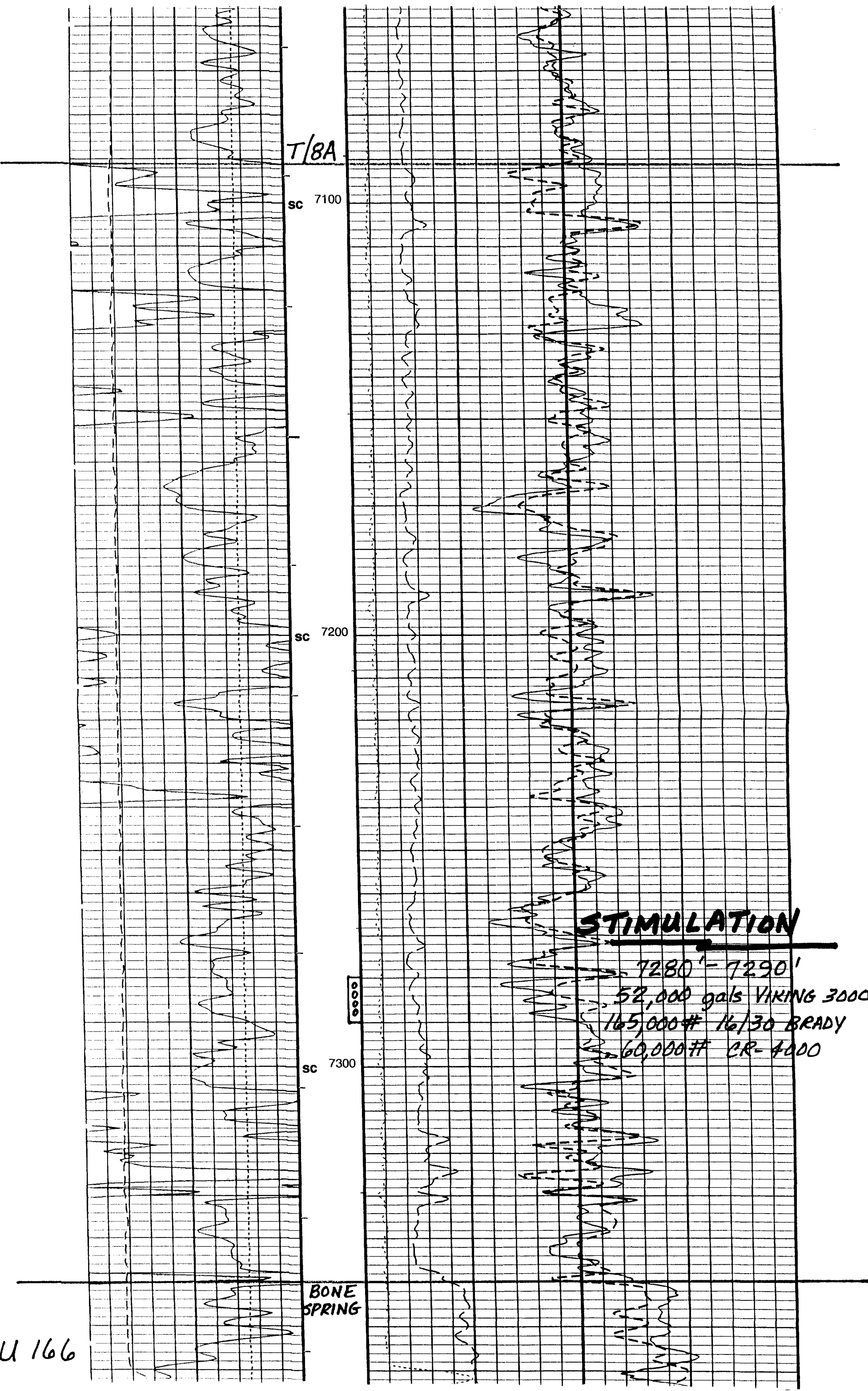
PIP SUMMARY

- └ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S



PLU 166



COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #166
FIELD: Nash Draw (Delaware)
COUNTRY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 660 FNL and 660 FWL
 Well: Poker Lake Unit #166
 Company: Bass Enterprises Production Co

Schlumberger Platform Express
 Array Induction Tool
 Micro-CFL / Gamma Ray

660 FNL and 660 FWL
 Elev.: K.B. 3242.4 ft
 G.L. 3229 ft
 D.F. 3241.1 ft

Permanent Datum: _____ Ground Level _____
 Log Measured From: Kelly Bushing _____
 Drilling Measured From: Kelly Bushing _____

Elev.: 3229 ft
 13.4 ft above Perm. Datum

API Serial No. 30-015-31695 SECTION 5 TOWNSHIP 24S RANGE 30E
 Logging Date 31-MAY-2001

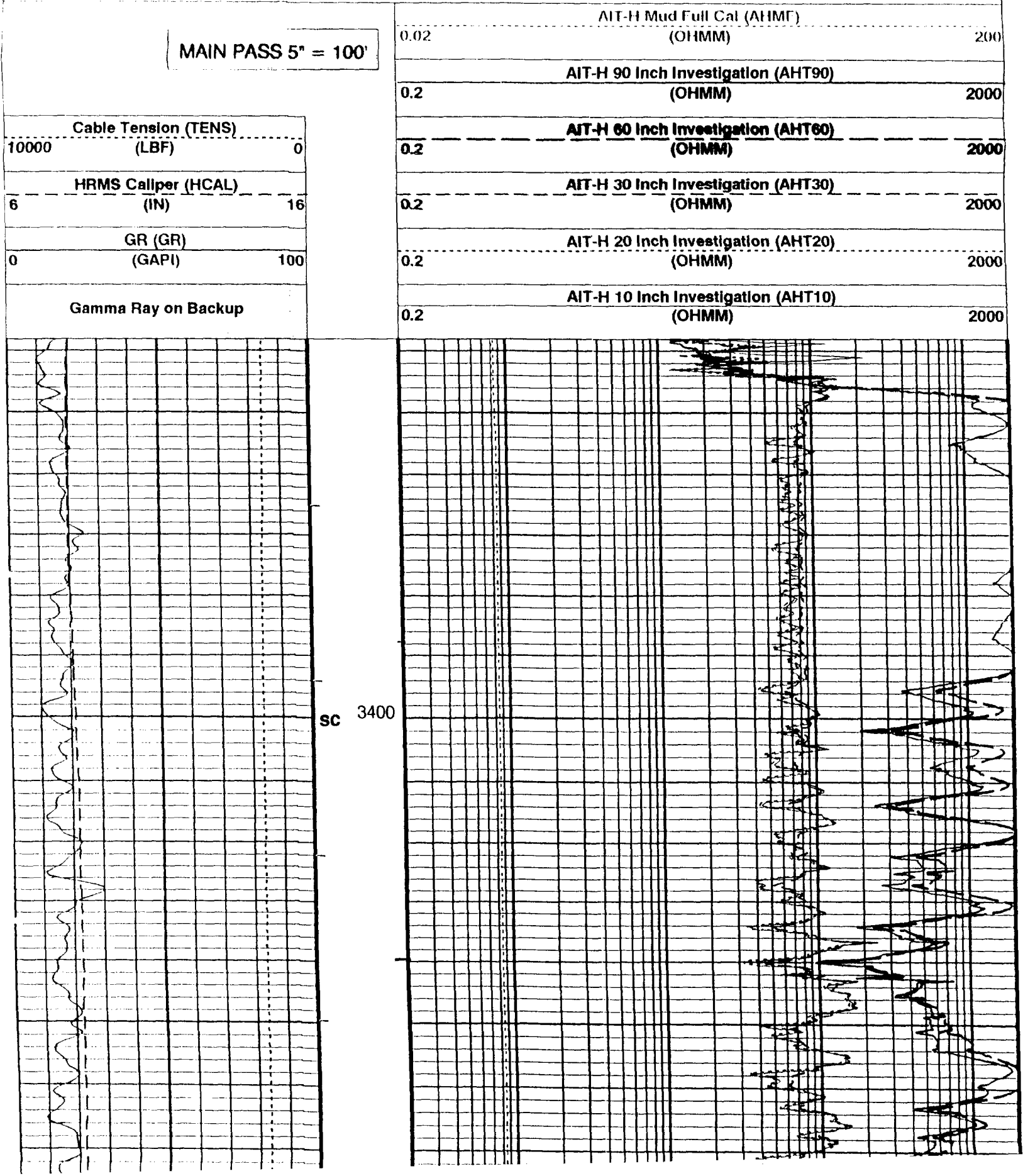
Run Number	One
Depth Driller	7465 ft
Schlumberger Depth	7462 ft
Bottom Log Interval	7457 ft
Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 575 ft
Casing Schlumberger	575 ft
Bit Size	7.875 in
Type Fluid In Hole	Diesel / Brine / Emulsion
Density	9.1 lbm/gal
Viscosity	42 s
PH	9.5
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.074 ohm.m @ 82 degF
RMF @ Measured Temperature	0.063 ohm.m @ 85 degF
RMC @ Measured Temperature	@ @ @
Source RMF	RMC
RM @ MRT	0.054 @ 114 0.048 @ 114
Maximum Recorded Temperature	114 degF
Circulation Stopped	31-MAY-2001 16:30
Logger On Bottom	1-JUN-2001 0:15
Unit Number	3178 Roswell, NM
Recorded By	W.H. Morris
Witnessed By	Simianne Hayden

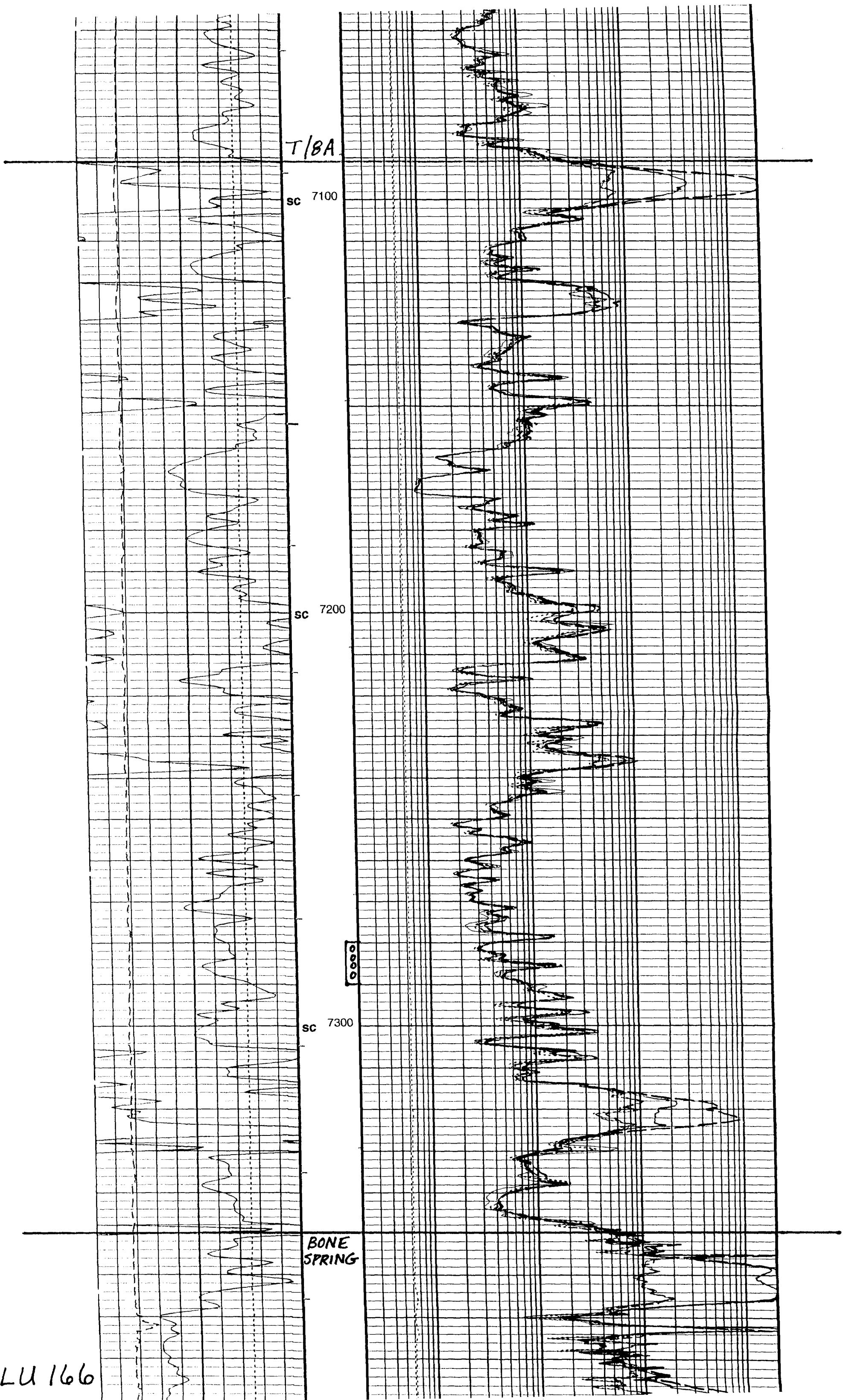
PIP SUMMARY

- ┌ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- ┌ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

MAIN PASS 5" = 100'





T/BA

sc 7100

sc 7200

sc 7300

BONE
SPRING















PLU 166

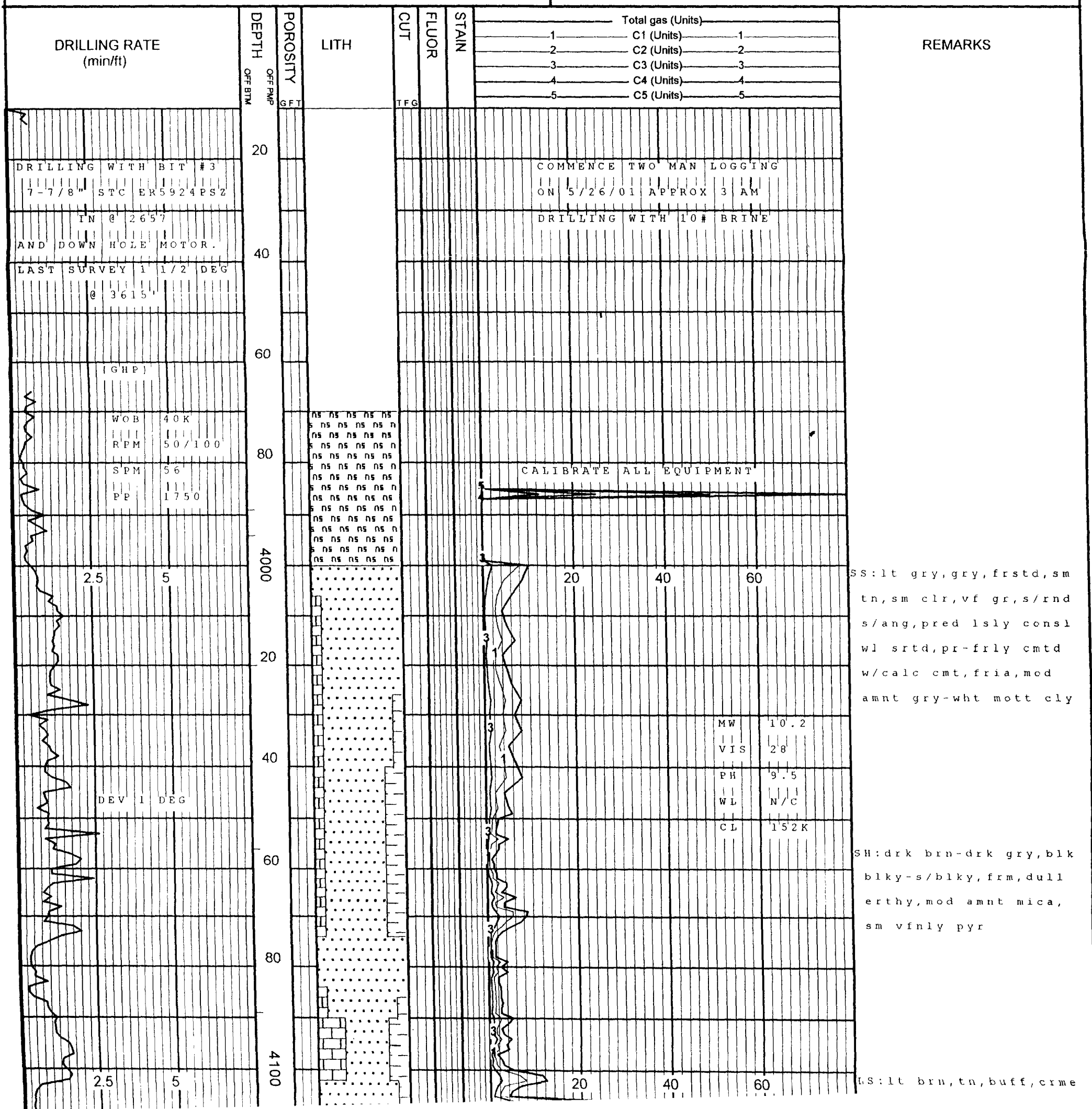
Company: BASS ENTERPRISES PROD. CO.
Well: POKER LAKE UNIT #166
Location: Sec: 5 Twn: 24 SRge: 30 E Blk:
Survey: 660' FNL & 660' FWL API:
County: EDDY State: NEW MEXICO
Elevation: KB: 3242' GL: 3229'
Contractor: PATTERSON #141 Spud Date: 5/21/01
Depth Logged: From: 4000' To: 7465'
Date Logged: From: 5/26/01 To: 5/31/01
Logger: POWELL/TINE Unit: #6

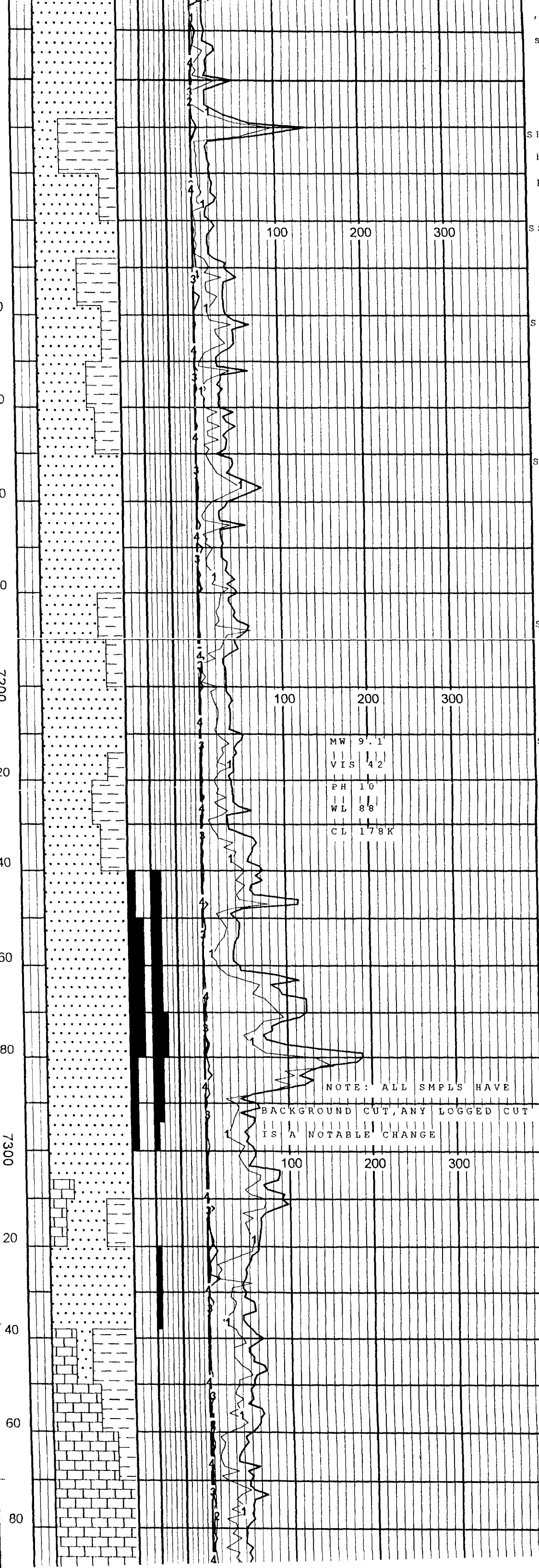
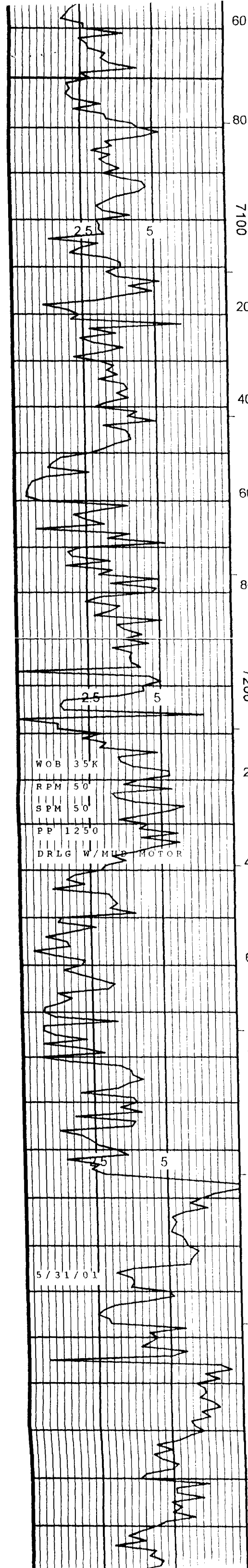
MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
Chromatograph Calibration: 1 Unit = 100 ppm of each component:
Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





qt, cnsl fria, w/lm cmt
 , sm cly mtrx, wl/srtd,
 sbrnd

 SH: dk. brn, blk, sm brn,
 biky, sm tab, frm, v/fn
 pyr sett thru out

 SS: offwht, tn, sm lt. brn
 , v/f gr, mod cnsl-fria
 , lm cmt, arg mtrx, tr
 brn stn, wl/srtd
 SH: dk. brn, brn, sm brn-
 gry, blk, sm tab, frm,
 v/f grny tex

 SS: wht-lt. gry, clr, v/f
 gr, lsly cnsl, sm fria,
 wl/srtd, sbrnd, no fluo

 SH: med brn, dk. brn, tab-
 biky, frm, aren thru
 out

 SS: offwht, lt. brn, tn, v/
 f gr, mod cnsl, sm fria
 , lm cmt, arg mtrx

 SS: lt. brn, lt. gry, bff,
 v/f gr, fria-mod cnsl,
 w/lm cmt, wl/srtd, 40%
 blu-wht fluor, fast ev
 cut, sm strmg
 SS: offwht, lt. brn, v/f
 gr, fria-lsly cnsl, lm
 cmt, wl/srtd, 40-60% bt
 blu-wht flior, fast
 even wet cut

 LS: brn, tn, microxln, dns
 , sm mott, arg in pt

 SS: lt. gry, lt. brn, offwt
 , v/f gr, fria-mod cnsl
 , lm cmt, sm arg mtrx,
 tite, 20% yell fluor

 SH: dk. brn, brn, blk-plt
 , sm lm inclus, frm-mod
 hrd, grd to shly ls
 in pt
 LS: brn, sm tn, dk. brn,
 v/f-microxln, dns, mod
 hrd

WOB 35K
 RPM 50
 SPM 50
 PP 1250
 DRLG W/MIS MOTOR

MW 9.1
 VIS 42
 PH 10
 WL 88
 CL 178K

NOTE: ALL SMPLS HAVE
 BACKGROUND CUT, ANY LOGGED CUT
 IS A NOTABLE CHANGE

5/31/01

PLU 166

PLU # 150

COMPANY: Bass Enterprises Production Co.
WELL: Poker Lake Unit #150
FIELD: Nash Draw (Delaware)
COUNTY: Eddy **STATE:** New Mexico

Platform Express
Three Detector Litho-Density
Compensated Neutron / GR

760 FNL and 810 FEL
 Elev.: K.B. 3278.5 ft
 G.L. 3265.3 ft
 D.F. 3277.5 ft

Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: 3265.3 ft
 13.2 ft above Perm. Datum

API Serial No. 30-015-31538
 SECTION 6
 TOWNSHIP 24S
 RANGE 30E

Logging Date	18-APR-2001
Run Number	One
Depth Driller	7550 ft
Schlumberger Depth	7554 ft
Bottom Log Interval	7538 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 600 ft
Casing Schlumberger	7.875 in
Bit Size	Brine Mud / Starch / Gel
Type Fluid In Hole	9.2 lbm/gal 42 s
Density	PH 10.5
Fluid Loss	Circulation Tank
Source Of Sample	FM @ Measured Temperature 0.313 ohm.m @ 70 degF
FM @ Measured Temperature	0.235 ohm.m @ 70 degF
RMF @ Measured Temperature	RM @
RMF @ Measured Temperature	RM @
RMF @ MRT	0.206 @ 110 0.154 @ 110
Recorded Temperatures	110 degF @ 110
Stopped	18-APR-2001 6:00
Bottom	18-APR-2001 11:45
Location	3178 Roswell, NM
By	W.H. Morris
	George Hillis

150

OP System Version: 9C1-303
MCM

HILTC OP91-kp2

PIP SUMMARY

- └ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

Time Mark Every 60 S

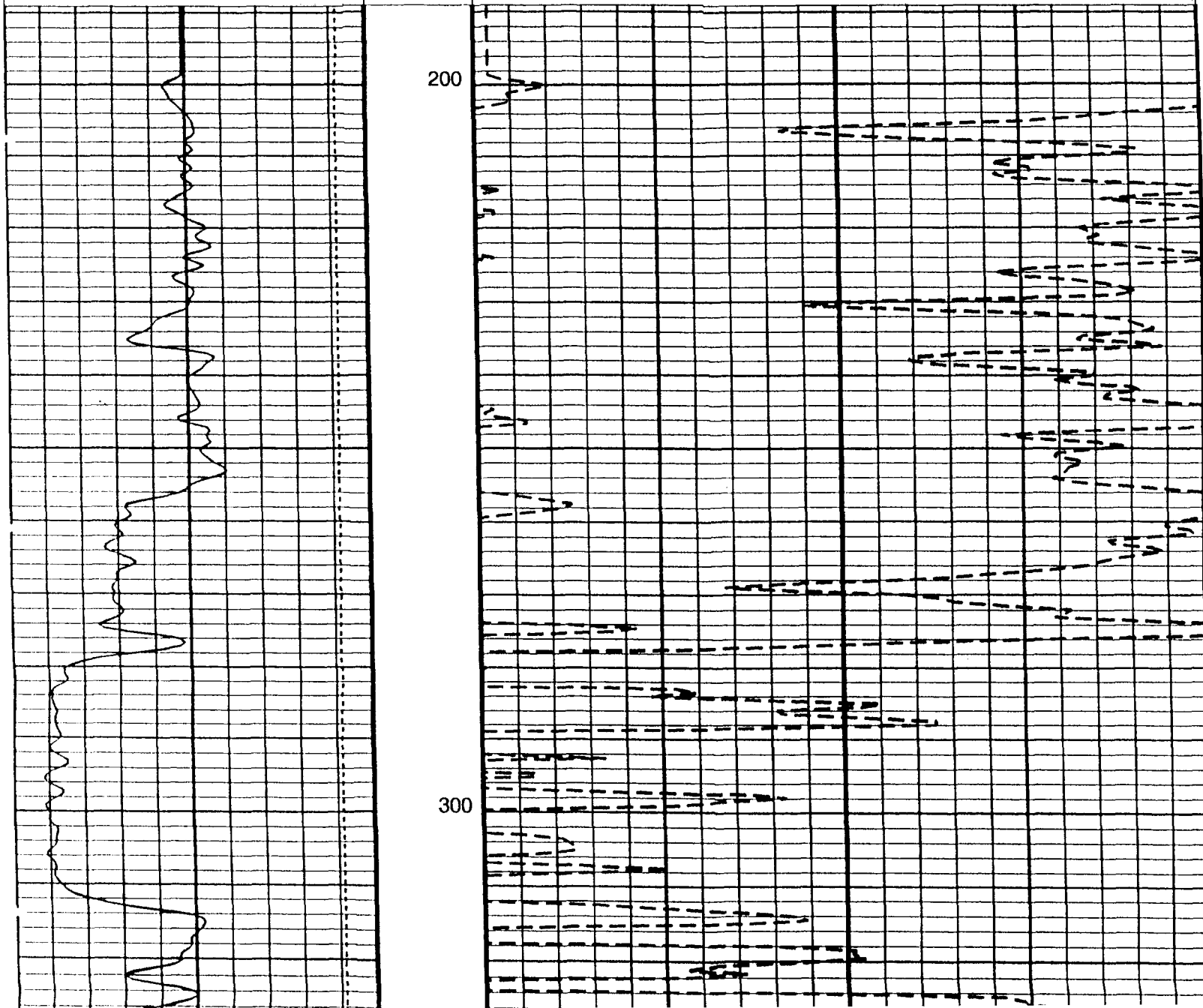
Cable Tension (TENS)	0
(LBF)	
HRMS Caliper (HCAL)	16
(IN)	
GR (GR)	100
(GAPI)	

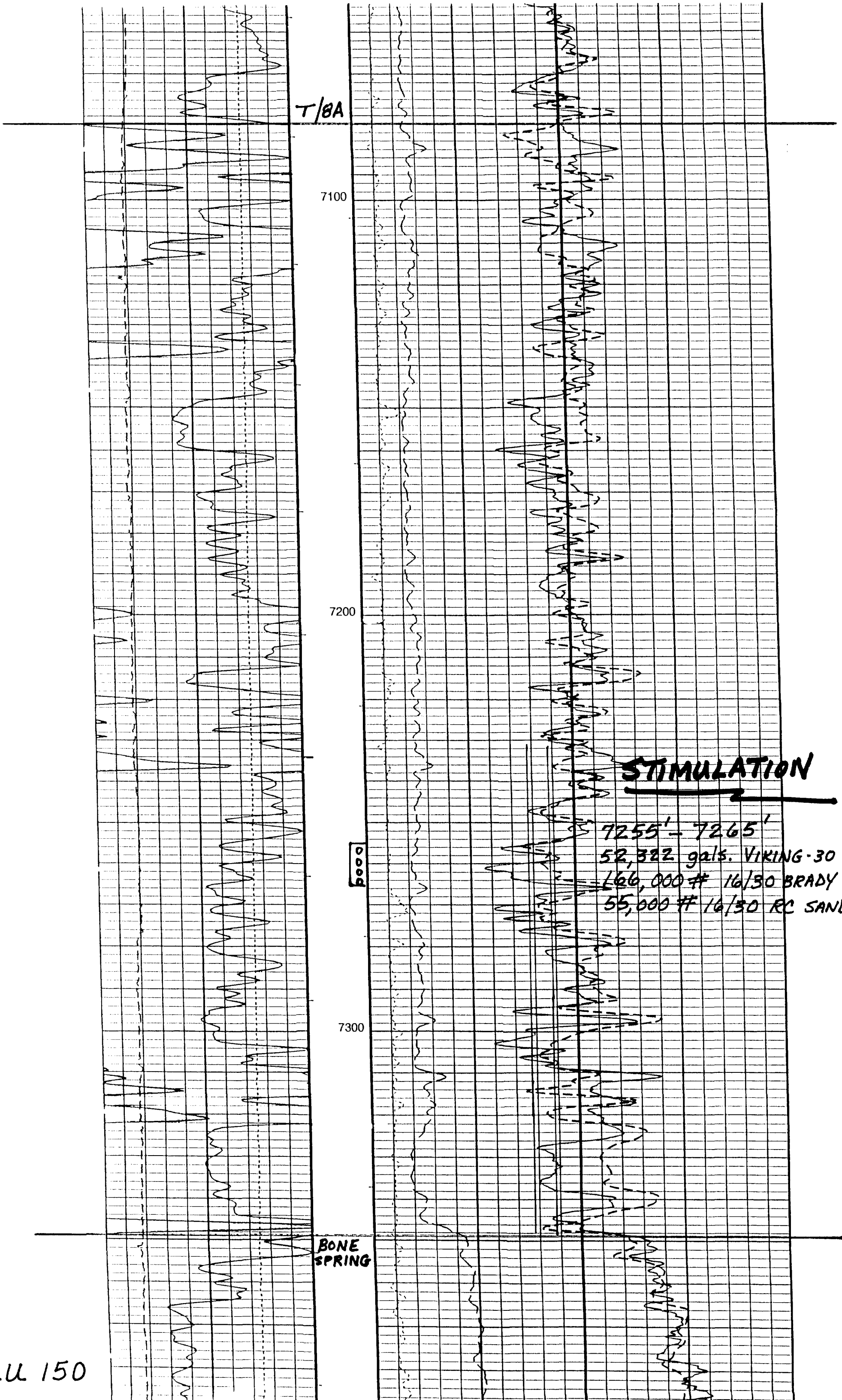
Thermal Neutron Porosity (TNPH)	-0.1
(V/V)	
Stan Res Formation Pe Factor (PEFZ)	10
(---	
HRDD Density Correction (HDRA)	0.45
(G/C3)	

MAIN PASS 5' = 100'

Stan Res Density Porosity [2.71] (DPHZ)	-0.1
(V/V)	

Gamma Ray on Backup





T/BA

7100

7200

BOBO

7300

BONE SPRING

STIMULATION

7255' - 7265'

52,322 gals. VIKING-30

166,000 # 16/30 BRADY

55,000 # 16/30 RC SAND

COMPANY: Bass Enterprises Production Co.
WELL: Poker Lake Unit #150
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 760 FNL and 810 FEL
 Well: Poker Lake Unit #150
 Company: Bass Enterprises Production Co

Schlumberger
 Platform Express
 Array Induction Tool
 Micro-CFL / Gamma Ray

760 FNL and 810 FEL
 Permanent Datum: _____ Ground Level: _____
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: K.B. 3278.5 ft
 G.L. 3265.3 ft
 D.F. 3277.5 ft

Elev.: 3265.3 ft
 13.2 ft above Perm. Datum

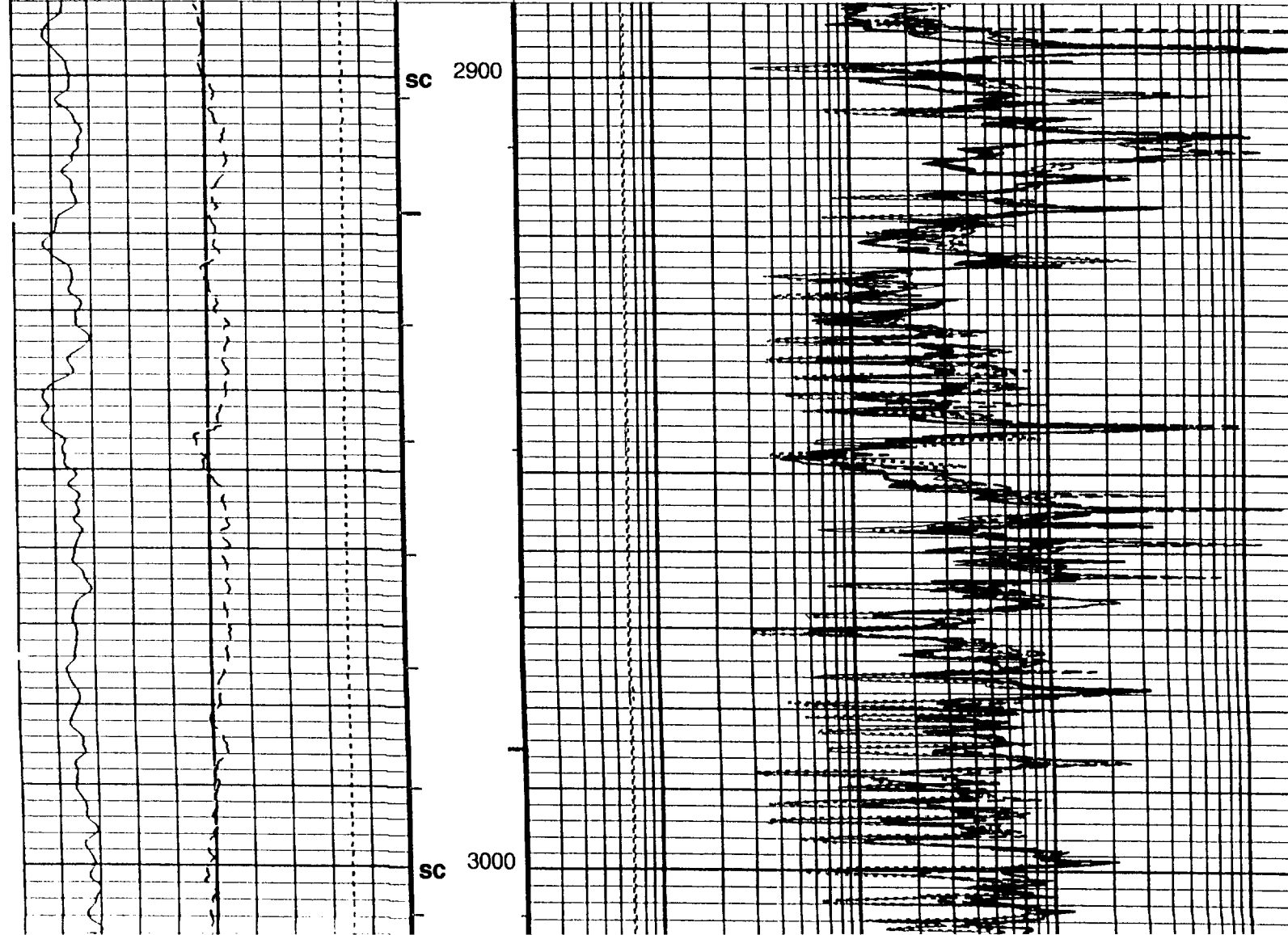
API Serial No. 30-015-31538 SECTION 6 TOWNSHIP 24S RANGE 30E
 Logging Date 18-APR-2001

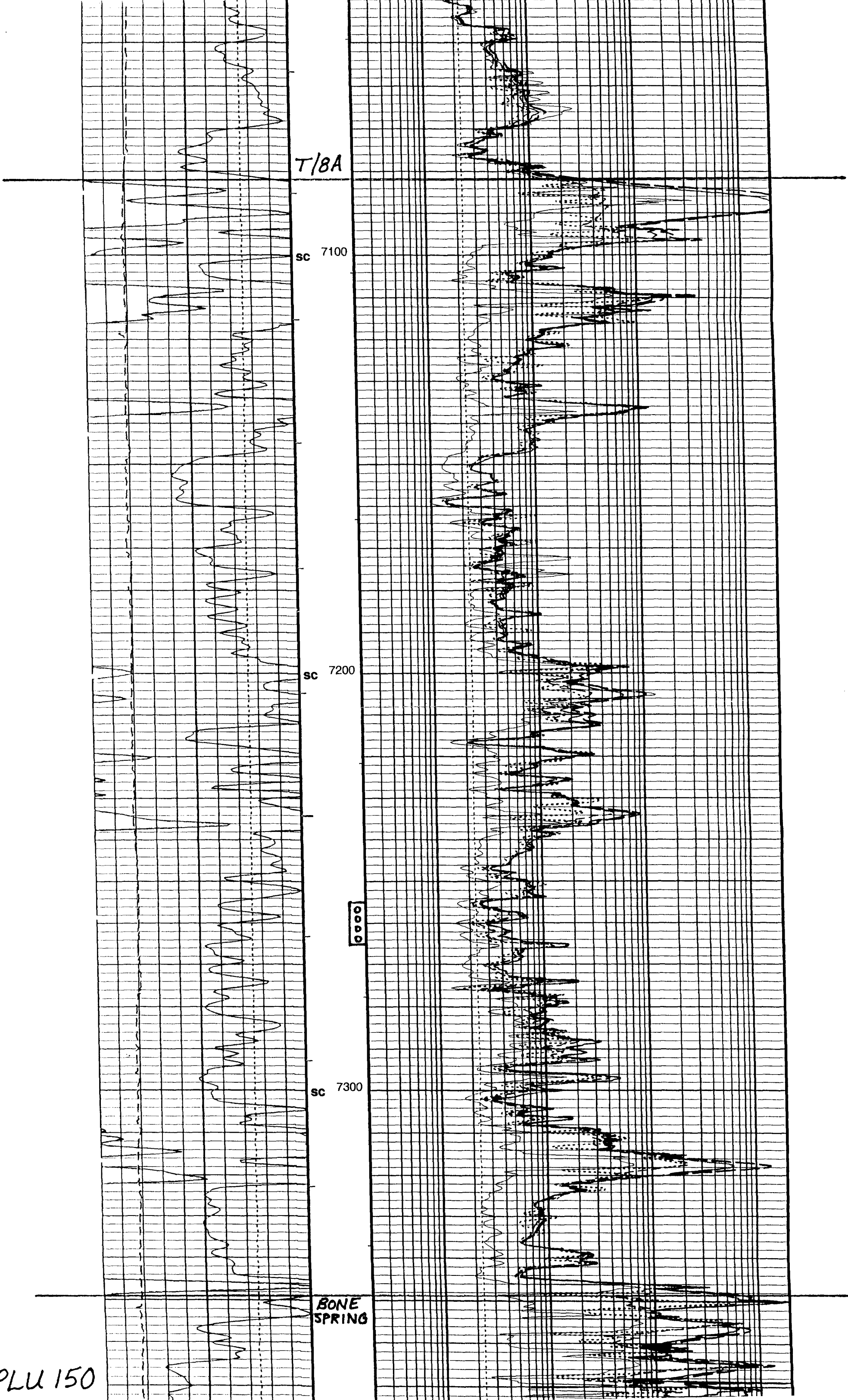
Run Number	One
Depth Driller	7550 ft
Schlumberger Depth	7554 ft
Bottom Log Interval	7548 ft
Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 600 ft
Casing Schlumberger	600 ft
Bit Size	7.875 in
Type Fluid In Hole	Brine Mud / Starch / Gel
Density	9.2 lbm/gal
Viscosity	42 s
PH	10.5
Fluid Loss	
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.313 ohm.m @ 70 degF
RMF @ Measured Temperature	0.235 ohm.m @ 70 degF
RMC @ Measured Temperature	@ @
Source RMF	Rm
RM @ MRT	0.206 @ 110 0.154 @ 110
RMF @ MRT	110 degF @ 110
Maximum Recorded Temperatures	110 degF
Circulation Stopped	18-APR-2001 6:00
Logger On Bottom	18-APR-2001 11:45
Unit Number	3178 Roswell, NM
Recorded By	W.H. Morris
Witnessed By	George Hillis

Changed Parameter Summary			
DLIS Name	New Value	Previous Value	Depth & Time
BHT	110 DEGF	212 DEGF	7457.8 12:13:22

PIP SUMMARY
 Integrated Borehole Volume Every 10 F3
 Integrated Borehole Volume Every 100 F3
 Integrated Annulus Volume Every 10 F3
 Integrated Annulus Volume Every 100 F3
 Time Mark Every 60 S

MAIN PASS 5" = 100'	
AIT-H Mud Full Cal (AHMF) (OHMM)	200
AIT-H 90 Inch Investigation (AHT90) (OHMM)	2000
AIT-H 60 Inch Investigation (AHT60) (OHMM)	2000
AIT-H 30 Inch Investigation (AHT30) (OHMM)	2000
AIT-H 20 Inch Investigation (AHT20) (OHMM)	2000
AIT-H 10 Inch Investigation (AHT10) (OHMM)	2000





T/BA

sc 7100

sc 7200

sc 7300

0000













BONE
SPRING

PLU 150

Company: BASS ENTERPRISES PROD. CO.
Well: POKER LAKE UNIT #150
Location: Sec: 6 Twn: 24 SRge: 30 E Blk: _____
Survey: 760' FNL & 810' FEL API: _____
County: EDDY State: NEW MEXICO
Elevation. KB: 3280 GL: 3267
Contractor: PATTERSON #141 Spud Date: 4/8/01
Depth Logged: From: 4000' To: 7550'
Date Logged: From: 4/12/01 To: 4/18/01
Logger: POWELL/MORRIS Unit: #15

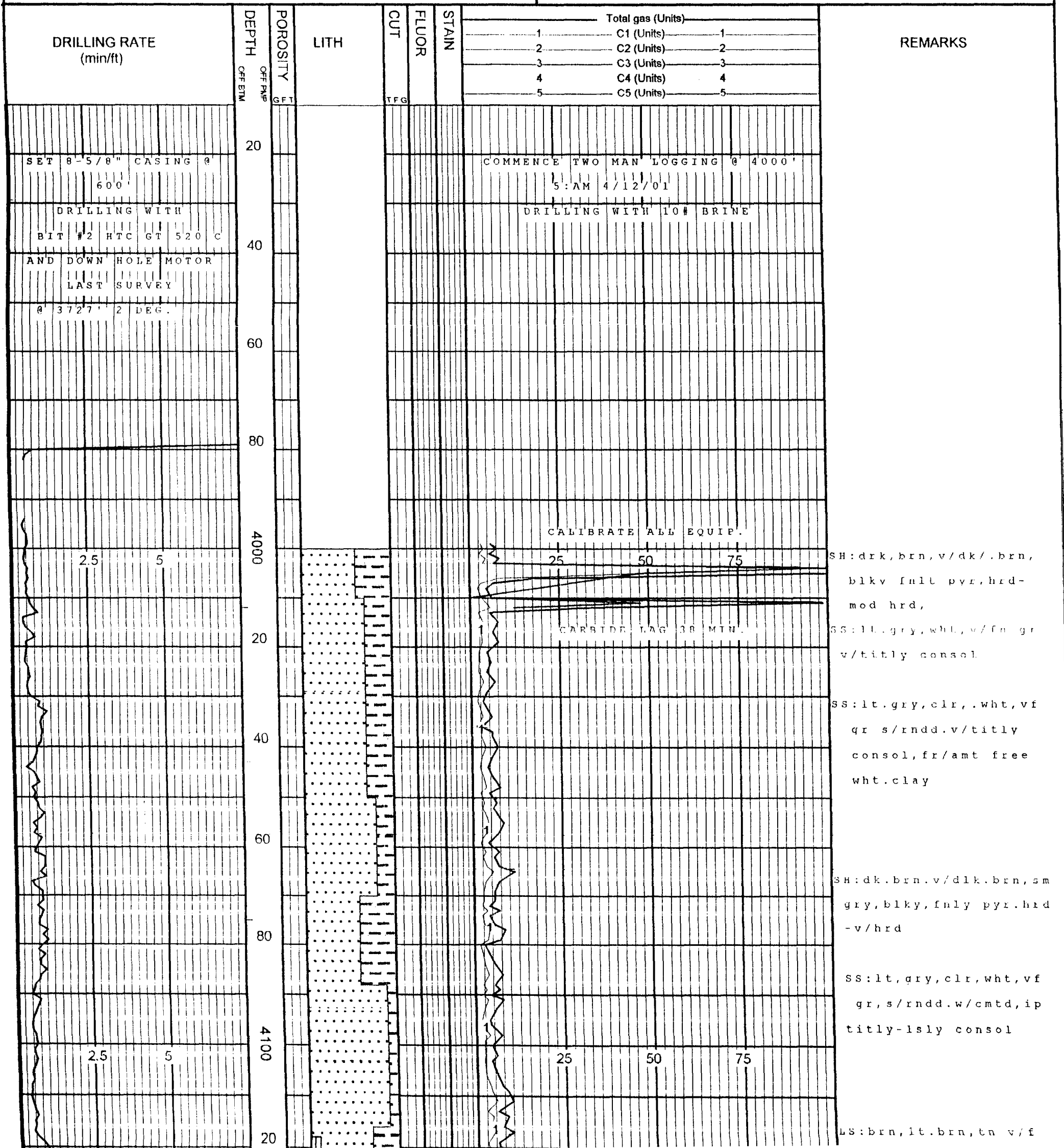
MORCO GEOLOGICAL SERVICES

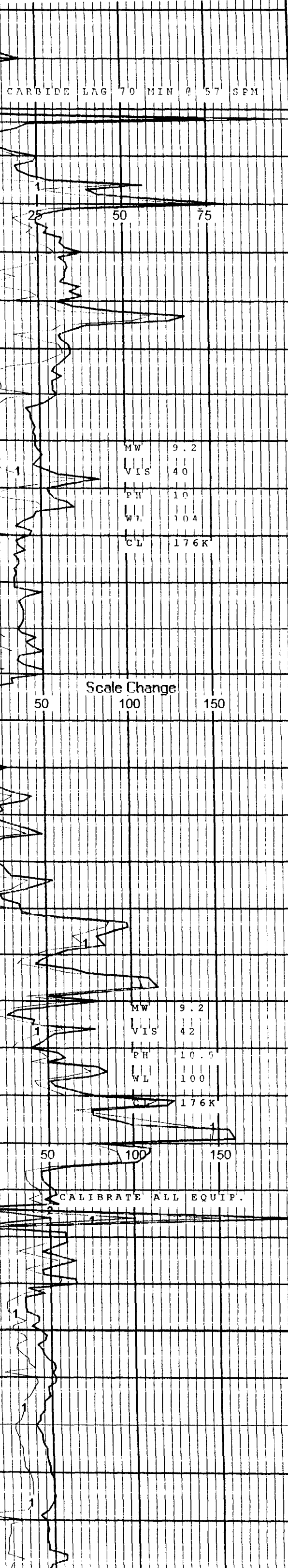
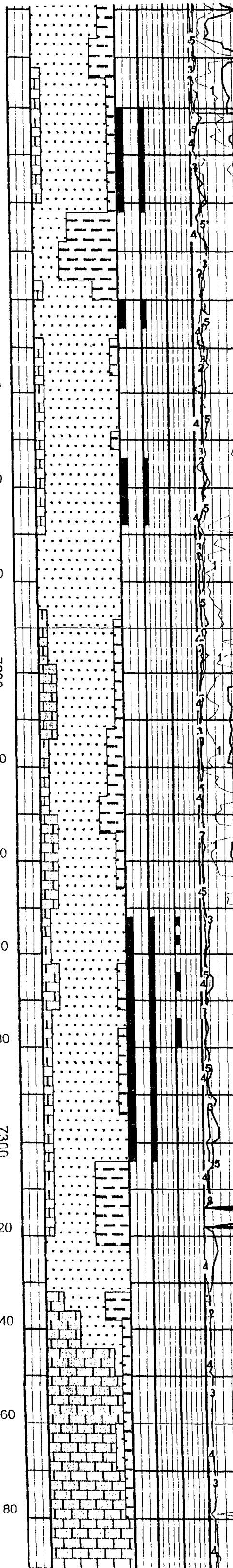
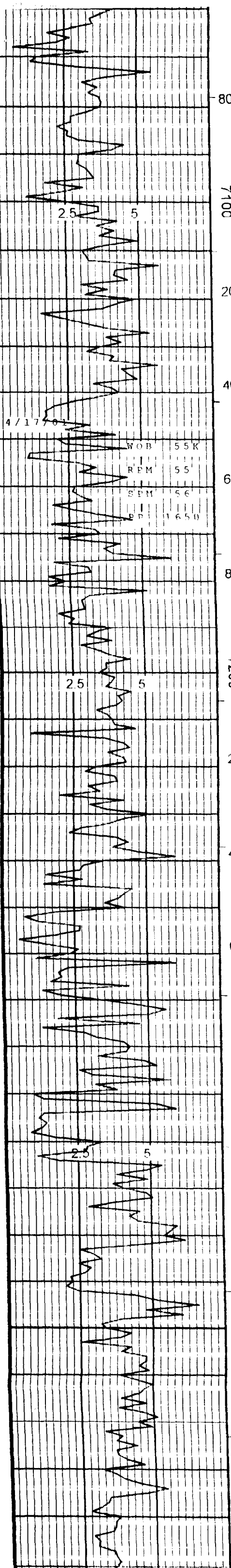
Carlsbad, New Mexico - (800) 748-2340

 Shale	 Limestone	 Salt
 Siltstone	 Dolomite	 Igneous
 Sandstone	 Anhydrite	 Metamorphic
 Conglomerate	 Chert	 No Sample

KB 3279

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
Chromatograph Calibration: 1 Unit = 100 ppm of each component
Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





amt sli argil, sm gry
wht mott cly

CARBIDE LAG 70 MIN @ 57 SPM

SH: blk, drk gry, drk brn
biky, frm, pred carb, sm
calc, dull erthy, sm v/
mica, tr vfnly pyr

SS: frstd, clr, lt gry, vf
gr, s/ang-s/rnd, pred
uncens, mod amt litely
consl, wl frly srted, sm
scattered fn gr, mod amnt
gry-wht mott cly, 15%-
20% brite yell fluor
w/tr fst evn mlk pale
yel wet cut, t fltg gr

SS: frstd, clr, lt gry, vf
fn gr, s/ang-s/rnd, sm
rddd, pred unconsl, sm
lately consl, fr-well
srted, 15%-20% brite
yell fluor w/tr-fr
fst even mlky pale
yell wet cut, tr fltg
gr

SH: dk brn, dk gry, gry
biky, v/frm-hrd, sm stt
erthy, tr scattered vfn
pyrt, carb

LS: lt brn, buff, brn, gry
crme, mic-vfn xin, frm,
pred argil, mod amnt
aren ip, vfnly sucro

SS: lt gry, gry, frstd,
mod amt clr, vfn-fn gr
fr-lsly consl, fr srted
mod cmt w/calc cmt
tr-fr free fn gr, pred
s/ang, mod amt rddd, 15
20% brite yell fluor,
w/tr-fr amt fst even
mlky pale yell wet cut
li-scattered lt brn dead
oil stn, mod amt fltg
gr

SH: drk gry, drk brn, blk
frm-hrd, blk-s/blk,
pred carb, sm calc, dul
erthy, sm sli mica-v/
mica, tr vfn embd pyr

LS: gry, lt brn, tn, vfn
xln, frm-mod hrd, sm
mott, pred argil

WOB 55K
REM 55
SPM 56
BPI 1650

MW 9.2
VIS 40
FH 10
WL 104
CL 176K

Scale Change
100 150

MW 9.2
VIS 42
FH 10.5
WL 100
CL 176K

CALIBRATE ALL EQUIP.

PLU 150

PLU # 151

COMPANY: Bass Enterprises Production Company

WELL: Poker Lake Unit #151

FIELD: Nash Draw (Delaware)

COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Triple Detector Litho-Density
Compensated Neutron

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 510' FNL & 1980' FEL
 Well: Poker Lake Unit #151
 Company: Bass Enterprises Production Co

LOCATION		510' FNL & 1980' FEL Section 6, Township 24S, Range 30E		Elev.: K.B. 3258 ft G.L. 3244.6 ft D.F. 3256.7 ft	
Permanent Datum:		GROUND LEVEL		Elev.: 3244.6 ft	
Log Measured From:		KELLY BUSHING		13.4 ft above Perm. Datum	
Drilling Measured From:		KELLY BUSHING			
API Serial No.	SECTION	TOWNSHIP	RANGE		
30-015-31595	6	24S	30E		
Logging Date	1-MAY-2001				

Run Number	ONE
Depth Driller	7430 ft
Schlumberger Depth	7406 ft
Bottom Log Interval	7389 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 575 ft
Casing Schlumberger	567 ft
Bit Size	7.875 in
Type Fluid In Hole	BRINE
Density	9 lbm/gal
Viscosity	46 S
Fluid Loss	100 cm3
PH	9.5
Source Of Sample	CIRCULATION PIT
RM @ Measured Temperature	0.081 ohm.m @ 95 degF
RMF @ Measured Temperature	0.081 ohm.m @ 95 degF
RMC @ Measured Temperature	@ @
Source RMF	RMC
RM @ MRT	FMF @ MRT
0.065 @ 120	0.065 @ 120
Maximum Recorded Temperature	120 degF
Time	11:30
in Stopped	1-MAY-2001
in Bottom	Time
3076	HOBBBS, NM
3076	HOBBS, NM
Location	3076
Time	20:30
1 By	MBOOMGARDEN
d By	SIMIANNE HAYDEN

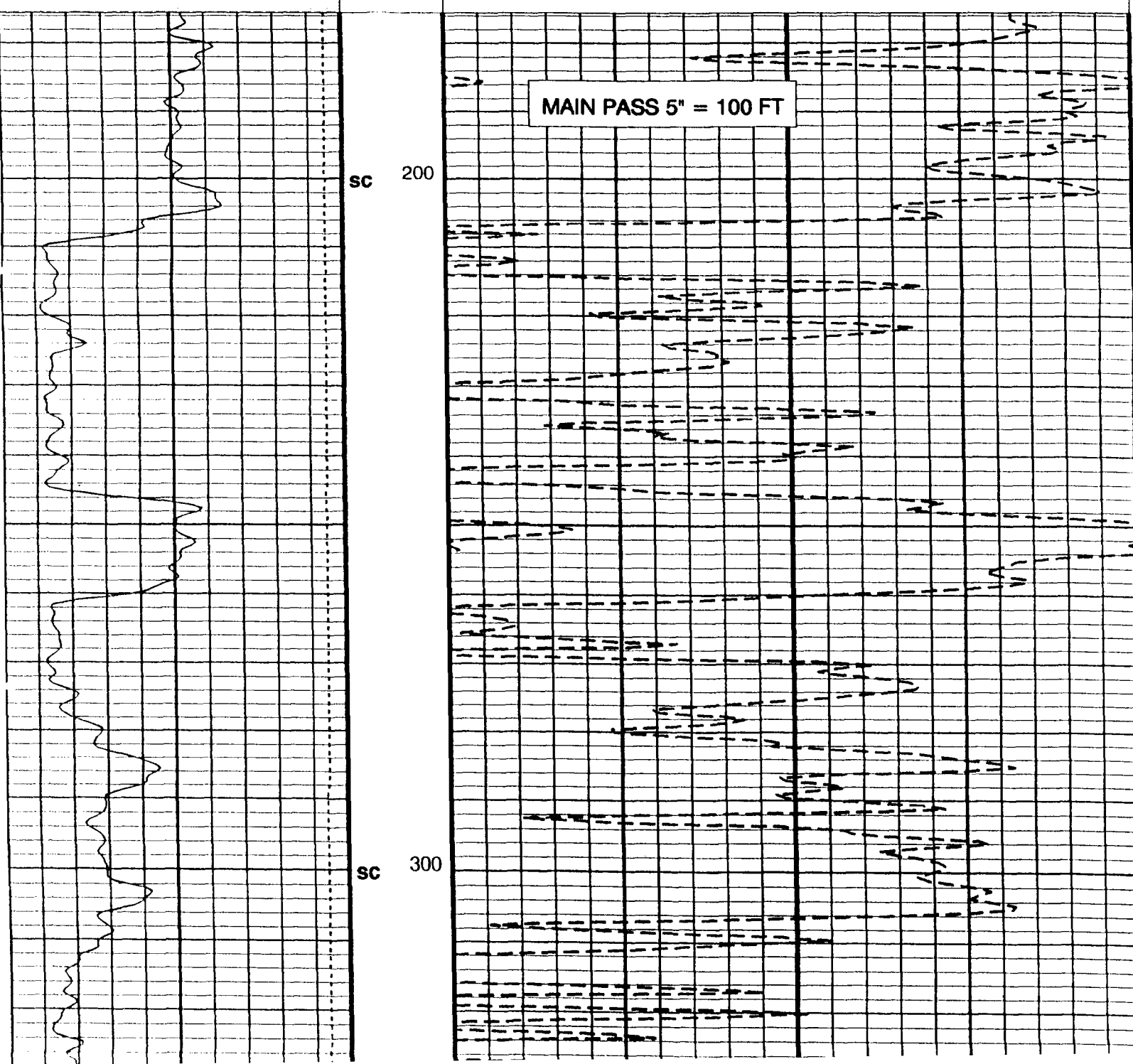
PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

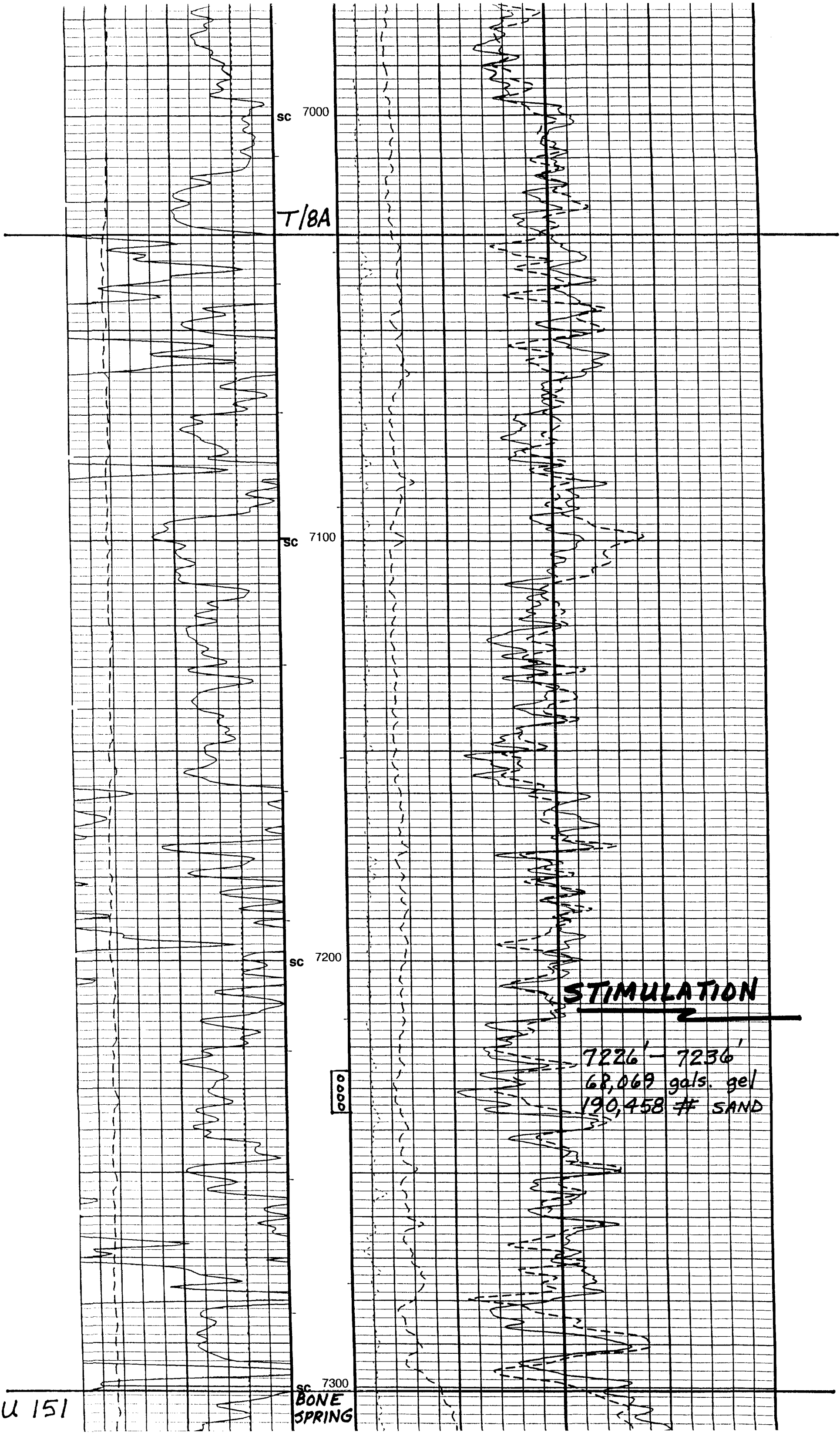
Tension (TENS)	0
(LBF)	10000
Caliper (HCAL)	16
(IN)	6
Gamma Ray (GR)	100
(GAPI)	0
Gamma Ray Backup	

Env. Corr. Thermal Neutron Porosity (TNPH)	-0.1
(V/V)	0.3
Std. Res. Formation Pe (PEFZ)	10
(---)	0
Density Correction (HDRA)	0.45
(G/C3)	-0.05
Std. Res. Density Porosity (DPHZ)	-0.1
(V/V)	0.3



151

PLU 151



sc 7000

T/8A

sc 7100

sc 7200

0000

STIMULATION

7226' - 7236'
68,069 gals. gel
190,458 # SAND

sc 7300
BONE
SPRING

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #151
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Array Induction Tool
Micro CFL / GR

510' FNL & 1980' FEL
 Section 6, Township 24S, Range 30E

Permanent Datum: GROUND LEVEL
 Log Measured From: KELLY BUSHING
 Drilling Measured From: KELLY BUSHING

Elev.: K.B. 3258 ft
 G.L. 3244.6 ft
 D.F. 3256.7 ft

Elev.: 3244.6 ft
 13.4 ft above Perm. Datum

API Serial No. SECTION TOWNSHIP RANGE
 30-015-31595 6 24S 30E

Logging Date 1-MAY-2001
 Run Number ONE
 Depth Driller 7430 ft
 Schlumberger Depth 7406 ft
 Bottom Log Interval 7398 ft
 Top Log Interval 3400 ft
 Casing Driller Size @ Depth 8.625 in @ 575 ft
 Casing Schlumberger 567 ft
 Bit Size 7.875 in
 Type Fluid In Hole BRINE
 Density 9 lbm/gal
 Viscosity 46 s
 Fluid Loss 100 cm3
 PH 9.5

MUD	
Source Of Sample	CIRCULATION PIT
RM @ Measured Temperature	0.081 ohm.m @ 95 degF
RMF @ Measured Temperature	0.081 ohm.m @ 95 degF
RMC @ Measured Temperature	@ @
Source RMF	RMC
RM @ MRT	0.065 @ 120 0.065 @ 120
Maximum Recorded Temperatures	120 degF 120
Circulation Stopped	1-MAY-2001 11:30
Logger On Bottom	1-MAY-2001 20:30
Unit Number	3076 HOBBS NM
Recorded By	M BOOMGAARDEN
Witnessed By	SIMIANNE HAYDEN

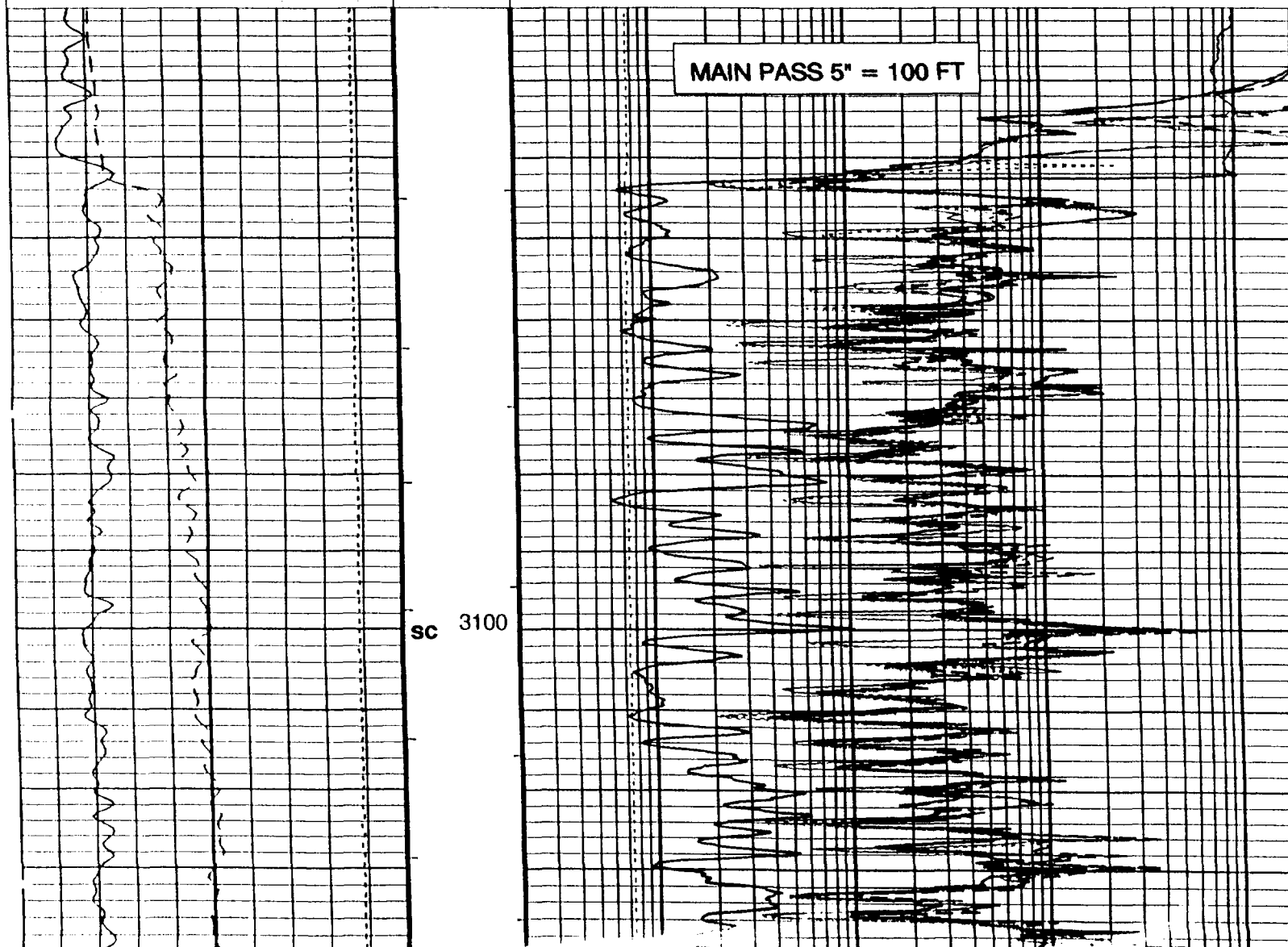
PIP SUMMARY

- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

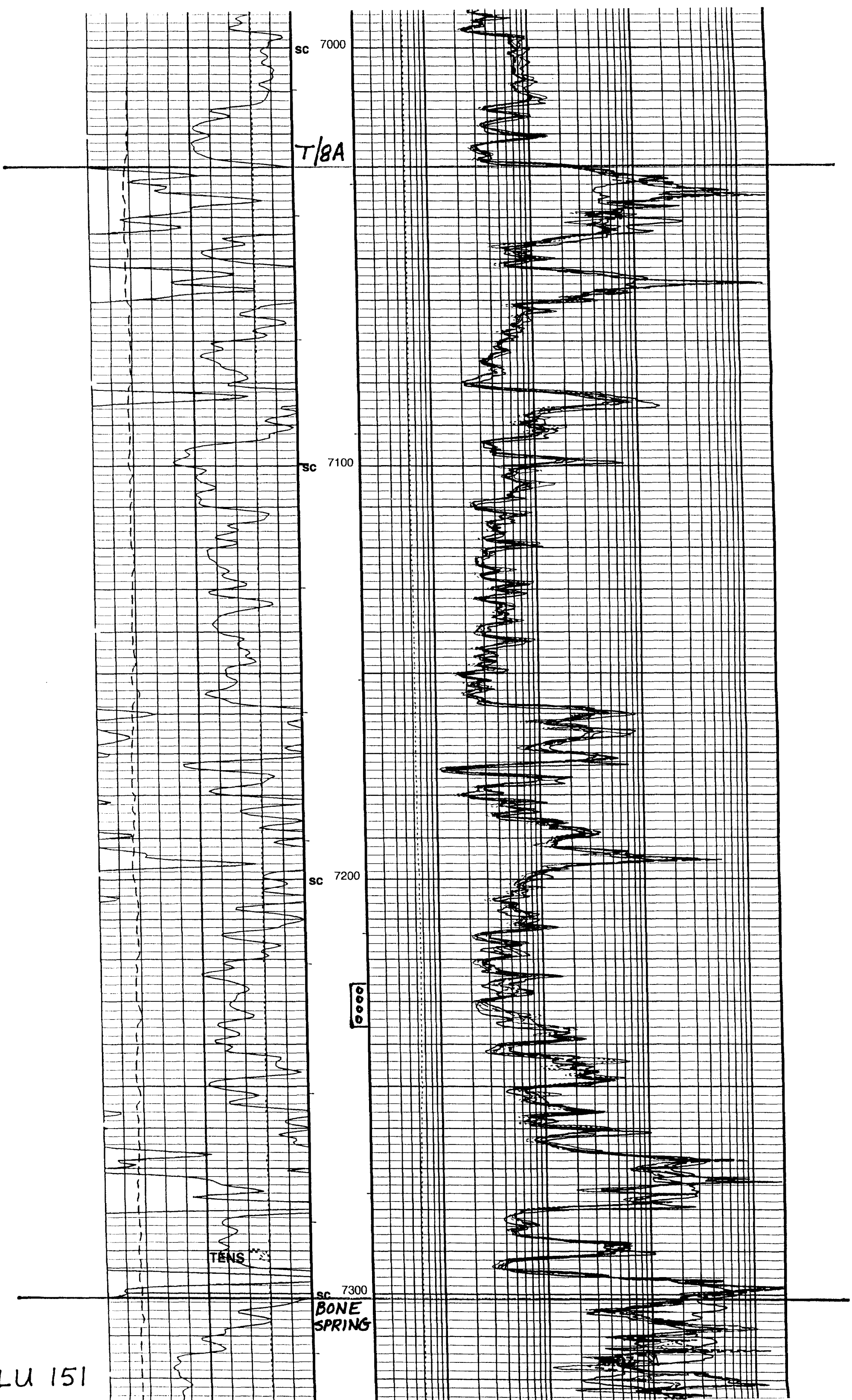
Time Mark Every 60 S

0.2	Std. Res. Invaded Zone Resistivity (RXOZ) (OHMM)	2000
0.2	AIT-H 90 Inch Investigation (AHT90) (OHMM)	2000
0.2	AIT-H 60 Inch Investigation (AHT60) (OHMM)	2000
0.2	AIT-H 30 Inch Investigation (AHT30) (OHMM)	2000
0.2	AIT-H 20 Inch Investigation (AHT20) (OHMM)	2000
0.02	AIT-H Mud Full Cal (AHMF) (OHMM)	200
0.2	AIT-H 10 Inch Investigation (AHT10) (OHMM)	2000

10000	Tension (TENS) (LBF)	0
6	Calliper (HCAL) (IN)	16
0	Gamma Ray (GR) (GAPI)	100
	Gamma Ray Backup	















PLU 151



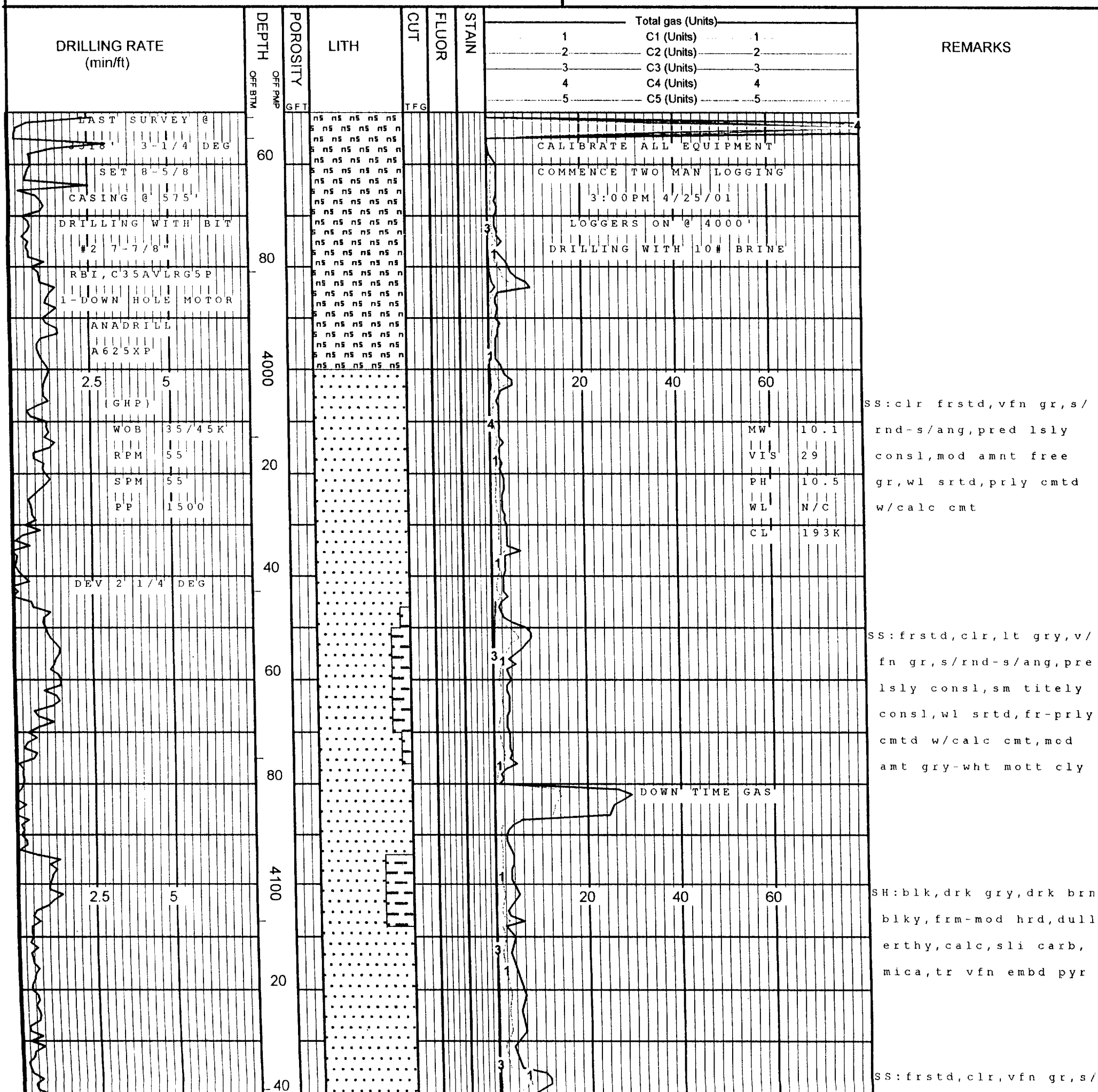
Company: BASS ENTERPRISES PROD.
 Well: POKER LAKE UNIT #151
 Location: Sec: 6 Twn: 24 SRge: 30 E Blk:
 Survey: 510' FNL & 1980' FEL API: 30-015-31595
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3258' GL: 3244'
 Contractor: PATTERSON #141 Spud Date: 4/20/01
 Depth Logged: From: 4000' To: 7430
 Date Logged: From: 4/25/01 To: 5/01/01
 Logger: POWELL/BAKER Unit: 11

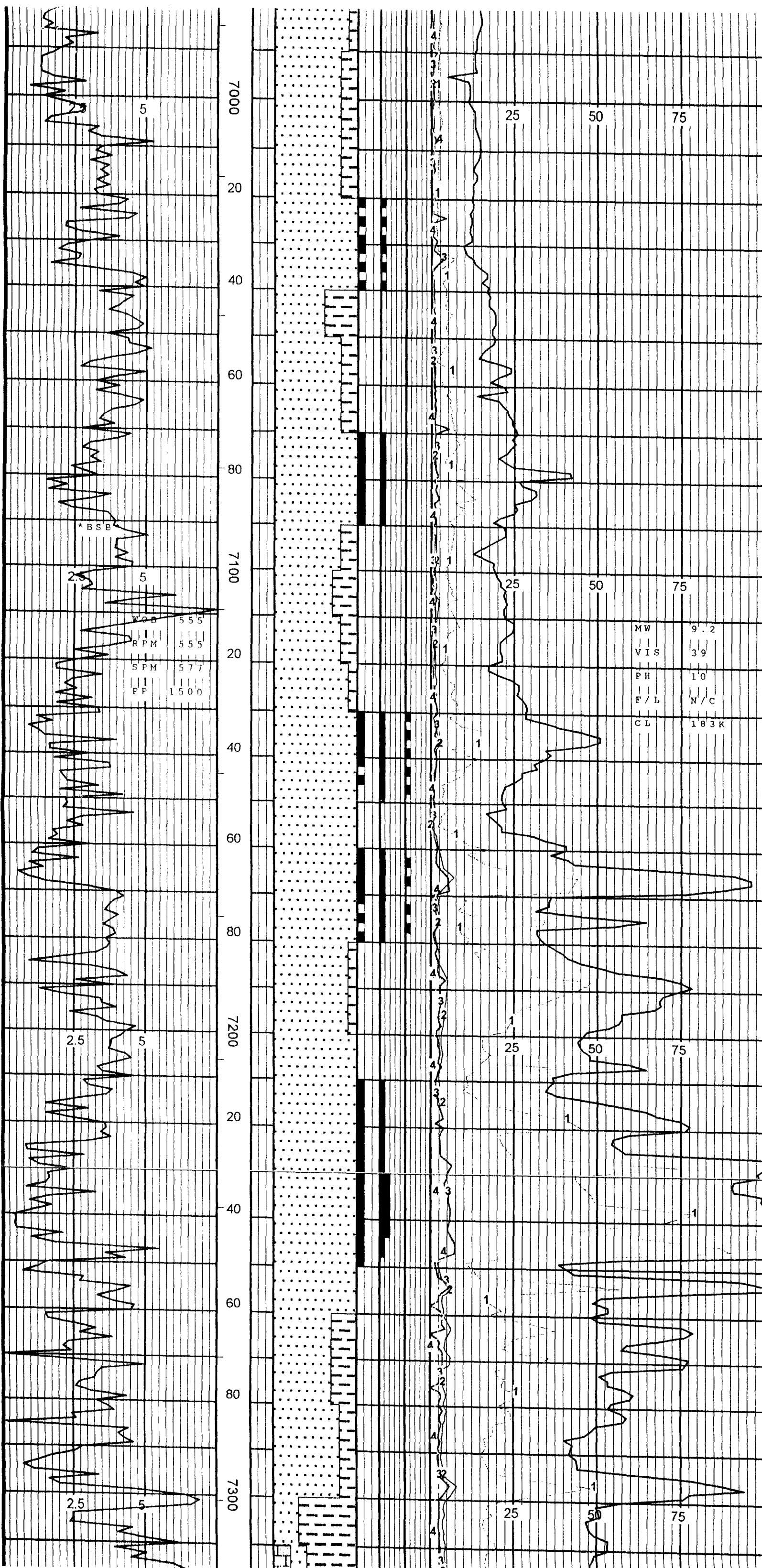
MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





SS:lt gry,gry,frstd,
vfn gr,s/rnd-s/ang,
pred lsly consl,wl
srtd,prly cmtd w/
calc cmt,v/calc

SH:drk brn,drk gry,
blk,med frm-frm,v/
aren,blk,y,pred dull
erthy,sme wxy

SS:frstd,lt gry,clr,
vfn gr,s/rnd-s/ang,
lrgly unconsl,mod amt
free gr,wl srtd,prly
cmtd,20% brite yell
fluor,tr-fr slow
milky pale yell cut,
tr med br dead oil st

*BSE
WOB 555
RPM 555
SPM 577
PP 1500

MW 9.2
VIS 39
PH 10
F/L N/C
CL 183K

SS:frstd,clr,lt gry,
pred uncsol,sme
consol,prly-titly
cmtd,vfn gr,s/rnd-
rnd,v/calc,20% brite
yell fluor,tr-fr amt
slow milky pale yell
wet cut,tr brn dead
oil st,abdt amt wht
-gry mott cly

SS:clr,lt gry,gry,vfn
gr,uncons,s/rnd-rnd,
v/calc,20% brite yell
fluor,fr amt fast
milky pale yell wet
cut

SS:clr,lt gry,gry,frst
vfn gr,pred uncons,
sme cons,prly cmtd,
calc mtx,fria,wl
srtd,s/rnd-rnd,sme
argil,fr amt wht-gry
mott cly,30% brite
yell fluor,fr fast
yell-gold wet cut,
tr lt brn dead oil st

SH:blk,drk gry,gry,
blk,y,dull erthy,
frm-hrd,

LS:off wht,crm,tn,lt
brn,vfn xln,flky,
mod frm,argil

PLU 151

PLU # 152

COMPANY: Bass Enterprises Production Co
WELL: Poker Lake Unit # 152
FIELD: Nash Draw (Delaware)
COUNTY: Eddy **STATE:** New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 1980' FNL & 660' FEL
Well: Poker Lake Unit # 152



Schlumberger
 Platform Express
 Three Detector LithoDensity
 Compensated Neutron / GR

LOCATION
 1980' FNL & 660' FEL
 Elev.: K.B. 3255.9 ft
 G.L. 3242.5 ft
 D.F. 3254.6 ft

Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Elev.: 3242.5 ft
 13.4 ft above Perm. Datum

API Serial No. 30-015-31415
 SECTION 6
 TOWNSHIP 24S
 RANGE 30E

Logging Date	18-MAY-2001
Run Number	One
Depth Driller	7450 ft
Schlumberger Depth	7442 ft
Bottom Log Interval	7424 ft
Top Log Interval	200 ft
Casing Schlumberger Size @ Depth	8.625 in @ 616 ft
Casing Driller Size @ Depth	7.875 in
Bit Size	Diesel / Brine Emulsion
Type Fluid In Hole	9 lbm/gal 45 s
Density	9
Fluid Loss	Circulation Tank
Source Of Salt	0.087 ohm.m @ 97 degF
RM @ Measured Temperature	0.065 ohm.m @ 97 degF
RMF @ Measured Temperature	Calculated
RMF @ Measured Temperature	0.074 @ 115 0.056 @ 115
Source RMF	115 degF @ 115
RMF @ MRT	115 degF @ 115
Recorded Temperatures	18-MAY-2001 8:30
Time	18-MAY-2001 21:00
Location	3049 Roswell, N.M. H. Lamb George Hillis

Output DLIS Files

DEFAULT HILTC .004 FN:3 PRODUCER 22-May-2001 18:14 7452.0 FT 174.5 FT

Speed Corrected - Depth Matched LOG

Integrated Hole/Cement Volume Summary

Hole Volume = 3023.43 F3
 Cement Volume = 1896.53 F3 (assuming 5.50 IN casing O.D.)
 Computed from 7450.0 FT to 620.0 FT using data channel(s) HCAL

OP System Version: 9C1-303
 MCM

HILTB-CTS OP91-kp2

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
BHS	CASED	OPEN	590.0 18:36:37
GCSE	BS	HCAL	590.0 18:36:43

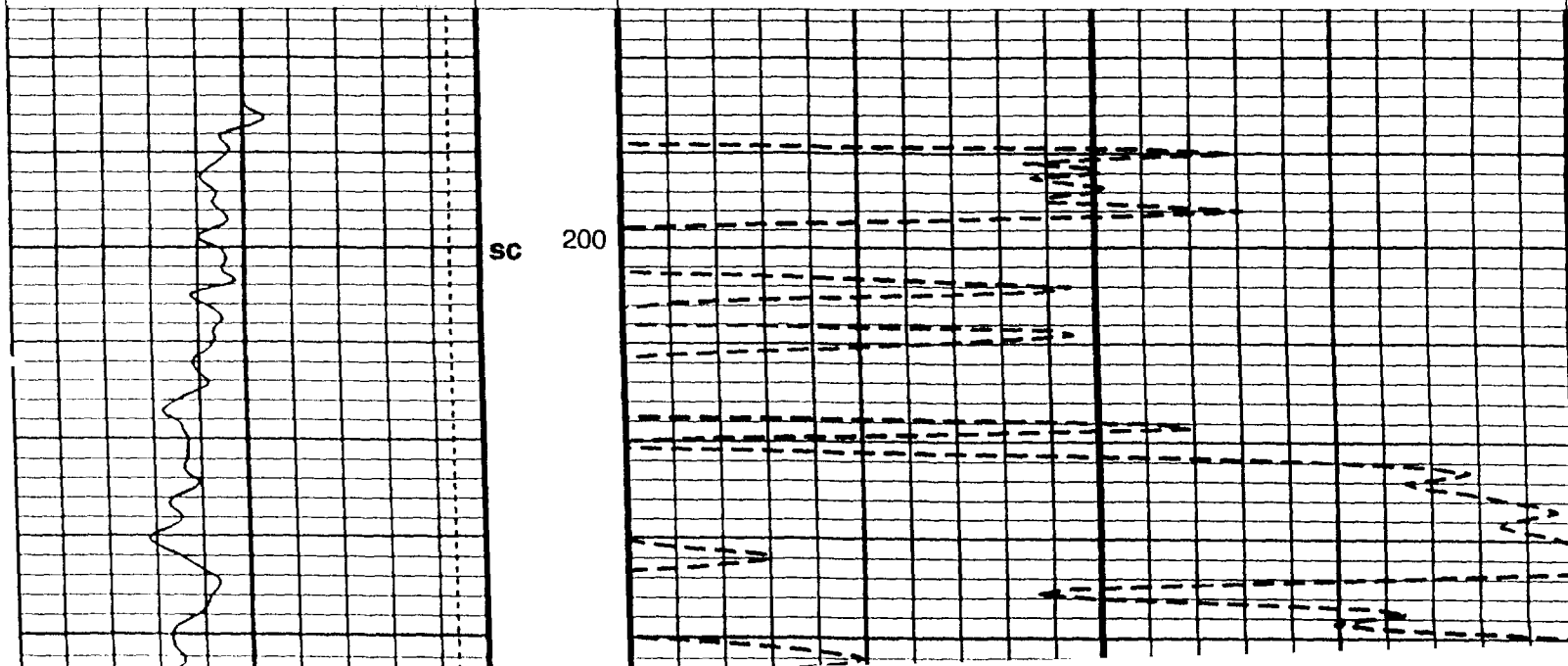
PIP SUMMARY

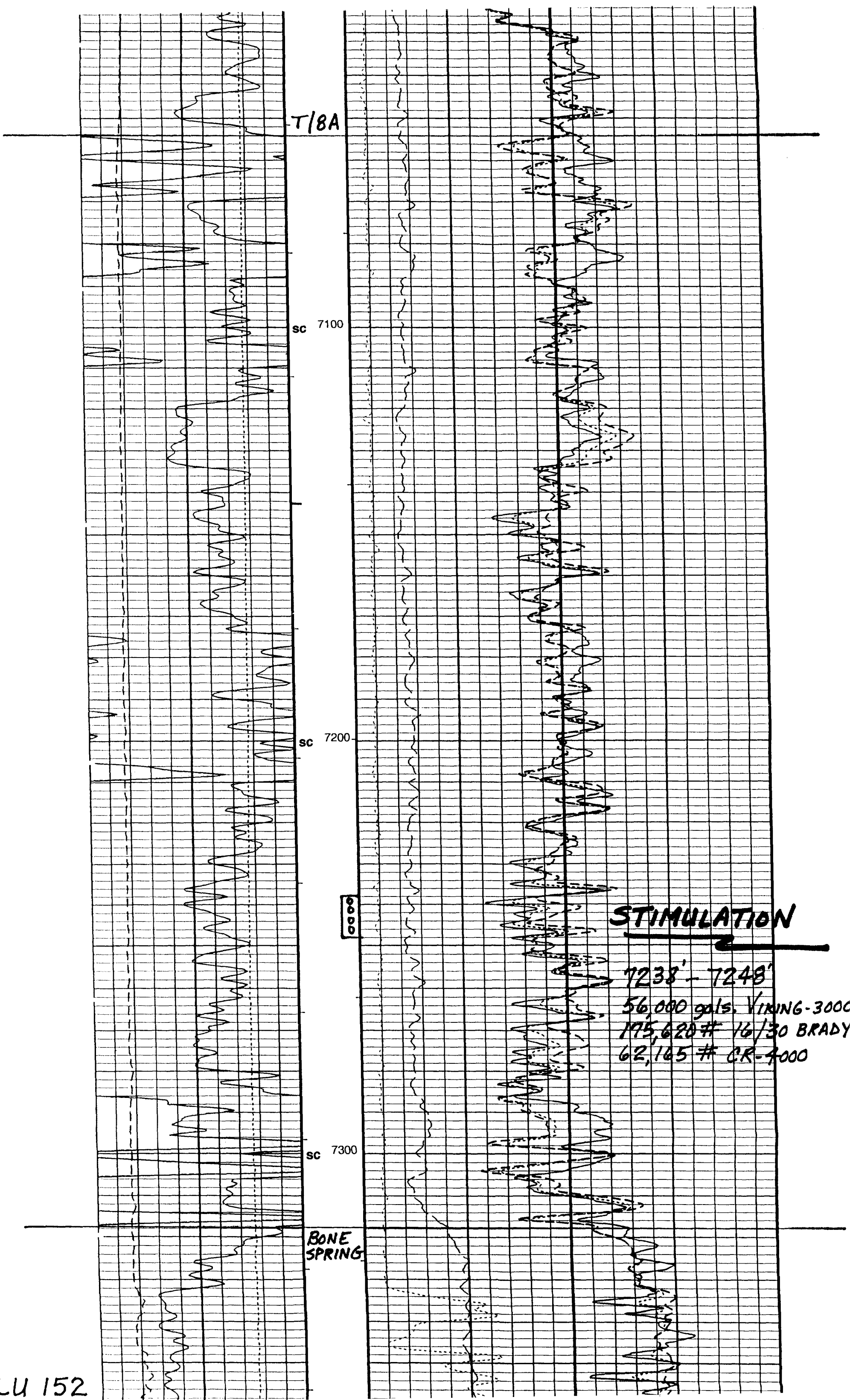
- └ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

MAIN PASS 5' = 100'

Time Mark Every 60 S

Cable Tension (TENS)		Thermal Neutron Porosity (TNPH)	
10000 (LBF)	0	0.3 (V/V)	-0.1
HRMS Calliper (HCAL)		Stan Res Formation Pe Factor (PEFZ)	
6 (IN)	16	0 (---)	10
GR (GR)		Crossplot Porosity [TNPH vs RHOZ] (PXND_HILT)	
0 (GAPI)	100	0.3 (V/V)	-0.1
Gamma Ray on Backup		HRDD Density Correction (HDRA)	
		-0.05 (G/C3)	0.45
		Stan Res Density Porosity [2.71] (DPHZ)	
		0.3 (V/V)	-0.1





T/BA

sc 7100

sc 7200

6000

sc 7300

BONE SPRING

STIMULATION

7238' - 7248'
 56,000 gals. VIKING-3000
 175,620# 16/30 BRADY
 62,165# CR-4000

PLU 152

COMPANY: Bass Enterprises Production Co
WELL: Poker Lake Unit # 152
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger Platform Express
Gamma Ray Array Induction Imager
 1980' FNL & 660' FEL
 Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Elev.: K.B. 3255.9 ft
 G.L. 3242.5 ft
 D.F. 3254.6 ft
 Elev.: 3242.5 ft
 13.4 ft above Perm. Datum

Logging Date	18-MAY-2001	SECTION	6	TOWNSHIP	24S	RANGE	30E
Run Number	One						
Depth Driller	7450 ft						
Schlumberger Depth	7442 ft						
Bottom Log Interval	7434 ft						
Top Log Interval	3400 ft						
Casing Driller Size @ Depth	8.625 in @ 616 ft						
Casing Schlumberger	7.875 in						
Type Fluid In Hole	Diesel / Brine Emulsion						
Density	9 lbrn/gal	45 s					
Fluid Loss	PH	9					
Source Of Sample	Circulation Tank						
RM @ Measured Temperature	0.087 ohm.m	@	97 degF				
RMF @ Measured Temperature	0.065 ohm.m	@	97 degF				
RM @ Measured Temperature	Calculated						
RM @ MRT	0.074 @ 115	0.056 @ 115					
Maximum Recorded Temperatures	115 degF						
Circulation Stopped	18-MAY-2001	8:30					
Logger On Bottom	18-MAY-2001	21:00					
Unit Number	3049	Roswell, N.M.					
Recorded By	H. Lamb						
Witnessed By	George Hillis						

OP System Version: 9C1-303
MCM

HILTB-CTS OP91-kp2

Speed Corrected - Depth Matched LOG

Input DLIS Files

DEFAULT HILTC .012 FN:11 PRODUCER 18-May-2001 21:05 7452.0 FT 174.5 FT

Output DLIS Files

DEFAULT HILTC .004 FN:3 PRODUCER 22-May-2001 18:14

Input DLIS Files

DEFAULT HILTC .012 FN:11 PRODUCER 18-May-2001 21:05 7452.0 FT 174.5 FT

Output DLIS Files

DEFAULT HILTC .004 FN:3 PRODUCER 22-May-2001 18:14

Speed Corrected - Depth Matched LOG

OP System Version: 9C1-303
MCM

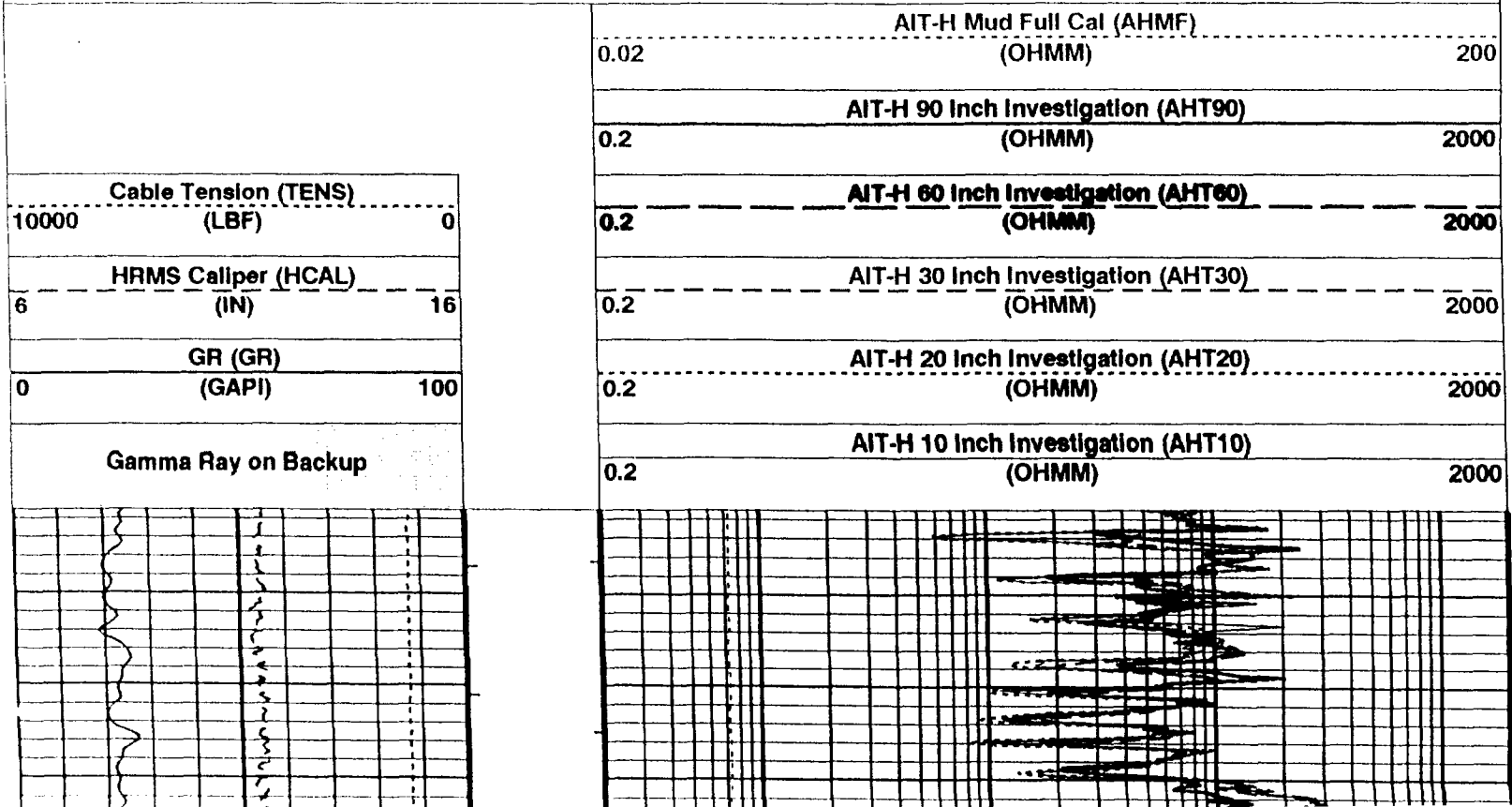
HILTB-CTS OP91-kp2

PIP SUMMARY

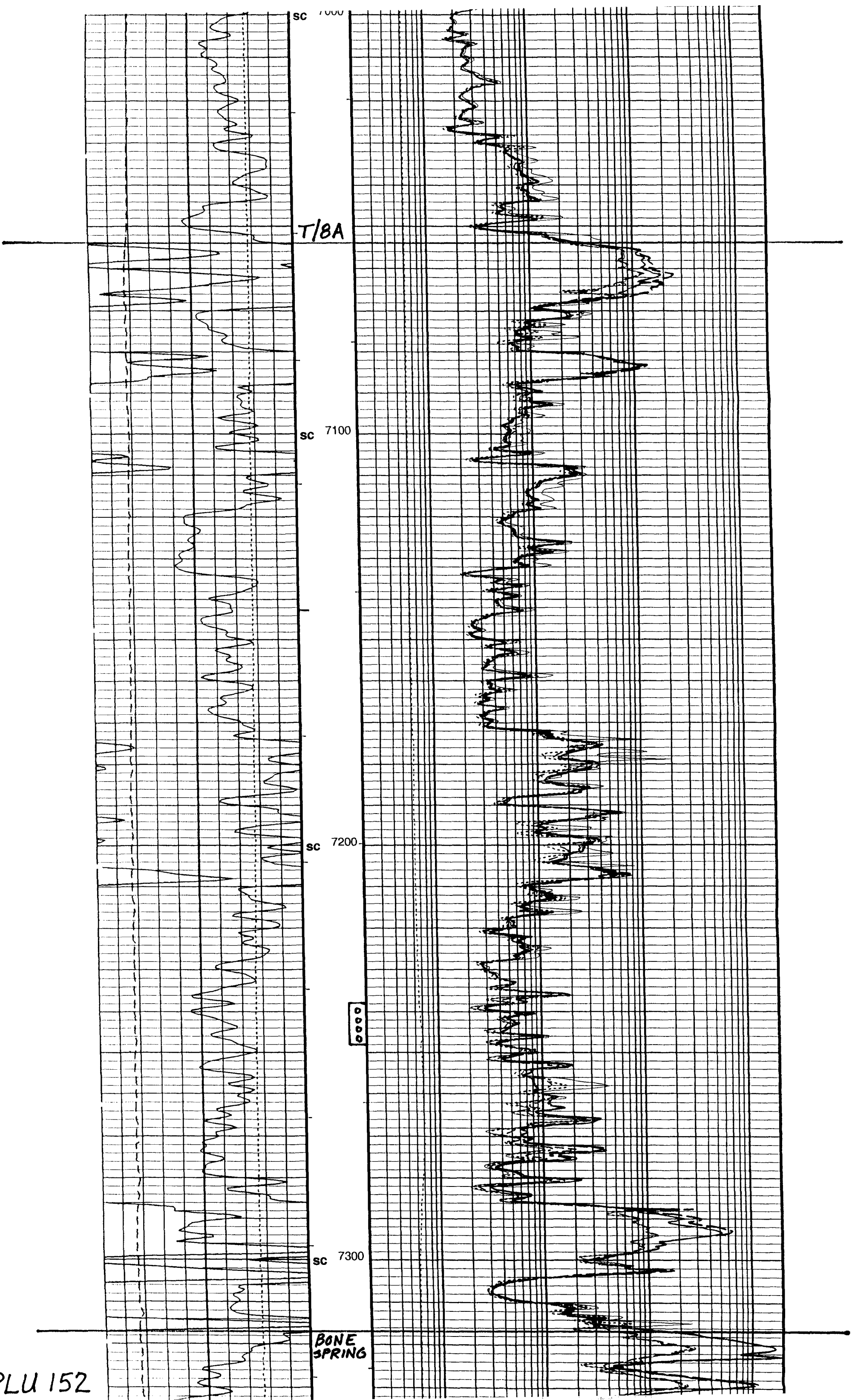
- ┌ Integrated Borehole Volume Every 10 F3
- ┌ Integrated Borehole Volume Every 100 F3
- ┌ Integrated Annulus Volume Every 10 F3
- ┌ Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

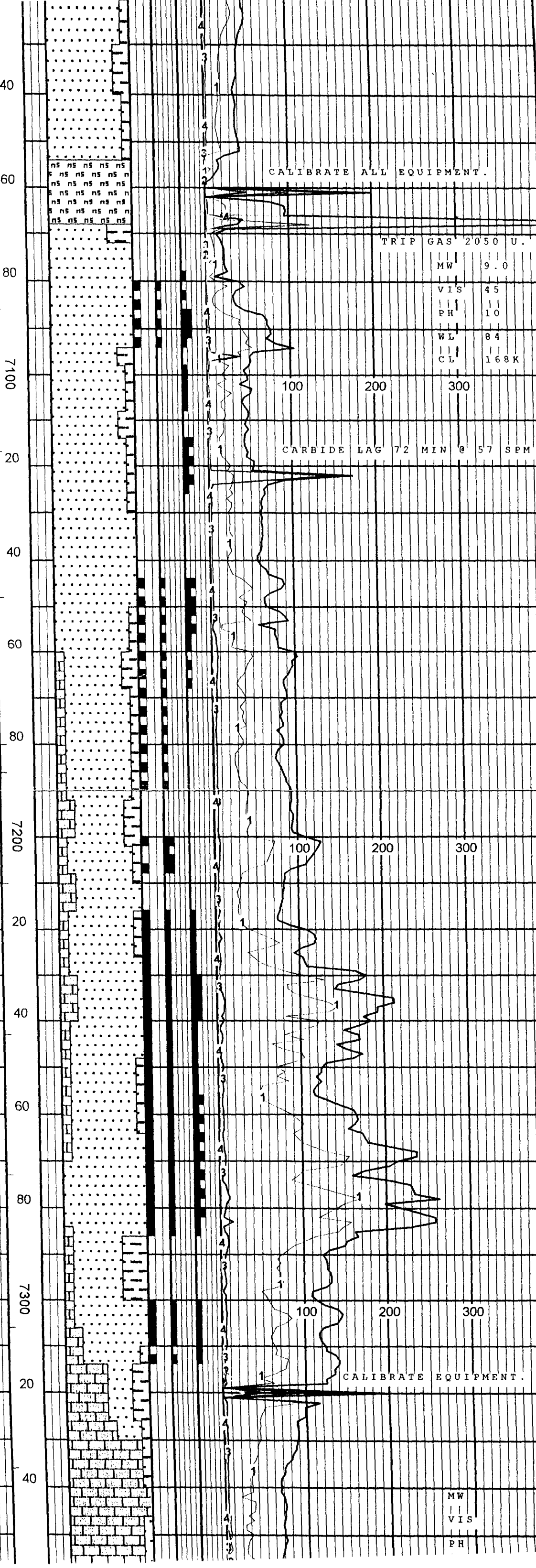
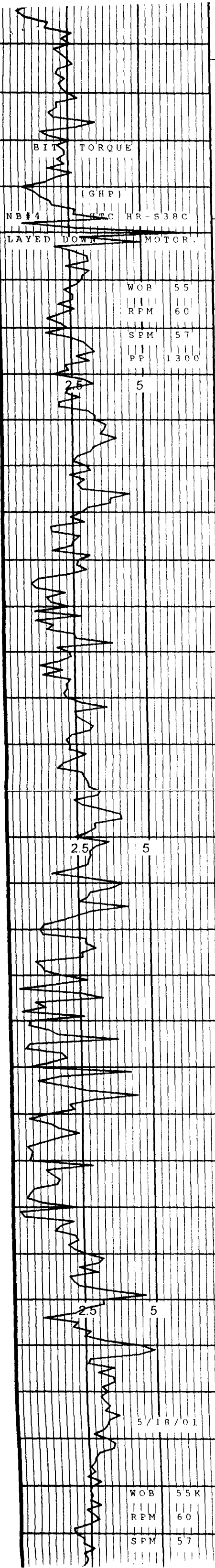
Time Mark Every 60 S



PLU 152



mtx



RIG DID NOT CIRCL.
BOTTOMS UP PRIOR
TO TRIP OUT

SS:lt brn, frstd, tn, clr
vfn-fn gr, s/ang-s/rnd
pred consl, sm v/tight
sm fria, pred calc cmt
pr-frly srted, sm drk
brn slty, sm argil ip
fr amt fltg gr, tr-fr
amt bleed'n gas blubs
from sampl, 30-40% med
drk brn dead oil stn
in sampl

SS:frstd, lt gry, tn, lt
brn, clr, vfn-fn gr, s/
ang-s/rnd, pred uncons
mod amt lsly consl,
fr-prly srted, mod cmtd
w/calc cmt, sm fria,
fr amt fltg gr, settrd
tr drk brn-med brn
dead oil stn

LS:brn, crme, lt brn, mic
vfnxlu, frm-mod hrd, sm
vry hrd, pred dns, mod
amt chrtty, incrs in
argil, tr vry fnly
sucro

SS:lt gry, gry, vfn-fn
gr, s/ang-s/rnd, pred
lsly consl w/mod amt
free gr, sm titely con
fr-prly srted, abndt-fr
amt fltg gr, 20-35%
med-drk brn dead oil
stn

SS:gry, lt gry, frstd, sm
clr, sm wht, s/ang-s/rd
vfn-fn gr, pred consl,
fr amt unconsl, fr-pr
srted, pred mod cmtd w/
calc cmt, sm cly mtx,
abndt fltg gr, 20-25%
med brn dead oil stn

SS:lt gry, frstd, clr,
gry, sm clr, vfn-fn gr,
s/rnd-s/ang, pred un-
consl, mod amt lsly
consl, fr amt slty, fr
amt argil, pr-frly
cmtd w/calc cmt, sme
fltg gr, 15-20% med-dk
brn dead oil stn

PLU 152

PLU # 153

COMPANY: Bass Enterprises

WELL: Poker Lake Unit #153

FIELD: Forty-Niner Ridge (Morrow) Field

COUNTY: Eddy STATE: New Mexico

Schlumberger
 PLATFORM EXPRESS
 DENSITY/NEUTRON
 FINAL COMPOSITE

COUNTY: Eddy
 Field: Forty Niner Ridge (Morrow) Field
 Location: 1830' FNL and 1980' FEL
 Well: Poker Lake Unit #153
 Company: Bass Enterprises

LOCATION		1830' FNL and 1980' FEL	Elev.: K.B. 3285.8 ft
Permanent Datum:		Ground Level	G.L. 3258.9 ft
Log Measured From:		Kelly Bushing	D.F. 3284.5 ft
Drilling Measured From:		Kelly Bushing	Elev.: 3290 ft
API Serial No. 30-015-31416		SECTION 6	26.0 ft above Perm. Datum
Logging Date 31-DEC-2000		TOWNSHIP 24S	RANGE 30E
Run Number One		5-JAN-2001	

Logging Date	31-DEC-2000	Run Number	One
Depth Driller	8008 ft	Schlumberger Depth	8010 ft
Bottom Log Interval	7992 ft	Top Log Interval	200 ft
Casing Driller Size @ Depth	10.750 in @ 3598 ft	Casing Schlumberger	3598 ft
Bit Size	9.875 in	Density	8.5 lbm/gal
Type Fluid In Hole	Fresh Water	Viscosity	29 s
Fluid Loss	PH	PH	10
Source Of Sample	Circulation Tank	Source Of Sample	Mud Pit
RM @ Measured Temperature	0.195 ohm.m @ 57 degF	RM @ Measured Temperature	0.083 ohm.m @ 55 degF
RMF @ Measured Temperature	0.195 ohm.m @ 57 degF	RMF @ Measured Temperature	0.083 ohm.m @ 55 degF
RMC @ Measured Temperature	@	RMC @ Measured Temperature	@
Source RMF	Rim	Source RMF	Calculated
RM @ MRT	0.094 @ 125 0.094 @ 125	RM @ MRT	0.033 @ 150 0.033 @ 150
Log Temperatures	125 degF	Log Temperatures	150 degF
Time	30-DEC-2000 17:00	Time	8-JAN-2001 19:30
Time	31-DEC-2000 8:00	Time	8-JAN-2001 19:30
Location	3178 Roswell, NM	Location	3076 Hobbs
	W.H. Morris		Marcelo Galidino
	Simianne Hayden		B. Searcy / S. Hayden

DEFAULT HILTC .030 FN:26 PRODUCER 05-Jan-2001 16:38 8008.0 FT 176.0 FT

Output DLIS Files

DEFAULT HILTC .005 FN:4 PRODUCER 07-Jan-2001 14:39

Output DLIS Files

DEFAULT HILTC .012 FN:15 PRODUCER 09-Jan-2001 04:27 11473.0 FT 6944.5 FT
 TRANSACT HILTC .012 FN:16 CUSTOMER 09-Jan-2001 04:27 11473.0 FT 6944.5 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 2523.95 F3
 Cement Volume = 1102.37 F3 (assuming 7.63 IN casing O.D.)
 Computed from 11450.0 FT to 6967.5 FT using data channel(s) HCAL

OP System Version: 9C1-303 MCM

HILTB-CTS OP91-kp2 BSP OP91-kp2

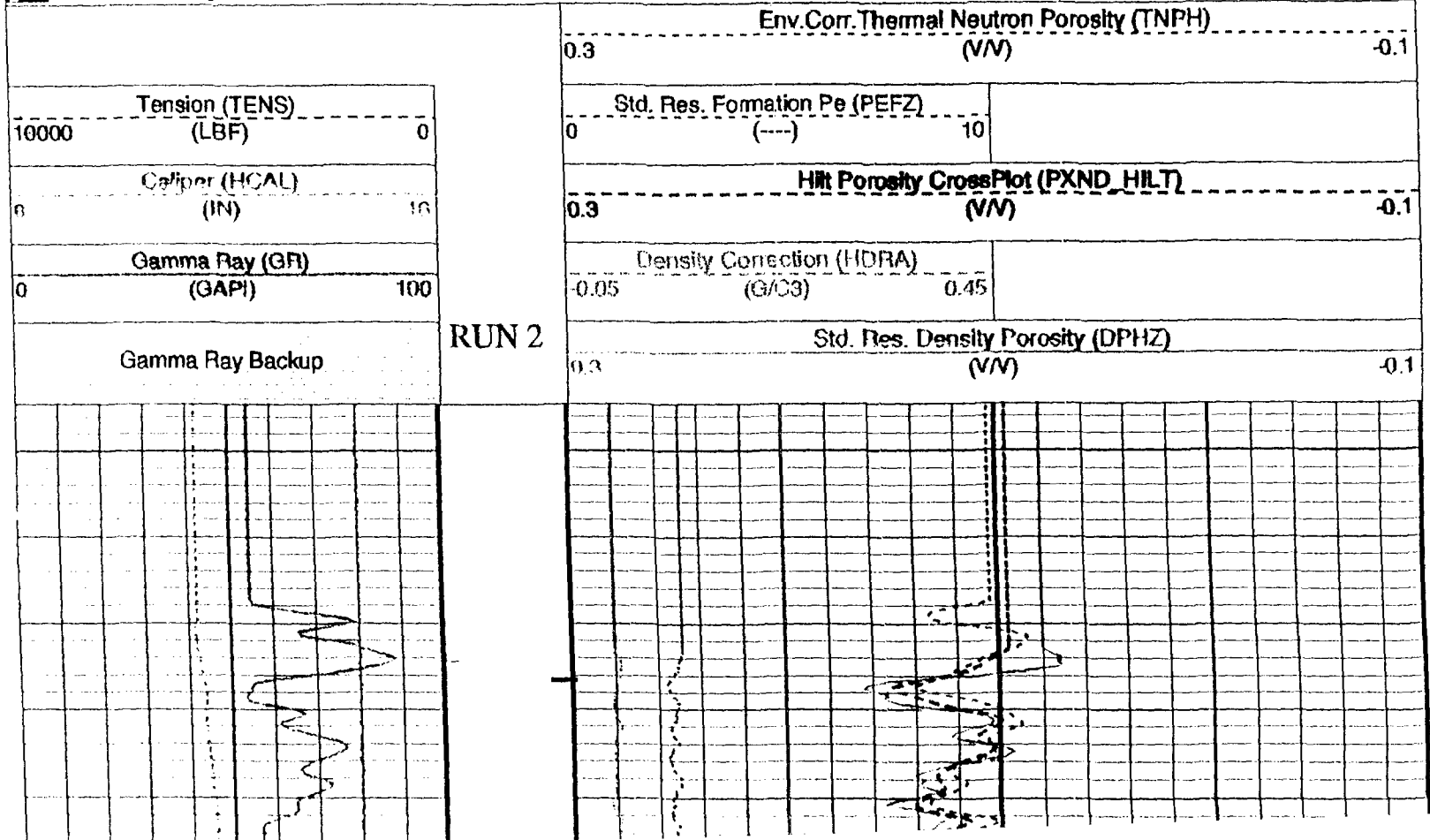
Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
TDL	11454.00 FT	11450.00 FT	11237.7 04:33:05

PIP SUMMARY

- ┌ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- ┌ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S



153

T/8A

7100

7200

7300

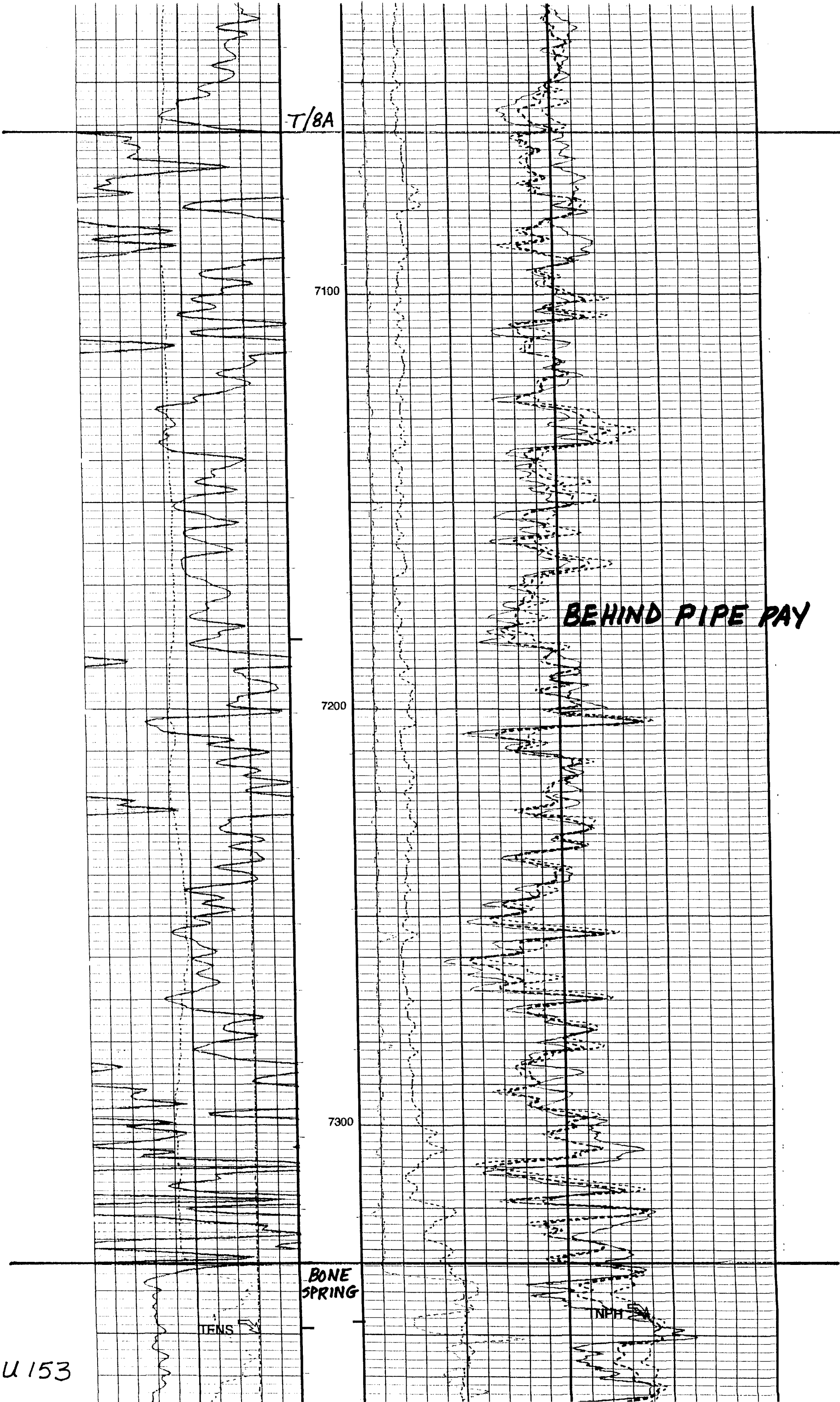
BONE
SPRING

TENS

BEHIND PIPE RAY

NEP

PLU 153



COMPANY: Bass Enterprises

WELL: Poker Lake Unit #153

FIELD: Forty Niner Ridge (Morrow) Field

COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS/ARRAY IND./
AZIMUTHAL LATEROLOG/MICRO-CFI
HIGH RESOLUTION LATEROLOG
FINAL COMPOSITE

COUNTY: Eddy
Field: Forty Niner Ridge (Morrow) Field
Location: 1830' FNL and 1980' FEL
Well: Poker Lake Unit #153
Company: Bass Enterprises

LOCATION		1830' FNL and 1980' FEL	Elev.: K.B. 3285.8 FT G.L. 3258.9 FT D.F. 3284.5 FT
Permanent Datum:	Ground Level		Elev.: 3280 ft
Log Measured From:	Kelly Bushing		26.0 ft above Perm. Datum
Drilling Measured From:	Kelly Bushing		
API Serial No.	SECTION	TOWNSHIP	RANGE
NA	6	24S	30E
Logging Date	31-DEC-2000	9-JAN-2001	
Run Number	One	2	
Depth Driller	8008 ft	11450 ft	
Schlumberger Depth	8010 ft	11454 ft	
Bottom Log Interval	8002 ft	11446 ft	
Top Log Interval	3598 ft	7000 ft	
Casing Driller Size @ Depth	10.750 in @ 3598 ft	10.750 in @ 3598 ft	
Casing Schlumberger	3598 ft	3598 ft	
Bit Size	9.875 in	9.875 in	
Type Fluid In Hole	Fresh Water	Brine with Starch and Salt water	
Density	8.5 lbm/gal	9.4 lbm/gal	33.8
Viscosity	29 s	12 cm3	9
PH	10		
Source Or Sample	Circulation Tank	Mud Pit	
RM @ Measured Temperature	0.195 ohm.m @ 57 degF	0.083 ohm.m @ 55 degF	
RMF @ Measured Temperature	0.195 ohm.m @ 57 degF	0.083 ohm.m @ 55 degF	
RMC @ Measured Temperature			
Source RMF	Rm	Calculated	
RM @ MFT	0.094 @ 125 0.094 @ 125	0.033 @ 150 0.033 @ 150	
Maximum Recorded Temperatures	125 degF	150 degF	
Logger On Bottom	30-DEC-2000 17:00	8-JAN-2001 19:30	
Unit Number	31-DEC-2000 8:00	9-JAN-2001 4:30	
Location	3178 Roswell, NM	3076 Hobbs	
Recorded By	W.H. Morris	Marcelo Galdino	
Witnessed By	Simlaine Hayden	B. Searcy / S. Hayden	

Output DLIS Files

DEFAULT HILTC.004 FN:3 PRODUCER 31-Dec-2000 08:52

Speed Corrected - Depth Matched LOG

OP System Version: 9C1-303
MCM

HILTB-CTS SPCW-1396

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
GCSE	BS	HCAL	3543.0 09:30:11

PIP SUMMARY

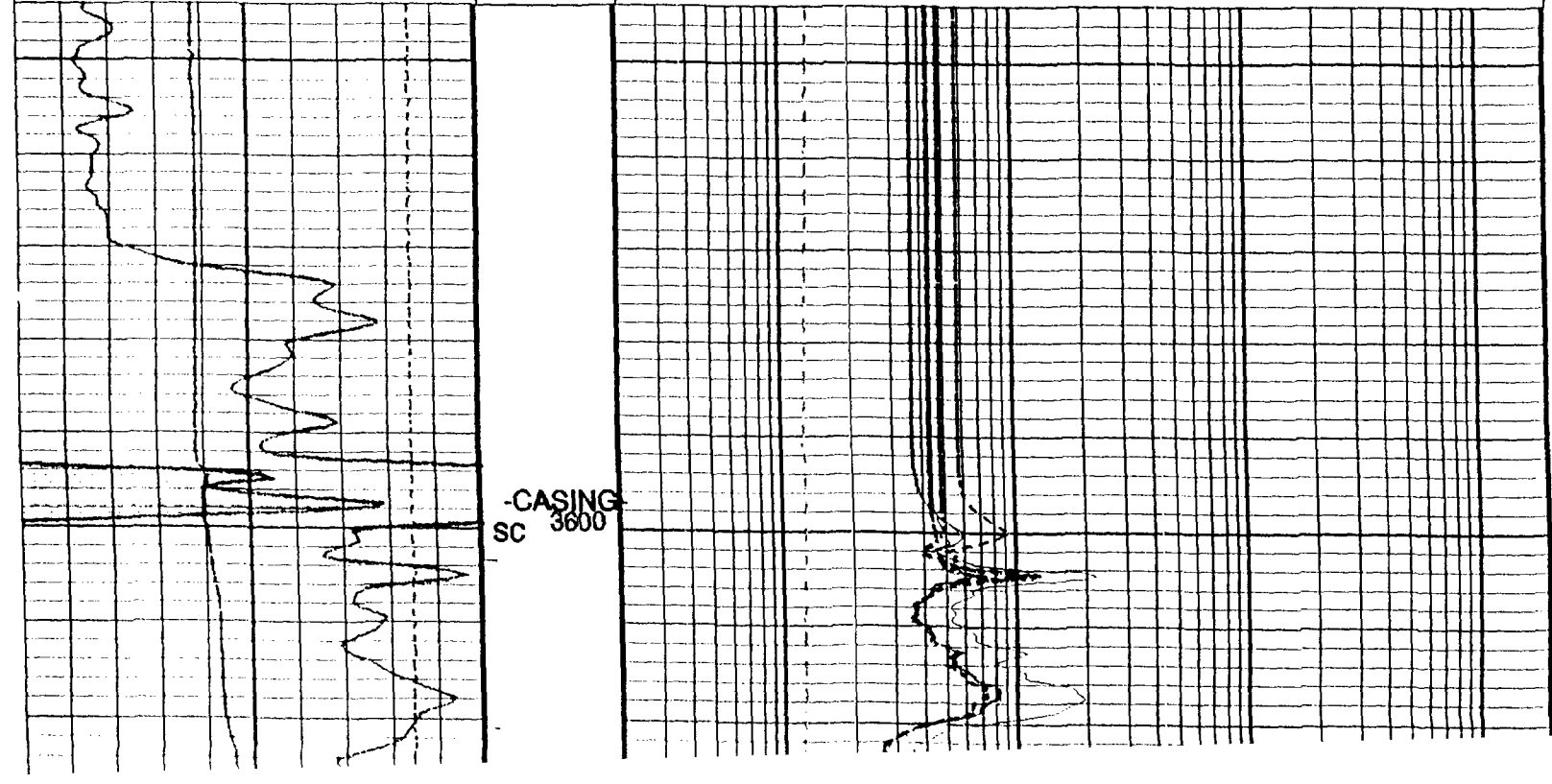
- Integrated Borehole Volume Every 10 F3
- Integrated Borehole Volume Every 100 F3
- Integrated Annulus Volume Every 10 F3
- Integrated Annulus Volume Every 100 F3

MAIN PASS 5" = 100'

Time Mark Every 60 S

AIT-H Mod Full Cal (AHMF) (OHMM)	0.03	200
AIT-H 90 Inch Investigation (AHT90) (OHMM)	0.2	2000
AIT-H 60 Inch Investigation (AHT60) (OHMM)	0.2	2000
AIT-H 30 Inch Investigation (AHT30) (OHMM)	0.2	2000
AIT-H 20 Inch Investigation (AHT20) (OHMM)	0.2	2000
AIT-H 10 Inch Investigation (AHT10) (OHMM)	0.2	2000

Cable Tension (TENS) (LBF)	10000	0
HRMS Caliper (HCAL) (IN)	6	16
GR (GR) (GAPI)	0	100



T/8A

SC 7100

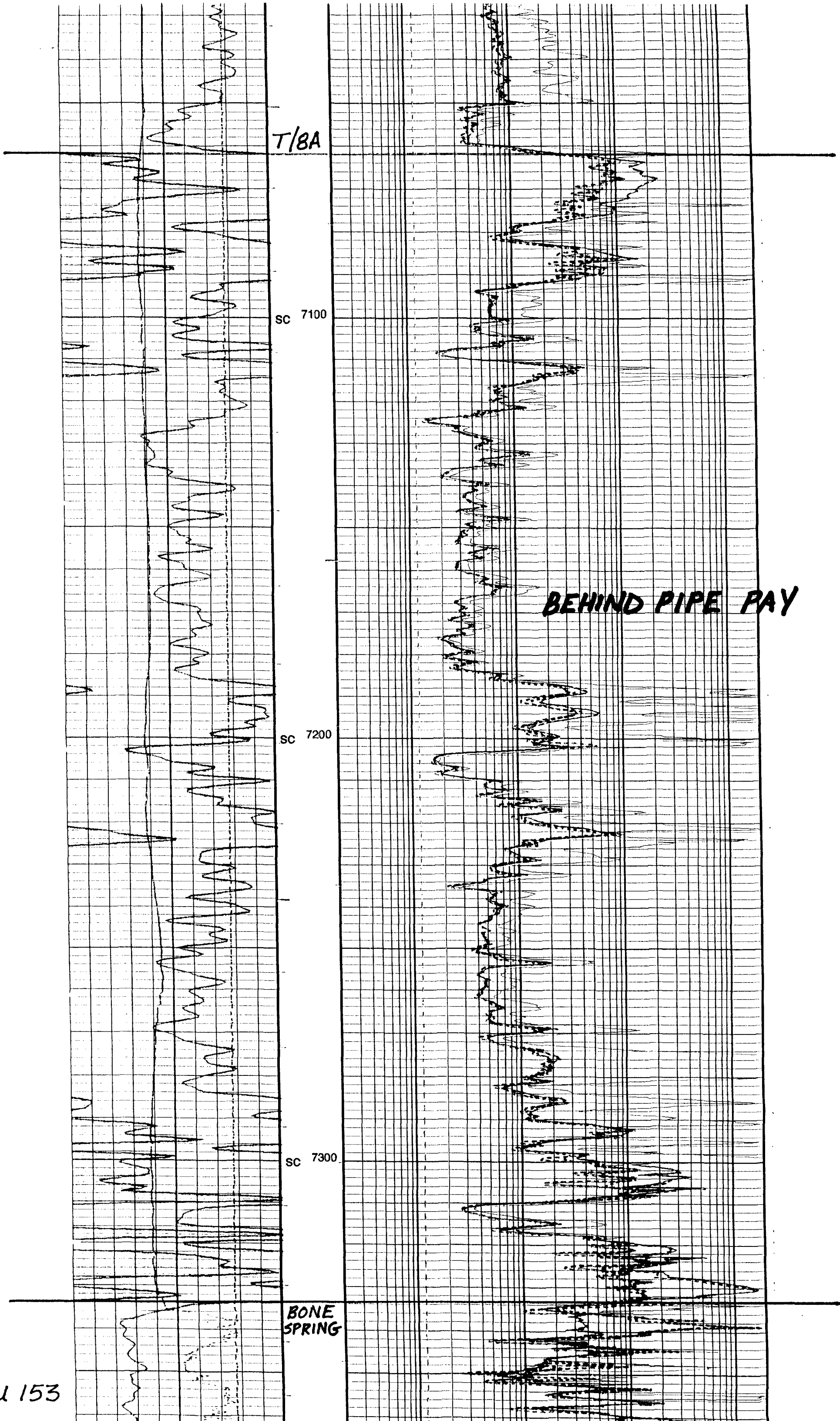
SC 7200

SC 7300

BONE
SPRING

BEHIND PIPE RAY













PLU 153



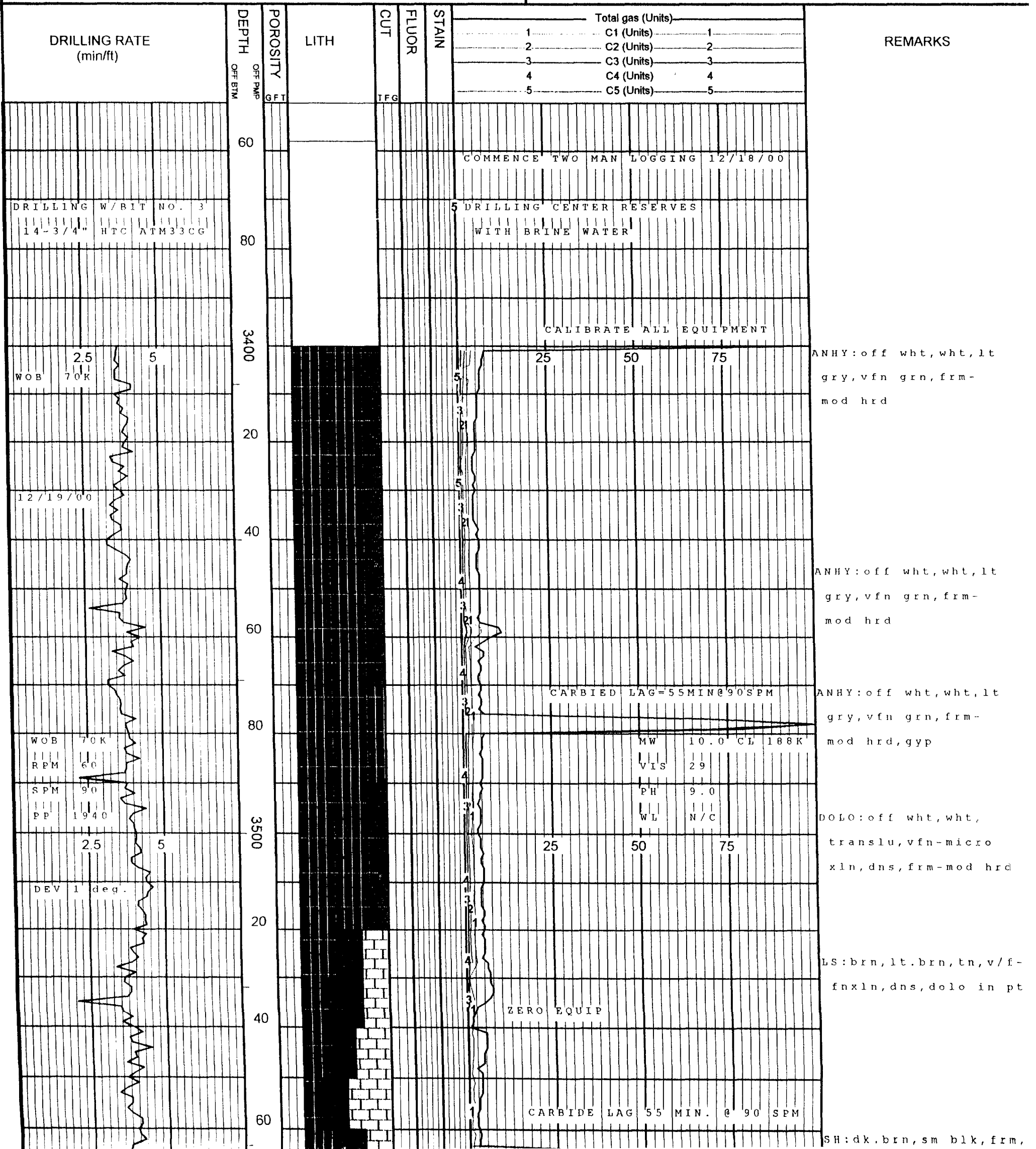
Company: BASS ENTERPRISES
 Well: POKER LAKE UNIT #153
 Location: Sec: 6 Twn: 24S Rge: 30E Blk:
 Survey: 1830' FNL & 1980' FEL API: 30-015-3117
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3286 GL: 3260
 Contractor: UII #267 Spud Date:
 Depth Logged: From: 3400 To: 14502
 Date Logged: From: 12/18/00 To: 2/27/01
 Logger: POWELL/JD MORRIS Unit: #16

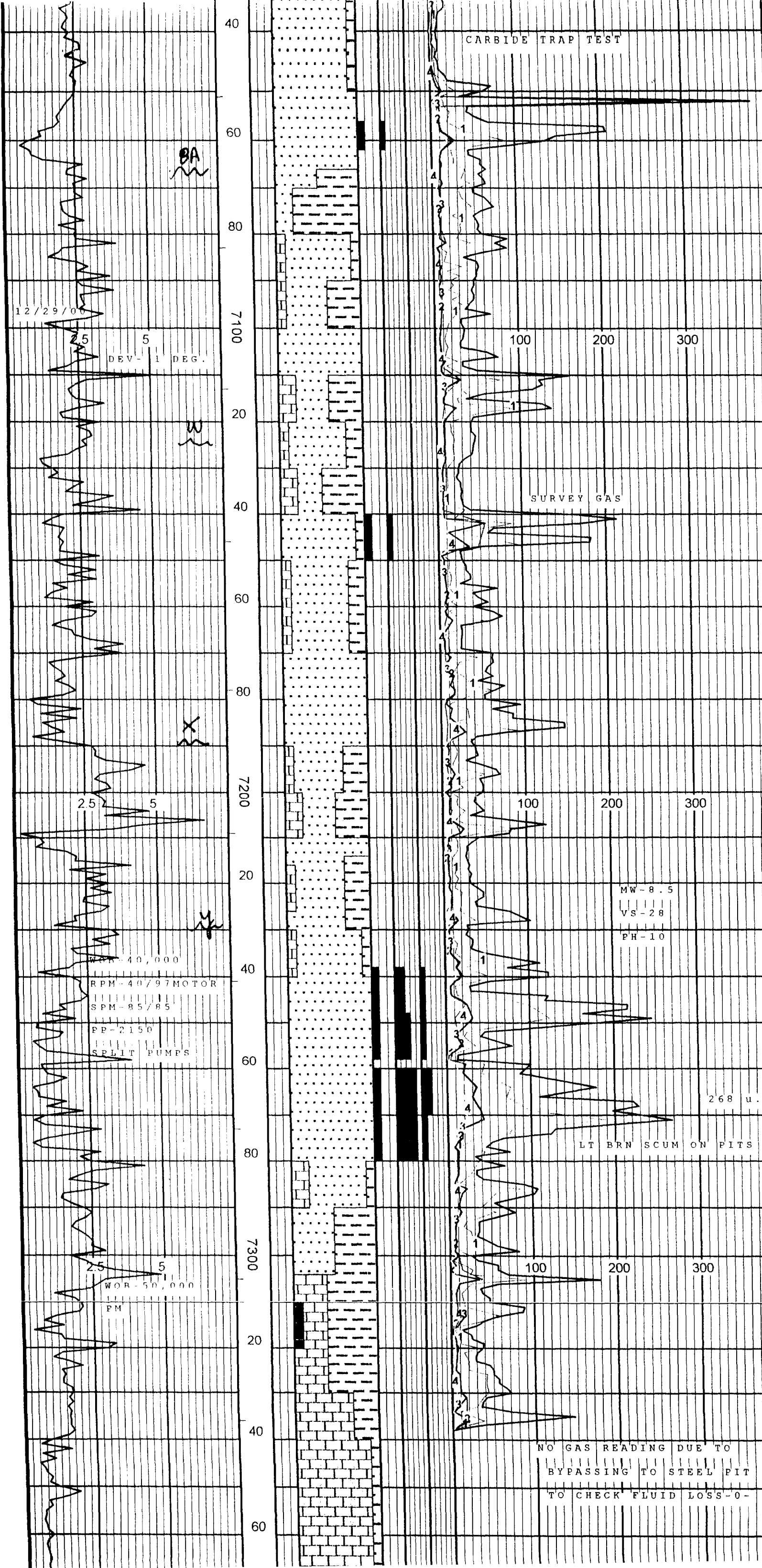
MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour





lmy matx-lsly ocns,
sub ang-sub rnd,v sli
tr-silic,fair amt
clay,10% pred v pale
yel flor,v sli/slo
cut w/dul yel halo

SH:dk gy,dk gy/brn,
sub blk,frm,fny
micac,carb,tr-sli
silic

SS:offwt,tr-gy/brn,
vf-fgr,cons w/sli
calc matx & cmnt-
lsly cons ip,sub ang
sub rnd,well sort,
10% pale yel flor,
sli/slo cut wet w/
faint-dul yrl halo
sm gy/wht clay

LS:tn,crm,buf,micro-
vfxln,dns,frm,sli tr-
mod hrd/silic

LS:gy/brn,sm med brn,
micro-vfxln,dns,frm-
mod hrd/sli silic,
tr-argil,aren thru
out

SS:off wht,vf-fgr,
cons w/sli calc matx
sub ang-sub rnd,well
sort,no flor/cut,
fria

SS:clr,fros,off wht,
vf-fgr,lsly cons w/sm
uncons,sub ang-sub
rnd,well sort,lt hny
stn,tr-slo bldg gas
pale blu flor,slo
even mlky wet cut

SS:aa,abndt bldg gas

SH:med-dk gy,sm blk
sub blk,mod frm-frm
fny micac,sly,sm
carb

LS:gry/brn mott,med
brn,vfn-micro xln,dns
frm-mod hrd

SH:drk gry,blk,blk
rthy,carb,mod frm-
frm,sme pyr

SH:drk gry,blk,blk
rthy,carb,mod frm-
frm

PLU 153

PLU # 154

COMPANY: Bass Enterprises Production Company
WELL: Poker lake Unit #154
FIELD: Nash Draw (Delaware)
COUNTY: Eddy **STATE:** New Mexico

COUNTY: Eddy
Field: Nash Draw (Delaware)
Location: 1980'FSL & 660'FEL
Well: Poker lake Unit #154

Company: Bass Enterprises Production Co

LOCATION		SECTION		TOWNSHIP		RANGE	
1980'FSL & 660'FEL Section 6, Township 24S, Range 30E		6		24S		30E	
Permanent Datum:		Ground Level		Elev.:		K.B. 3247.1 ft	
Log Measured From: Kelly Bushing		Elev.: 3233.8 ft		G.L. 3233.8 ft		D.F. 3245.1 ft	
Drilling Measured From: Kelly Bushing		Elev.: 13.3 ft above Perm. Datum					
API Serial No.							

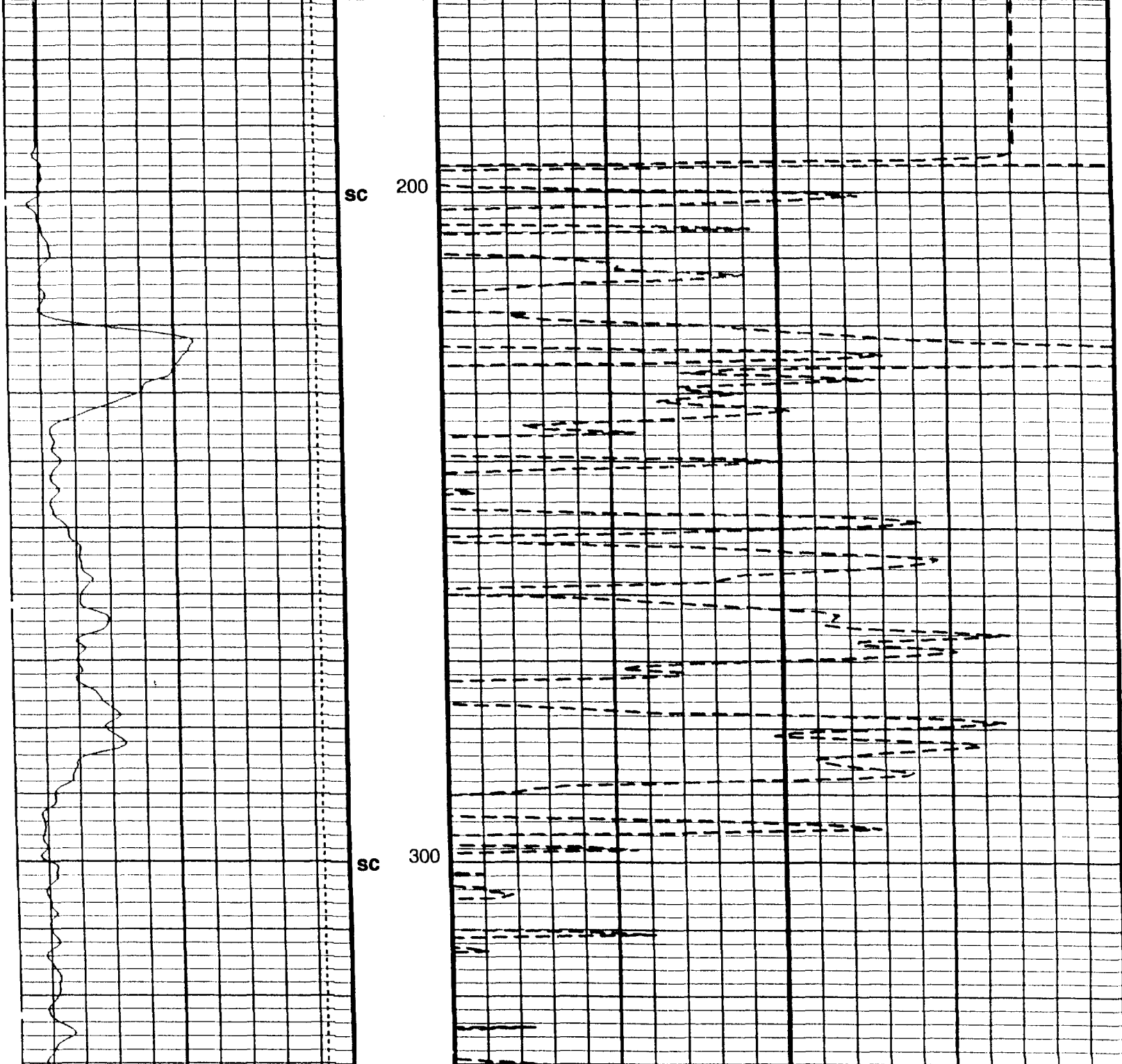
Schlumberger
PLATFORM EXPRESS
Three Detector Litho-Density
Compensated Neutron / GR

Logging Date	16-JUN-2001
Run Number	One
Depth Driller	7440 ft
Schlumberger	7442 ft
Bottom Log Interval	7424 ft
Top Log Interval	200 ft
Casing Driller	8.625 in @ 575 ft
Casing Schlumberger	584 ft
Bit Size	7.875 in
Type Fluid In	Oil Inverted Mud / Diesel & Brine
Density	9.2 lbm/gal
Fluid Loss	38 s
Source Of Sample	Circulation Pit
RM @ Measu	0.231 ohm.m @ 95 degF
	0.173 ohm.m @ 95 degF
	Calculated @
	RMC 0.190 @ 117 0.142 @ 117
	RMF @ MRT 117 degF @ 117
Ordered Temperatures	16-JUN-2001 7:30
Logged Time	16-JUN-2001 13:00
Location	3112 Hobbs, NM
	Olav Amundsen
	Simianne Hayden

Integrated Hole Volume Minor Pip Every 10 F3
 Integrated Hole Volume Major Pip Every 100 F3
 Integrated Cement Volume Minor Pip Every 10 F3
 Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

Tension (TENS) (LBF)	0	Err. Corr. Thermal Neutron Porosity (TNPH) (V/V)	-0.1
Caliper (HCAL) (IN)	16	Std. Res. Formation Pe (PEFZ) (---)	10
Gamma Ray (GR) (GAPI)	100	Density Correction (HDRA) (G/C3)	0.45
Gamma Ray Backup		Std. Res. Density Porosity (DPHZ) (V/V)	-0.1



154

T/8A

sc 7100

sc 7200

0000

sc 7300

BONE
SPRING

STIMULATION

7250' - 7260'

55,800 gals VIKING 30

174,300 # 16/30 BRADY

60,000 # CR-4000

PLU 154

COMPANY: Bass Enterprises Production Compar
WELL: Poker lake Unit #154
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Array Induction Tool
Micro-CFL / Gamma Ray

1980FSL & 660FEL
 Section 6, Township 24S, Range 30E
 Permament Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing
 Elev.: K.B. 3247.1 ft
 G.L. 3233.8 ft
 D.F. 3245.1 ft
 Elev.: 3233.8 ft
 13.3 ft above Perm. Datum

Logging Date: 16-JUN-2001
 Run Number: One
 Depth Driller: 7440 ft
 Schlumberger Depth: 7442 ft
 Bottom Log Interval: 7434 ft
 Top Log Interval: 3300 ft
 Casing Driller Size @ Depth: 8.625 in @ 575 ft
 Casing Schlumberger: 584 ft
 Bit Size: 7.875 in
 Type Fluid In Hole: Oil Inverted Mud / Diesel & Brine
 Density: 9.2 lbm/gal
 Viscosity: 38 s
 PH: 117

Logging Date	16-JUN-2001	SECTION	6	TOWNSHIP	24S	RANGE	30E
Run Number	One						
Depth Driller	7440 ft						
Schlumberger Depth	7442 ft						
Bottom Log Interval	7434 ft						
Top Log Interval	3300 ft						
Casing Driller Size @ Depth	8.625 in @ 575 ft						
Casing Schlumberger	584 ft						
Bit Size	7.875 in						
Type Fluid In Hole	Oil Inverted Mud / Diesel & Brine						
Density	9.2 lbm/gal						
Viscosity	38 s						
PH	117						
Source Of Sample	Circulation Pit						
RM @ Measured Temperature	0.231 ohm.m @ 95 degF						
RMF @ Measured Temperature	0.173 ohm.m @ 95 degF						
RMC @ Measured Temperature	@ @ @						
Source RMF	Calculated						
RM @ MRT	0.190 @ 117 0.142 @ 117						
Maximum Recorded Temperature	117 degF						
Circulation Stopped	16-JUN-2001 7:30						
Logger On Bottom	16-JUN-2001 13:00						
Unit Number	3112 Hobbs, NM						
Recorded By	Olav Amundsen						
Witnessed By	Simlanne Hayden						

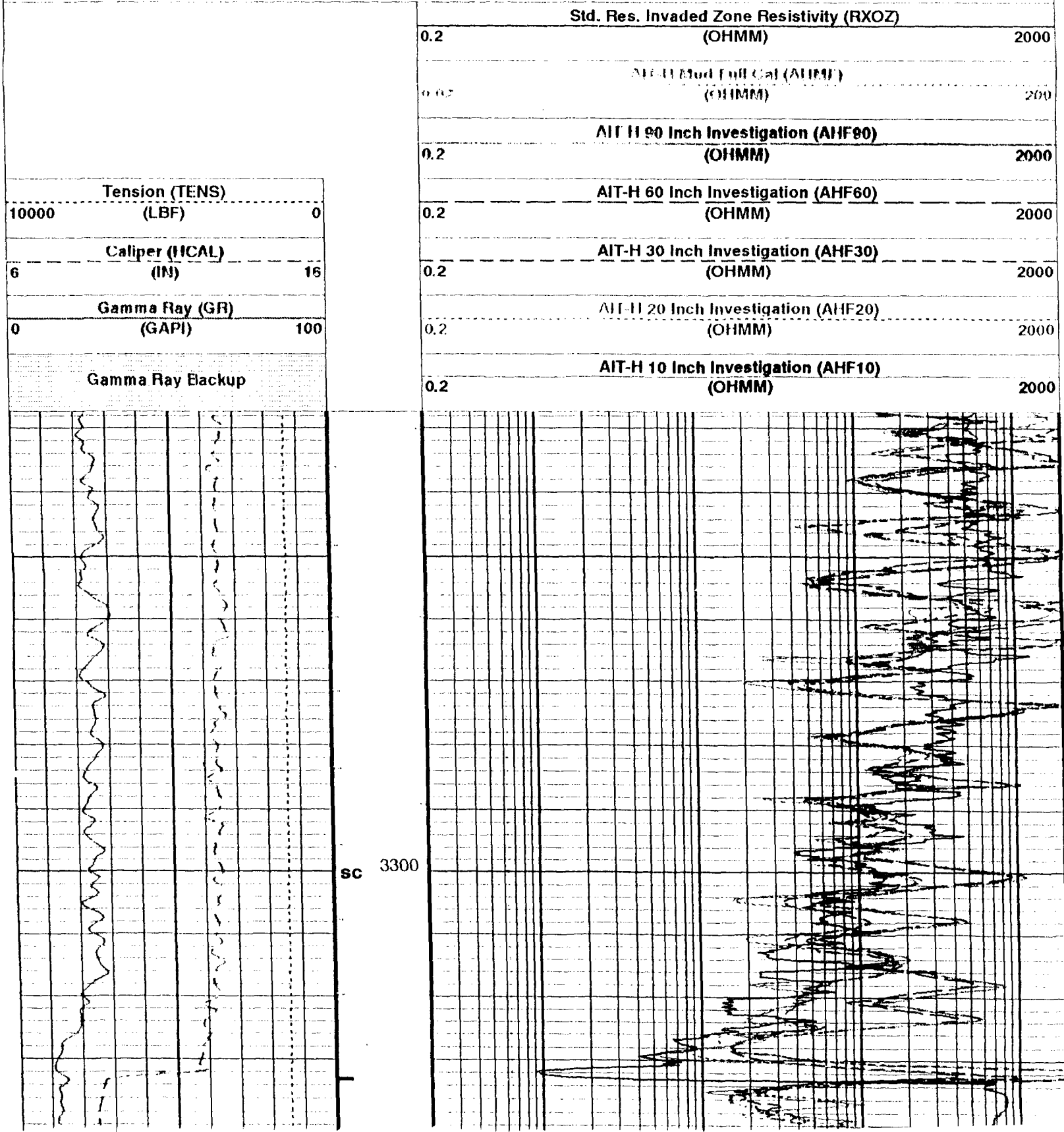
OP System Version: 9C1-303
MCM

HILTB-CTS SRPCWX-1463 BSP OP91-kp2

PIP SUMMARY

- ↑ Integrated Hole Volume Minor Pip Every 10 F3
- ↑ Integrated Hole Volume Major Pip Every 100 F3
- ↑ Integrated Cement Volume Minor Pip Every 10 F3
- ↑ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S



Tension (TENS)	0
(LBF)	10000
Caliper (ICAL)	16
(IN)	6
Gamma Ray (GR)	100
(GAPI)	0
Gamma Ray Backup	

SC 3300

T/8A

sc 7100

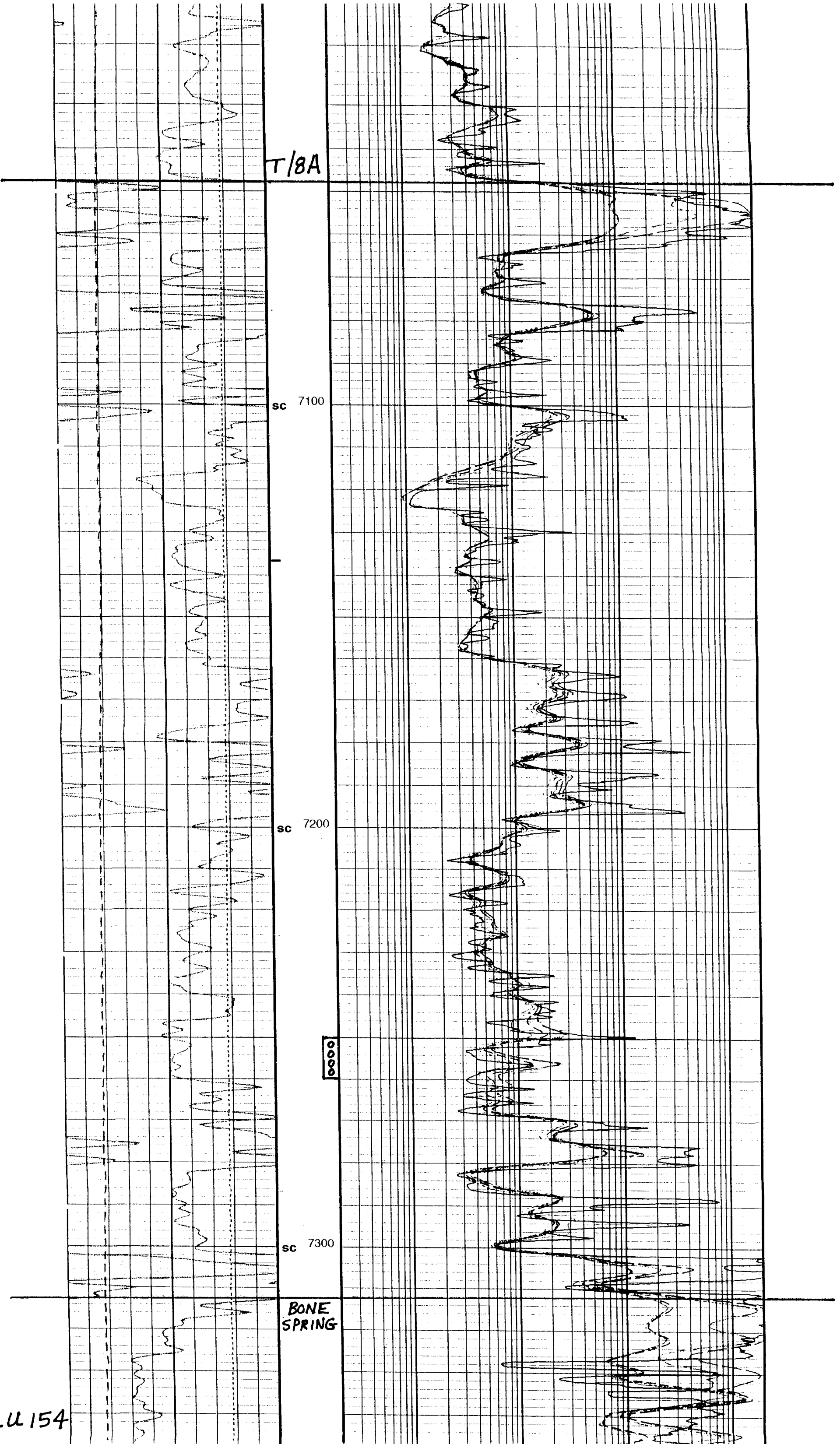
sc 7200

0000

sc 7300

BONE
SPRING













PLU 154



Company: BASS ENTERPRISES PROD. CO.
 Well: POKER LAKE UNIT # 154
 Location: Sec: 6 Twn: 24 SRge: 30 E Blk: _____
 Survey: 1980' FSL & 660' FEL API: _____
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3247' GL: 3234'
 Contractor: PATTERSON #141 Spud Date: 6/03/01
 Depth Logged: From: 4000' To: 7440'
 Date Logged: From: 6/08/01 To: 6/14/01
 Logger: POWELL / DOSSEY Unit: #6

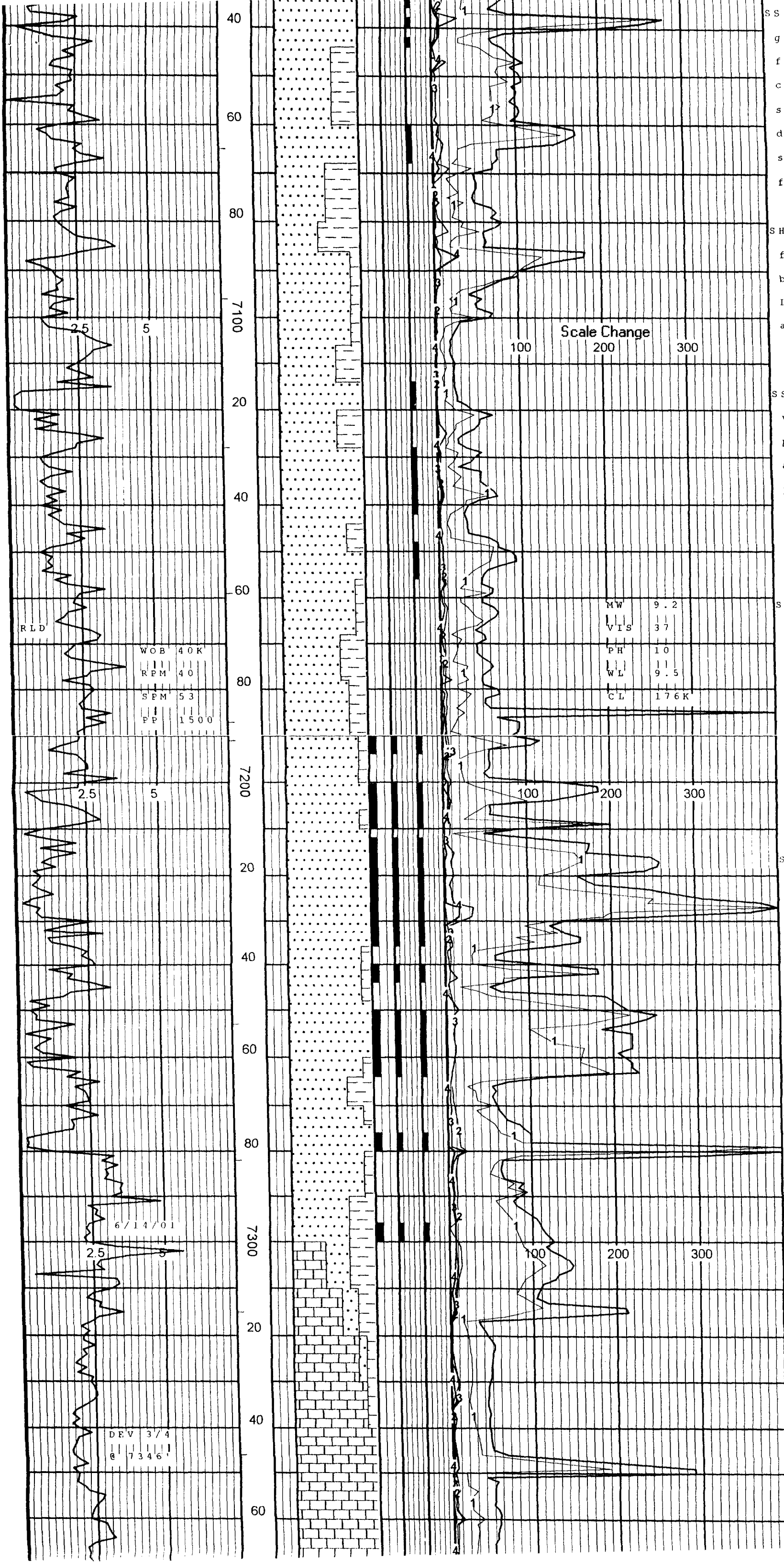
MORCO GEOLOGICAL SERVICES

Carlsbad, New Mexico - (800) 748-2340

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour

DRILLING RATE (min/ft)	DEPTH OFF BIT GFT	POROSITY OFF PMP GFT	LITH	CUT TFG	FLUOR	STAIN	Total gas (Units)		REMARKS
							1	2	
							1	1	
							2	2	
							3	3	
							4	4	
							5	5	
	20								COMMENCE 1 MAN LOGGING @ APPROX 7 AM 6/9/01
	40								CALIBRATE ALL EQUIPMENT
	60								DRILLING WITH 10# BRINE
	80								
	4000								RIG UP TRAP BOX TO NIPPLE ON BOTTOM OF FLOW LINE
2.5	5						20	40	60
	20								
	40								
	60								
	80								
	4100						20	40	60



SS: frstd, lt gry, tn, vfn
 gr, s/rnd-s/ang, pred
 frly consl, sm lsly
 consl, wl srtd, fr cmtd
 sm sli argil ip, 15%
 drk brn-blk dead oil
 stn, sme flg grn, sme
 faint petro odor

SH: drk brn, drk gry, blk
 frm-mod hrd, blk-sub
 blk, calc, sm w/intrbd
 LS, incrs amnt carb, sm
 aren

SS: lt gry, tn, gry, frstd
 vfn gr, s/rnd-s/ang,
 pred lsly consl, mod
 amnt free gr, wl srtd,
 prly cmtd, sm w/good
 15-20% blk dead oil
 stn, fr amnt fltg gr

SH: drk brn, brn, blk, drk
 gry, gry, waxy, dull
 mod frm, sme sft, lmy
 tr pyr

SS: clr, lt gry, brn, frst
 vfn grn, pred unconsol
 sme consol, prly cmtd,
 calc mtrx, wl srtd, s/
 rnd-rnd, mod amt wht/
 gry mott cly, 30%-40%
 yell flour, slow yell
 wet cut, 20% brn/blk
 dead oil stain

SS: off wht, crm, mott,
 frstd, tn, vfn-fn grn,
 s/rnd-s/ang, pred lsly
 consl, wl srtd, prly
 cmtd w/calc cmt, mod
 amnt wht/gry cly

SH: blk, dik brn, lt gry,
 gry, blk, erthy, frm,
 mod frm, sme sft, lmy,
 tr pyr

PLU 154

155

PLU #155

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #155
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 1980 FSL & 1980' FEL
 Well: Poker Lake Unit #155
 Company: Bass Enterprises Production Co

Schlumberger		Platform Express	
Three Detector Litho-Density		Compensated Neutron / GR	
1980' FSL & 1980' FEL	Elev.: K.B. 3238.5 ft	Elev.: 3225 ft	
Permanent Datum: _____	Ground Level _____	Elev.: 13.5 ft above Perm. Datum	
Log Measured From: _____	Kelly Bushing _____	D.F. 3237.5 ft	
Drilling Measured From: _____	Kelly Bushing _____		
API Serial No. 30-015-31687	SECTION 6	TOWNSHIP 24S	RANGE 30E
Logging Date 6-JUL-2001	Run Number One		
Depth Driller 7510 ft	Schlumberger Depth 7490 ft		
Bottom Log Interval 7472 ft	Top Log Interval 200 ft		
Casing Driller Size @ Depth 8.625 in @ 572 ft	Casing Schlumberger 562 ft		
Bit Size 7.875 in	Type Fluid In Hole 65% Brine / 35% Diesel		
Density 9 lbm/gal	Viscosity 43 s		
Fluid Loss 92 cm3	PH 10		
Source Of Sample Circulation Tank	RIM @ Measured Temperature 0.091 ohm.m @ 90 degF		
RIM @ Measured Temperature 0.047 ohm.m @ 77 degF	RMC @ Measured Temperature @ @		
Source RMF RMC Measured	RMF @ MRT 0.068 @ 123 0.030 @ 123		
Recorded Temperatures 119 degF @ 123	Stopped Time 5-JUL-2001 21:00		
Bottom Time 6-JUL-2001 5:00	Location 3049 Roswell, N.M.		
By R. Delidais / A. Hill	By S. Hayden		

6	(IN)	16
10000	Cable Tension (TENS) (LBF)	0

PIP SUMMARY

- └ Integrated Borehole Volume Every 10 F3
- └ Integrated Borehole Volume Every 100 F3
- └ Integrated Annulus Volume Every 10 F3
- └ Integrated Annulus Volume Every 100 F3

MAIN PASS 2" = 100'

Time Mark Every 60 S
 Format: 2_nuc Vertical Scale: 2" per 100' Graphics File Created: 06-Jul-2001 09:04

OP System Version: 9C1-303
MCM

HILTB-CTS	OP91-kp2
Input DLIS Files	
DEFAULT	HILTC .016 FN:1 PRODUCER 06-Jul-2001 08:22 7500.0 FT 188.0 FT
Output DLIS Files	
DEFAULT	HILTC .019 FN:14 PRODUCER 06-Jul-2001 09:04

Input DLIS Files	
DEFAULT	HILTC .016 FN:1 PRODUCER 06-Jul-2001 08:22 7500.0 FT 188.0 FT
Output DLIS Files	
DEFAULT	HILTC .019 FN:14 PRODUCER 06-Jul-2001 09:04 7500.0 FT 188.0 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 3159.10 F3
 Cement Volume = 2017.68 F3 (assuming 5.50 IN casing O.D.)
 Computed from 7490.0 FT to 572.0 FT using data channel(s) HCAL

OP System Version: 9C1-303
MCM

HILTB-CTS	OP91-kp2
PIP SUMMARY	
└ Integrated Borehole Volume Every 10 F3	
└ Integrated Borehole Volume Every 100 F3	
└ Integrated Annulus Volume Every 10 F3	
└ Integrated Annulus Volume Every 100 F3	
Time Mark Every 60 S	

10000	Cable Tension (TENS) (LBF)	0
6	HRMS Calliper (HCAL) (IN)	16
0	GR (GR) (GAPI)	100
Gamma Ray on Backup		
0.3	Thermal Neutron Porosity (TNPH) (V/V)	-0.1
0	Stan Res Formation Pe Factor (PEFZ) (---)	10
-0.05	HRDD Density Correction (HDRA) (G/C3)	0.45
0.3	Stan Res Density Porosity [2.71] (DPHZ) (V/V)	-0.1

MAIN PASS 5" = 100'

7000
T/BA

7100

7200
6000

STIMULATION

7192' - 7202'

55,300 gal's VIKING 30

184,000# 16/30 BRADY

60,000# CR-4000

TENS

TNPH

PEFZ

BONE
SPRING

7300

PLU 155

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #155
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
Platform Express
Array Induction Tool
Gamma Ray

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 1980' FSL & 1980' FEL
 Well: Poker Lake Unit #155
 Company: Bass Enterprises Production Co

LOCATION		1980' FSL & 1980' FEL	Elev.: K.B. 3238.5 ft G.L. 3225 ft D.F. 3237.5 ft
Permanent Datum:	Ground Level		
Log Measured From:	Kelly Bushing		Elev.: 3225 ft 13.5 ft above Perm. Datum
Drilling Measured From:	Kelly Bushing		
API Serial No.	SECTION	6	TOWNSHIP
30-015-31687			24S
			RANGE
			30E

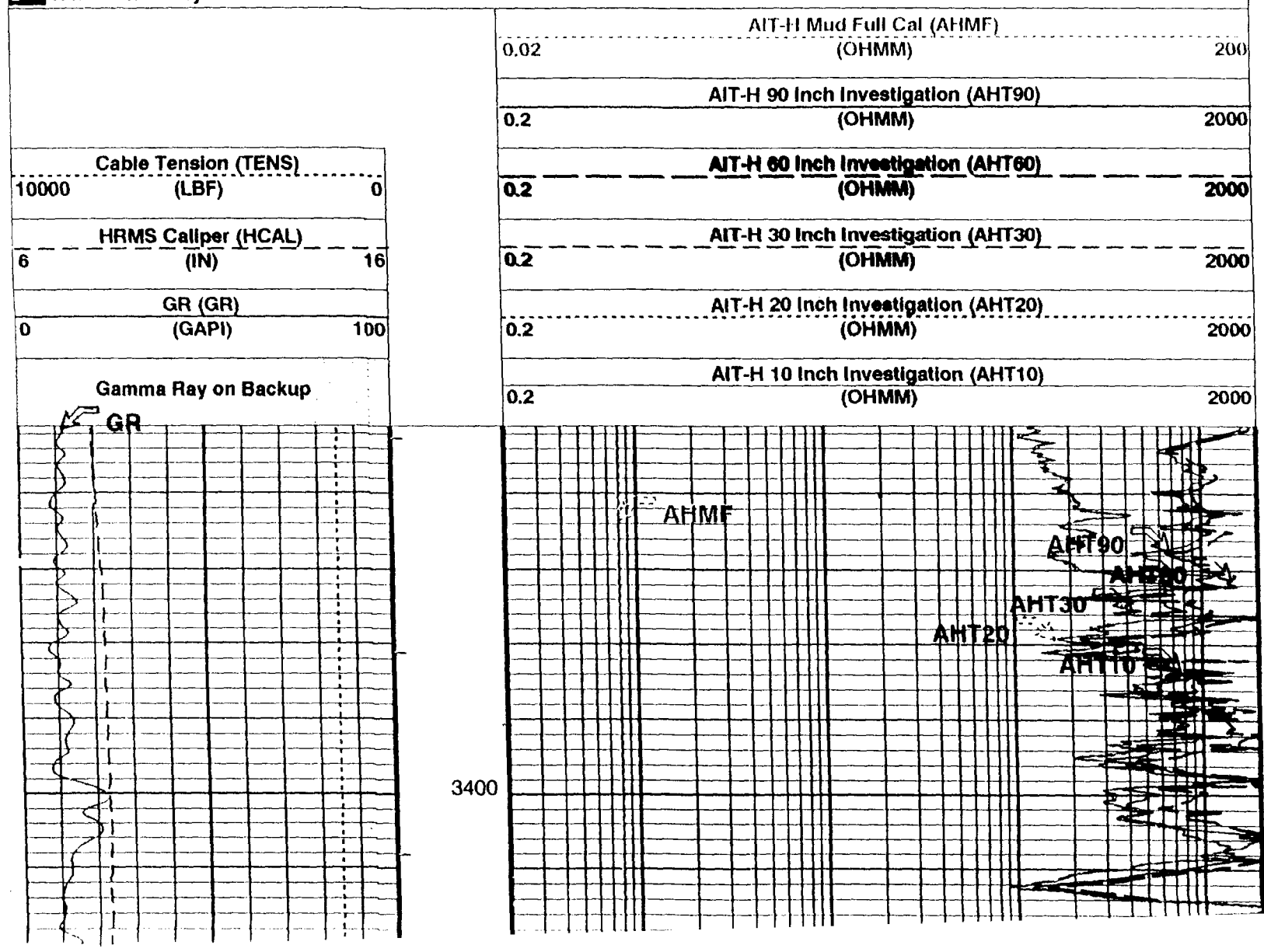
Logging Date	6-JUL-2001
Run Number	One
Depth Driller	7510 ft
Schlumberger Depth	7490 ft
Bottom Log Interval	7482 ft
Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 572 ft
Casing Schlumberger	562 ft
Bit Size	7.875 in
Type Fluid In Hole	65% Brine / 35% Diesel
Density	9 lbm/gal
Fluid Loss	PH 43 s
Source Of Sample	92 cm3 10
FM @ Measured Temperature	0.091 ohm.m @ 90 degF
RMF @ Measured Temperature	0.047 ohm.m @ 77 degF
RMC @ Measured Temperature	@ @ @
Source RMF	Measured
FM @ MRT	0.068 @ 123 0.030 @ 123
Maximum Recorded Temperatures	119 degF @ 123
Circulation Stopped	5-JUL-2001 21:00
Logger On Bottom	6-JUL-2001 5:00
Joint Number	3049 Roswell, N.M.
Recorded By	R. Delidais / A. Hill
Witnessed By	S. Hayden

Input DLIS Files					
DEFAULT	HILTC .017	FN:12 PRODUCER	06-Jul-2001 08:26	7500.0 FT	525.0 FT
Output DLIS Files					
DEFAULT	HILTC .018	FN:13 PRODUCER	06-Jul-2001 08:41		

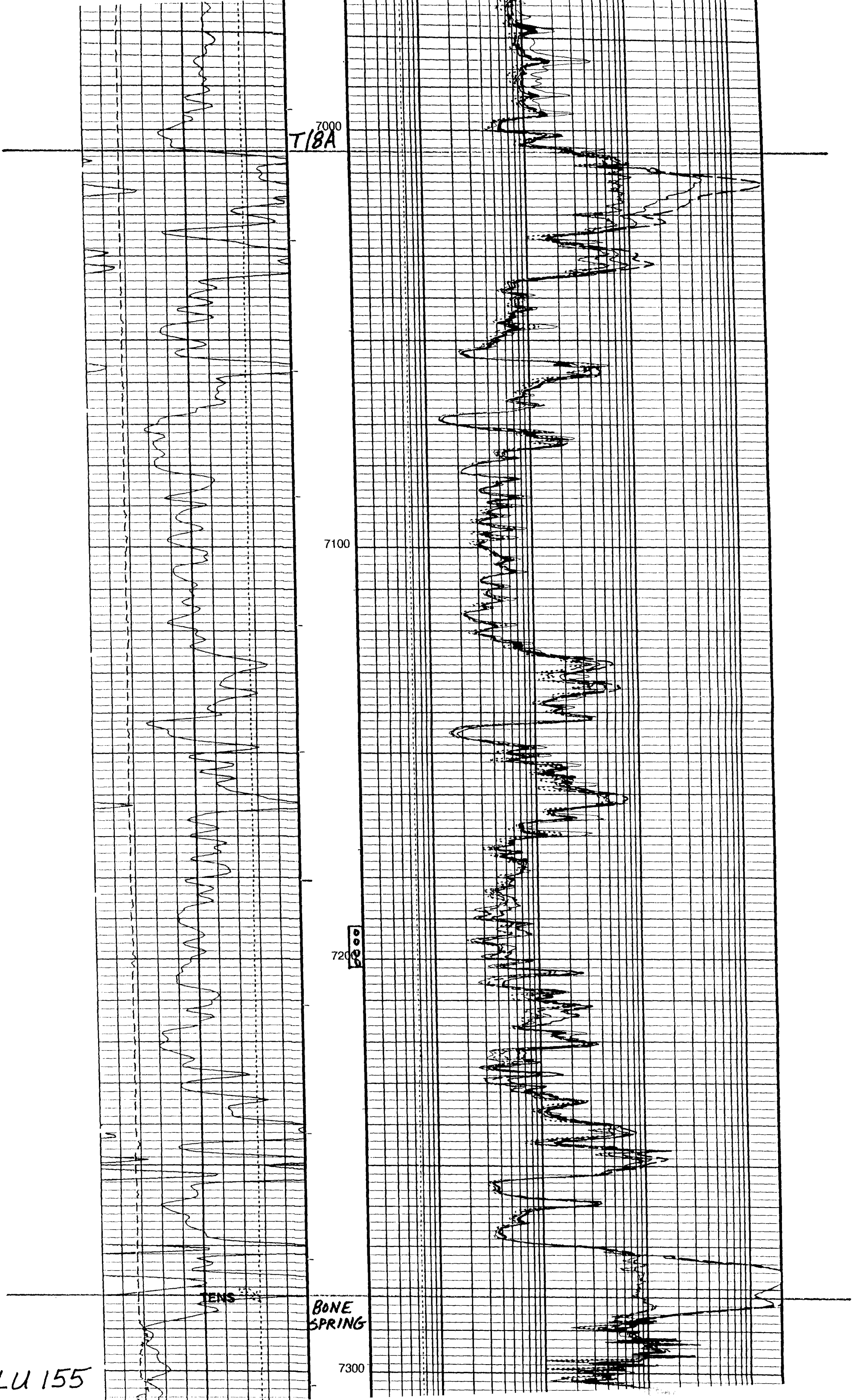
Integrated Hole/Cement Volume Summary
 Hole Volume = 3159.10 F3
 Cement Volume = 2017.68 F3 (assuming 5.50 IN casing O.D.)
 Computed from 7490.0 FT to 572.0 FT using data channel(s) HCAL

OP System Version: 9C1-303
 MCM
 HILTB-CTS OP91-kp2

PIP SUMMARY
 Integrated Borehole Volume Every 10 F3
 Integrated Borehole Volume Every 100 F3
 Integrated Annulus Volume Every 10 F3
 Integrated Annulus Volume Every 100 F3
 Time Mark Every 60 S
 MAIN PASS 5" = 100'



PLU 155



7000
T18A

7100

7200













BONE
SPRING

7300

MORCO GEOLOGICAL SERVICES

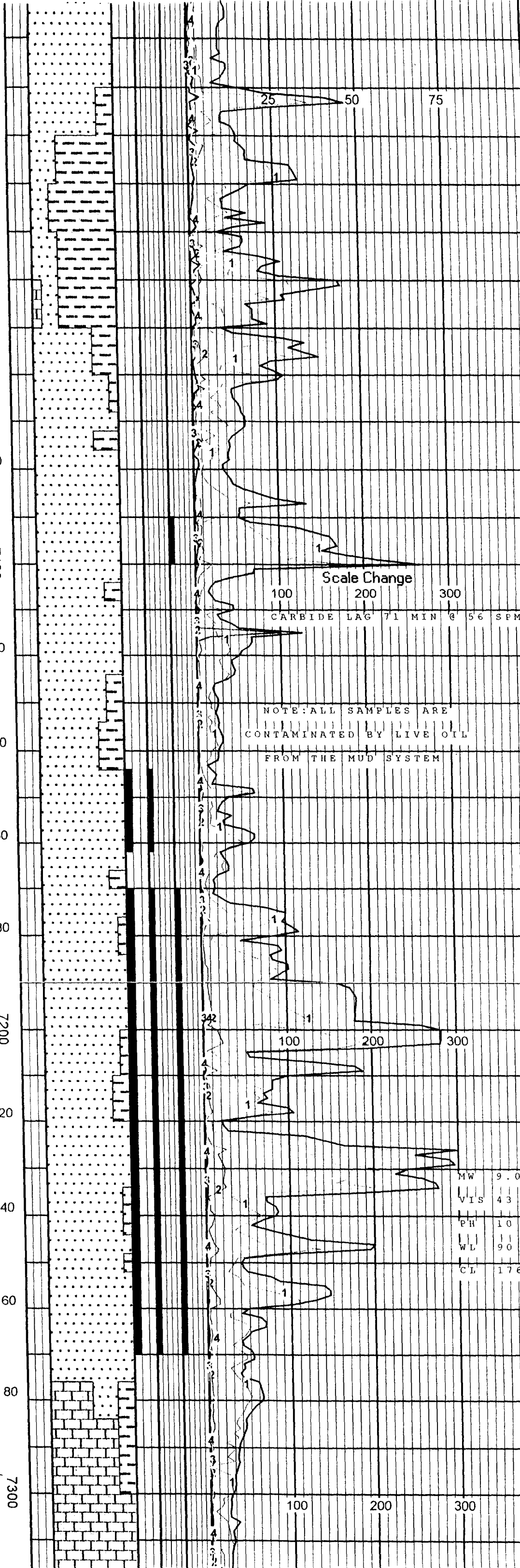
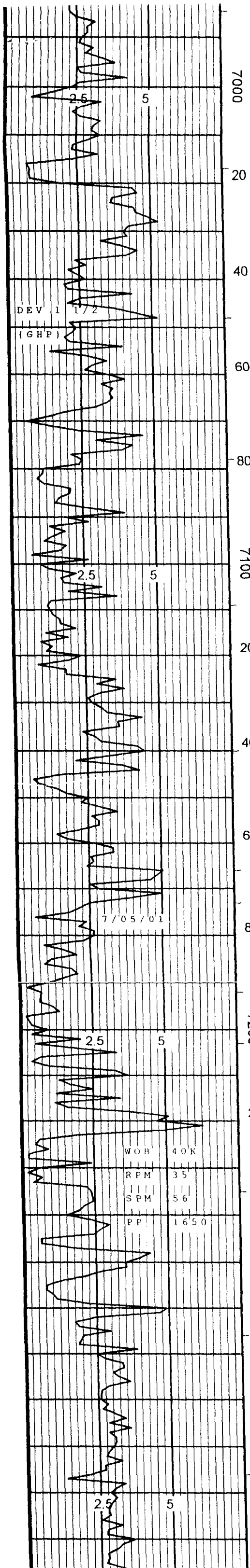
Carlsbad, New Mexico - (800) 748-2340

Company: BASS ENTERPRISES PROD. CO.
 Well: POKER LAKE UNIT #155
 Location: Sec: 6 Twn: 24 SRge: 30 E Blk:
 Survey: 1980' FSL & 1980' FEL API:
 County: EDDY State: NEW MEXICO
 Elevation: KB: 3236' GL: 3223'
 Contractor: PATTERSON #141 Spud Date: 6/19/01
 Depth Logged: From: 4000' To: 7510'
 Date Logged: From: 6/29/01 To: 7/05/01
 Logger: REED/POWELL Unit: #16

	Shale		Limestone		Salt
	Siltstone		Dolomite		Igneous
	Sandstone		Anhydrite		Metamorphic
	Conglomerate		Chert		No Sample

Total Gas Calibration: 100 Gas Units = 1% Methane Equivalent
 Chromatograph Calibration: 1 Unit = 100 ppm of each component:
 Total Gas Detector Type: Catalytic Combustion Filament (Hot Wire)
 Chromatograph Type: Catalytic Combustion Filament (Hot Wire)
 Extractor Evacuation Rate: 10 Standard Cubic Feet per Hour

DRILLING RATE (min/ft)	DEPTH OFF PMP OFF BTM	POROSITY CFI	LITH	CUT TFG	FLUOR	STAIN	Total gas (Units)					REMARKS	
							1	2	3	4	5		
	20												
	40												COMMENCE TWO MAN LOGGING 6/29/01 APPROX 10:45 PM
	60												
	80												MW 10.2 VIS 29 PH 10 WL N/C CL 182K
	4000												
	20												SS: lt gry, frstd, gry, vf gr, s/rnd-s/ang, pred lsly consl, wl srtd, pr cmtd w/calc cmt, abndt gry/wht mott cly
	40												
	60												
	80												
	4100												NO SAMPLES OR GAS READINGS, RIG REPLACING VALVE



fr amnt free clay

SS: lt gry, gry, vfn gr, consl, subrnd-subang, well srted, calc cmt, mod cmt, sm fria, sme clay matrix

SH: drk brn, drk gry, brn sme blk, blk, v/frm-fm carb, erthy, lmy, tr mic

SS: frstd, lt gry, gry, vfn gr, s/rnd-s/ang, pred mod consl, frly cmt, wl srted, incrs amnt argil ip, tr dead oil stn

SH: drk gry, gry, blk, frm mod hrd, blk, pred calc, incrs amnt carb, pred dull erthy, mod amnt aren ip

SS: lt gry, frstd, gry, sm wht, vfn gr, pred lsly consl, mod amnt frly consl, pr-frly cmt w/ calc cmt, sm argil, 10-15 med yell fluor w/ scrted tr strng mlky pale yell wet cut, gen weak slow cut, tr amnt fltg gr

SS: frstd, lt gry, gry, sm clr, vfn gr, s/rnd-s/ang pred consl, frly cmt w/calc cmt, wl srted, tr scrted med-brite yell fluor w/slo weak mlky pale yell wet cut, mod amnt slow strng cut, sm clr calcite xln, sm drk brn dead oil stn

LS: tn, lt brn, buff, vfn-mic xln, hrd-britt, pre dns, sm crme chky

SH: drk gry, drk brn, blk frm-mod hrd, s/blk-blky, decrs in carb ip gen calc, dull erthy

DEV 1 1/2
(GHP)

7/05/01

WOB 40K
RPM 35
SPM 56
PP 1650

MW 9.0+
VIS 43
PH 10
WL 90
CL 176K

Scale Change
100 200 300
CARBIDE LAG 71 MIN @ 56 SPM

NOTE: ALL SAMPLES ARE
CONTAMINATED BY LIVE OIL
FROM THE MUD SYSTEM

PLU 155

PLU #157

COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #157
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

Schlumberger
PLATFORM EXPRESS
Three Detector Litho-Density
Compensated Neutron-Microlog

660' FSL & 660' FEL
 Elev.: K.B. 3254.4 ft
 G.L. 3241.2 ft
 D.F. 3253.1 ft

Permanent Datum: Ground Level
 Log Measured From: Kelly Bushing
 Drilling Measured From: Kelly Bushing

Elev.: 3241.2 ft
 13.2 ft above Perm. Datum

API Serial No. 30-015-31689 SECTION 6 TOWNSHIP 24S RANGE 30E

Logging Date	29-AUG-2001
Run Number	One
Depth Driller	7458 ft
Schlumberger Depth	7450 ft
Bottom Log Interval	7432 ft
Top Log Interval	200 ft
Casing Driller Size @ Depth	8.625 in @ 589 ft
Casing Schlumberger	586 ft
Bit Size	7.875 in
Type Fluid In Hole	Oil / Brine Emulsion
Density	9.2 lbm/gal
Fluid Loss	3.6 cm3
PH	9
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.076 ohm.m @ 95 degF
RMF @ Measured Temperature	0.057 ohm.m @ 95 degF
RMC @ Measured Temperature	
Source RMF	Calculated
RMC	
RM @ MRT	0.062 @ 118 0.046 @ 118
RMF @ MRT	
RMC @ MRT	
Recorded Temperatures	118 degF
Stopped	29-AUG-2001 14:00
In Bottom	29-AUG-2001 21:00
Location	3112 Hobbs, NM
1 By	Charles Bartlett
d By	Simianne Hayden

Output DLIS Files

DEFAULT HILTC .008 FN:7 PRODUCER 29-Aug-2001 22:06

Input DLIS Files

DEFAULT HILTC .008 FN:7 PRODUCER 29-Aug-2001 22:06 7458.0 FT 117.8 FT

Integrated Hole/Cement Volume Summary

Hole Volume = 3259.12 ft3
 Cement Volume = 2126.77 ft3 (assuming 5.50 in casing O.D.)
 Computed from 7450.0 ft to 587.0 ft

OP System Version: 9C1-303
MCM

HILTC SRPCWX-1463

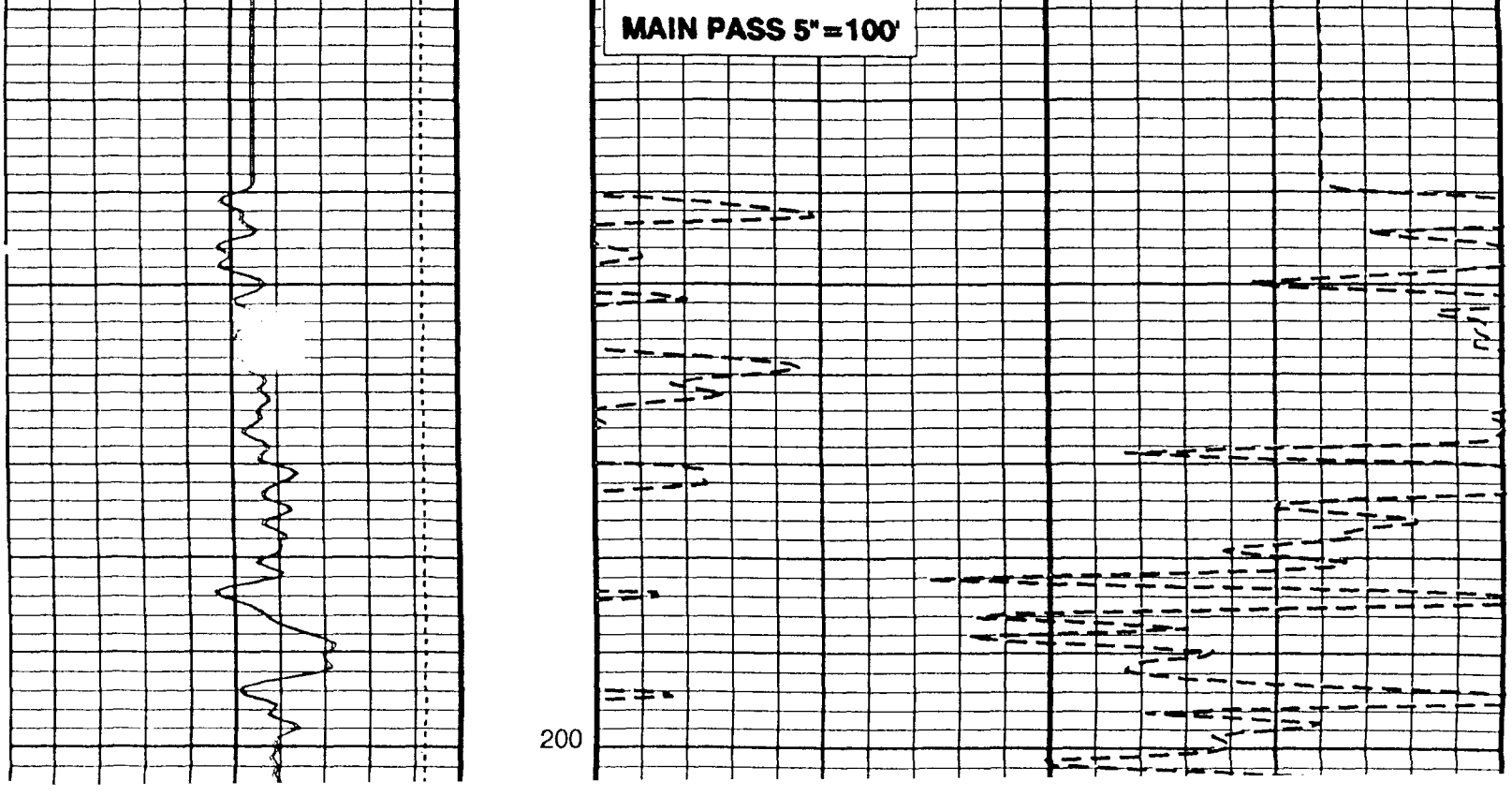
PIP SUMMARY

- ┆ Integrated Hole Volume Minor Pip Every 10 F3
- ┆ Integrated Hole Volume Major Pip Every 100 F3
- ┆ Integrated Cement Volume Minor Pip Every 10 F3
- ┆ Integrated Cement Volume Major Pip Every 100 F3

Time Mark Every 60 S

Tension (TENS)	0
(LBF)	
Caliper (HCAL)	16
(IN)	
Gamma Ray (GR)	100
(GAPI)	
Gamma Ray Backup	

Env. Corr. Thermal Neutron Porosity (TNPH)	-0.1
(V/V)	
Std. Res. Formation Pe (PEFZ)	10
(---)	
Density Correction (HDRA)	0.45
(G/C3)	
Std. Res. Density Porosity (DPHZ)	-0.1
(V/V)	



157

T/8A

7100

7200

00

STIMULATION

7222' - 7229'

7276' - 7281'

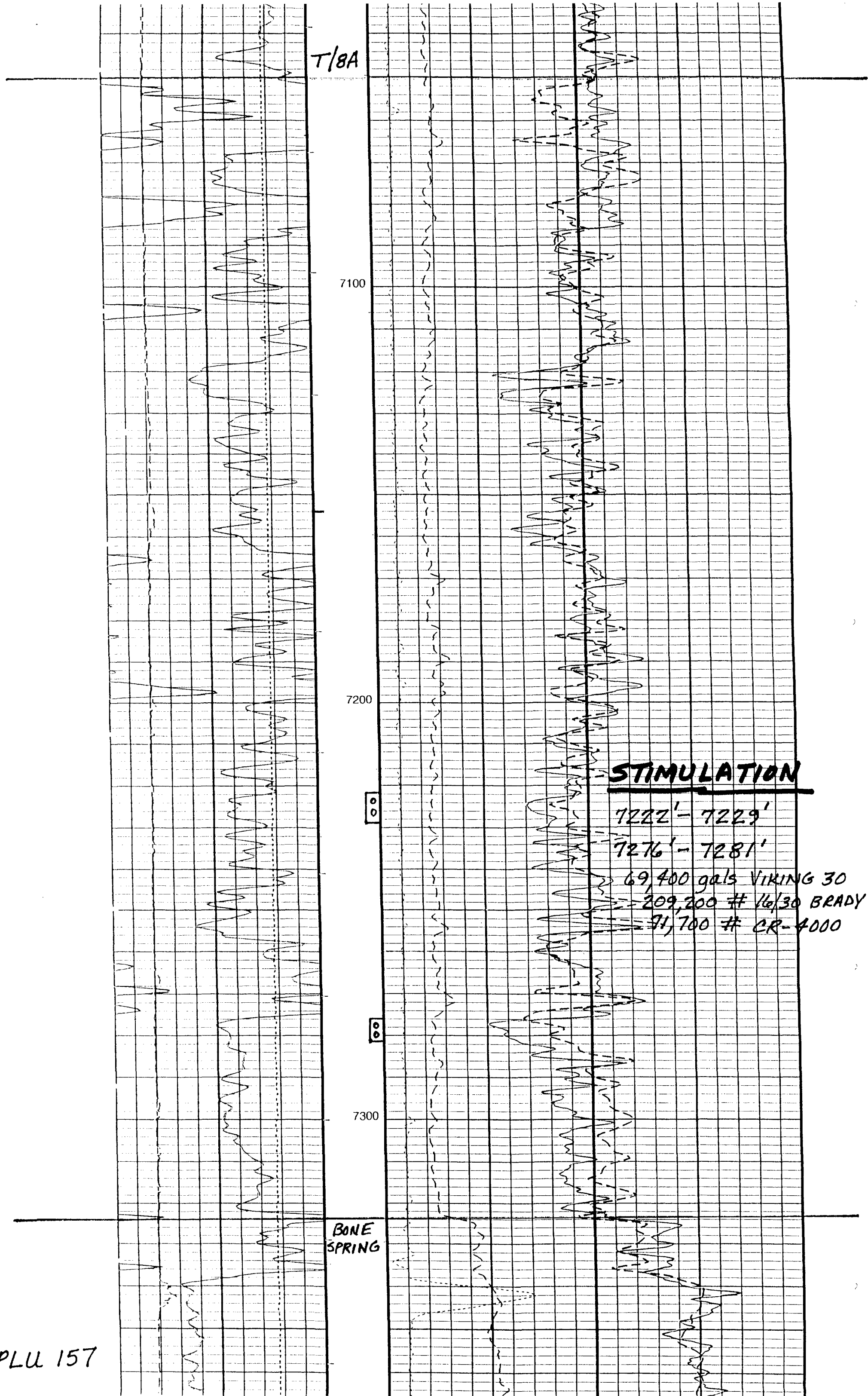
69,400 gals VIKING 30
209,200 # 1/6/30 BRADY
31,700 # CR-4000

7300

00

BONE
SPRING

PLU 157



COMPANY: Bass Enterprises Production Company
WELL: Poker Lake Unit #157
FIELD: Nash Draw (Delaware)
COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Nash Draw (Delaware)
 Location: 660' FSL & 660' FEL
 Well: Poker Lake Unit #157
 Company: Bass Enterprises Production Co

LOCATION		660 FSL & 660 FEL	Elev.: K.B. 3254.4 ft
Permanent Datum:		Ground Level	G.L. 3241.2 ft
Log Measured From:		Kelly Bushing	D.F. 3253.1 ft
Drilling Measured From:		Kelly Bushing	Elev.: 3241.2 ft
API Serial No. 30-015-31689		SECTION 6	TOWNSHIP 24S
Logging Date 29-AUG-2001		RANGE 30E	

Schlumberger
 PLATFORM EXPRESS
 Array Induction Tool
 MicroCFL-GR

Logging Date	29-AUG-2001	Run Number	One
Depth Driller	7458 ft	Schlumberger Depth	7450 ft
Bottom Log Interval	7442 ft	Top Log Interval	3400 ft
Casing Driller Size @ Depth	8.625 in @ 589 ft	Casing Schlumberger	586 ft
Bit Size	7.875 in	Type Fluid In Hole	Oil / Brine Emulsion
Density	9.2 lbm/gal	Viscosity	42 s
Fluid Loss	3.6 cm3	PH	9
Source Of Sample	Circulation Tank	RM @ Measured Temperature	0.076 ohm.m @ 95 degF
RMF @ Measured Temperature	0.057 ohm.m @ 95 degF	FMC @ Measured Temperature	@
Source RMF	Calculated	RM @ MRT	0.062 @ 118
RM @ MRT	0.046 @ 118	Maximum Recorded Temperatures	118 degF
Circulation Stopped	Time 29-AUG-2001 14:00	Logger On Bottom	Time 29-AUG-2001 21:00
Unit Number	3112	Location	Hobbs, NM
Recorded By	Charles Bartlett	Witnessed By	Simianne Hayden

Output DLIS Files

DEFAULT HILTC .008 FN:7 PRODUCER 29-Aug-2001 22:06

Speed Corrected - Depth Matched LOG

OP System Version: 9C1-303
 MCM

HILTB-CTS SRPCWX-1463

PIP SUMMARY

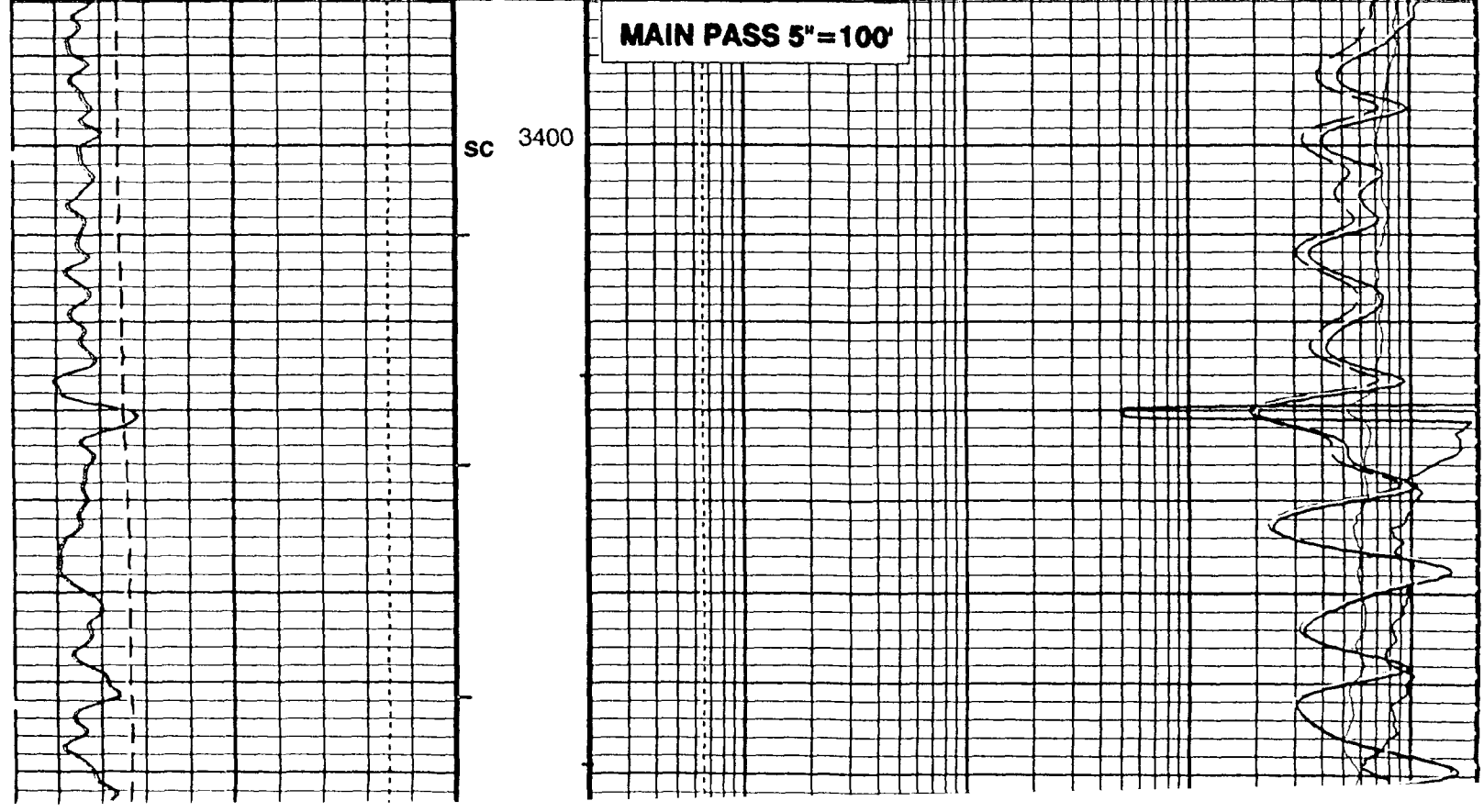
- └ Integrated Hole Volume Minor Pip Every 10 F3
- └ Integrated Hole Volume Major Pip Every 100 F3
- └ Integrated Cement Volume Minor Pip Every 10 F3
- └ Integrated Cement Volume Major Pip Every 100 F3

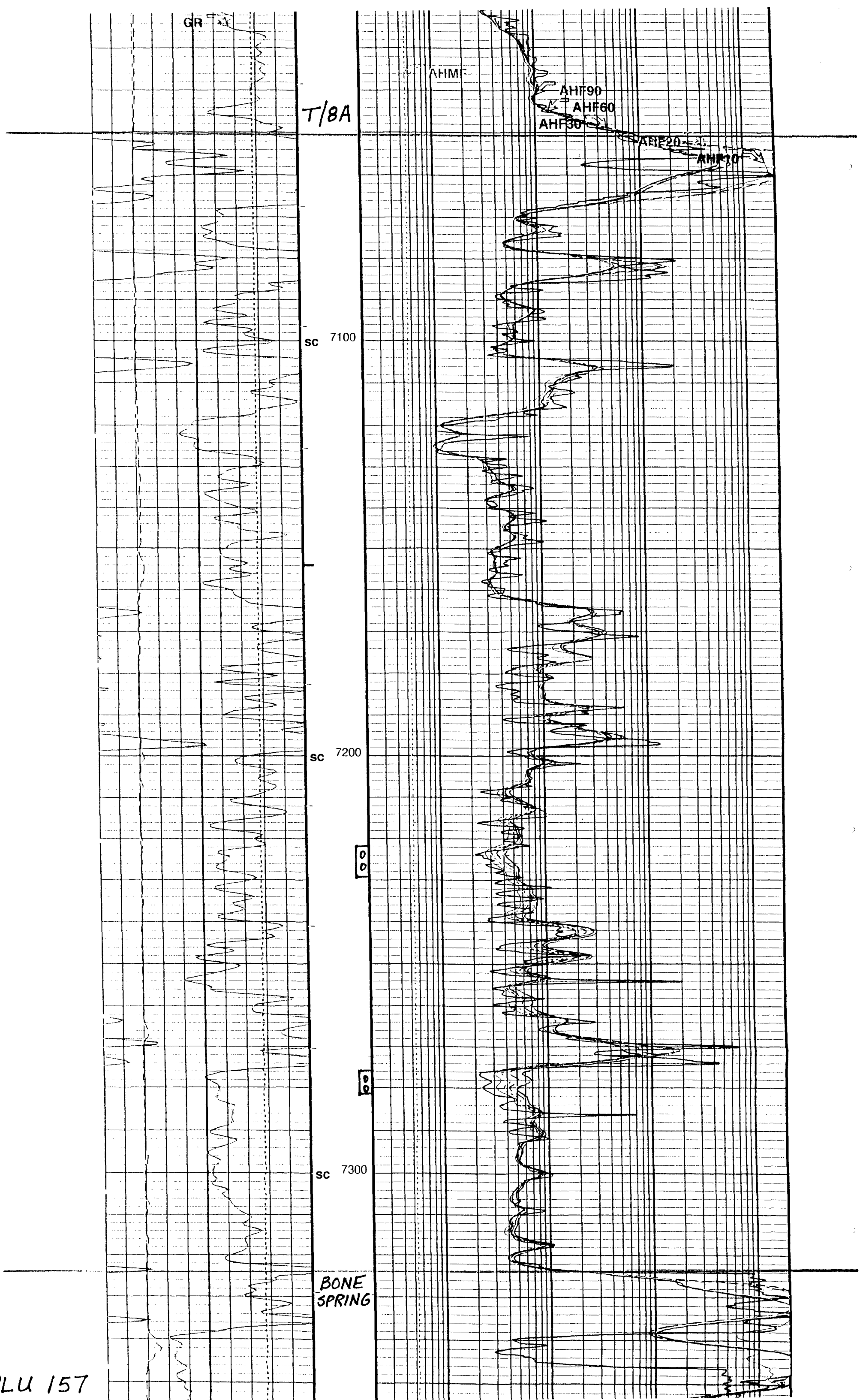
Time Mark Every 60 S

	Std. Res. Invaded Zone Resistivity (RXOZ)	0.2	(OHMM)	2000
	AIT-H Mud Full Cal (AHMF)	0.02	(OHMM)	200
	AIT-H 90 Inch Investigation (AHF90)	0.2	(OHMM)	2000
	AIT-H 60 Inch Investigation (AHF60)	0.2	(OHMM)	2000
	AIT-H 30 Inch Investigation (AHF30)	0.2	(OHMM)	2000
	AIT-H 20 Inch Investigation (AHF20)	0.2	(OHMM)	2000
	AIT-H 10 Inch Investigation (AHF10)	0.2	(OHMM)	2000

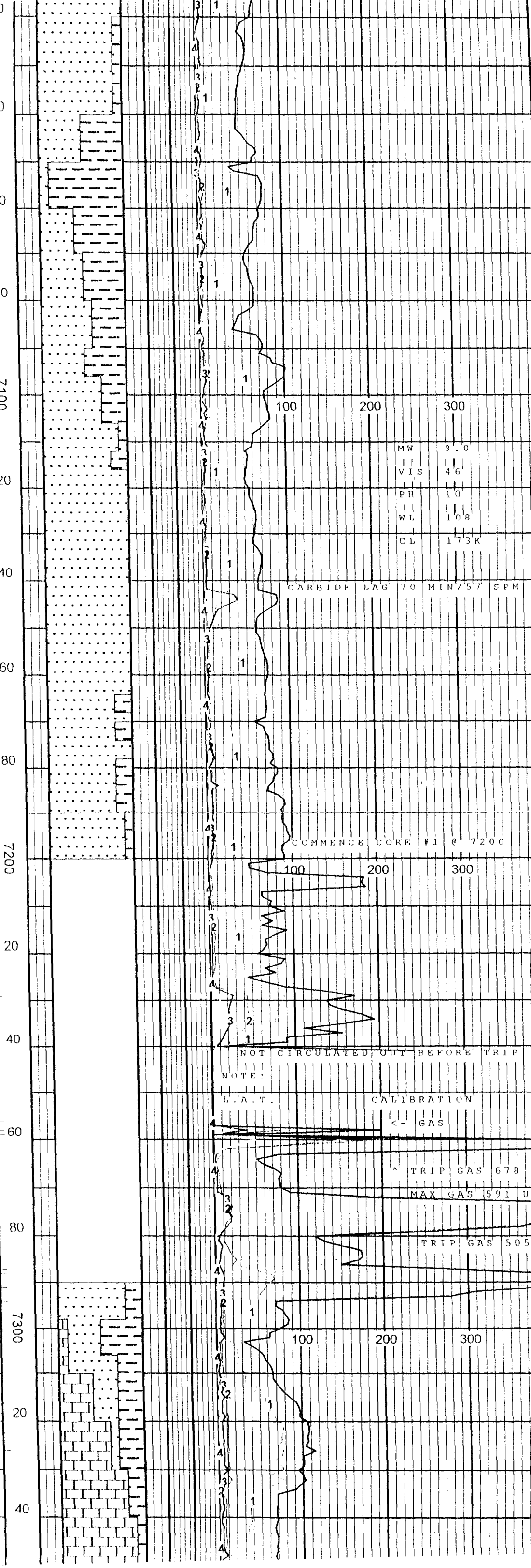
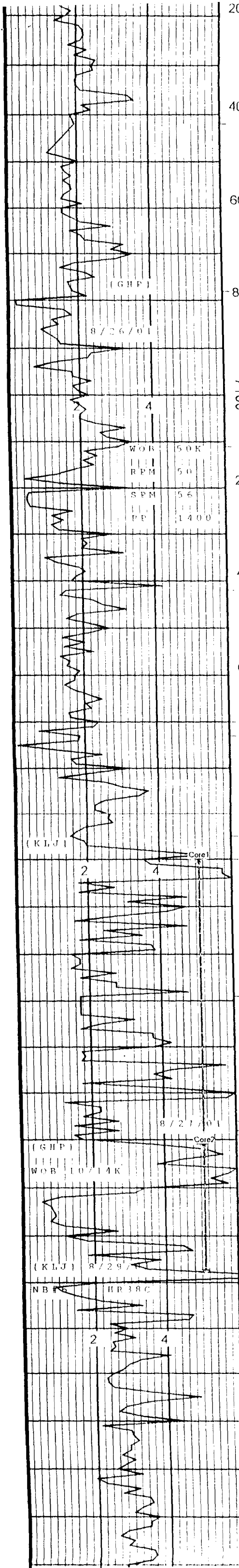
Tension (TENS)	(LBF)	0
Caliper (HCAL)	(IN)	16
Gamma Ray (GR)	(GAPI)	100

Gamma Ray Backup





PLU 157



mott wht/gry.

SH: drk gry, drk brn, med firm, fnly mica, blk, carb, some drk brn to blk, carb.

SS: wht, lt gry, frstd, vf gr, s/rnd-s/ang, pred consl, sm lsly, wl srted prly cmtd w/calc cmt, sm sli argil, mod amt gry/wht mott cly

SS: frstd, clr, lt gry, vf gr, s/rnd-s/ang, pred uncous, sm lsly consl, wl srted, prly cmtd w/calc cmt

SS: lt gry, frstd, clr, vf gr, s/rnd-s/ang, lsly consl, pr cmtd w/calc cmt, sm argil

SH: drk gry, drk brn, blk frm-mod hrd, blk, calc

SS: lt gry, gry, frstd, sm wht, vf gr, s/rnd-s/ang lsly-titely consl, wl srted, pr-fr cmtd calc cmt, sm argil, sm sily

CORE #1 7200'-7260' CUT 60' RECOVERED 60'

NOT CIRCULATED OUT BEFORE TRIP

NOTE: L.A.T. CALIBRATION

TRIP GAS 678 U
MAX GAS 591 U
TRIP GAS 505

CORE #2 7260'-7288' CUT 28' RECOVERED 28'

CORE BARREL JAMMED

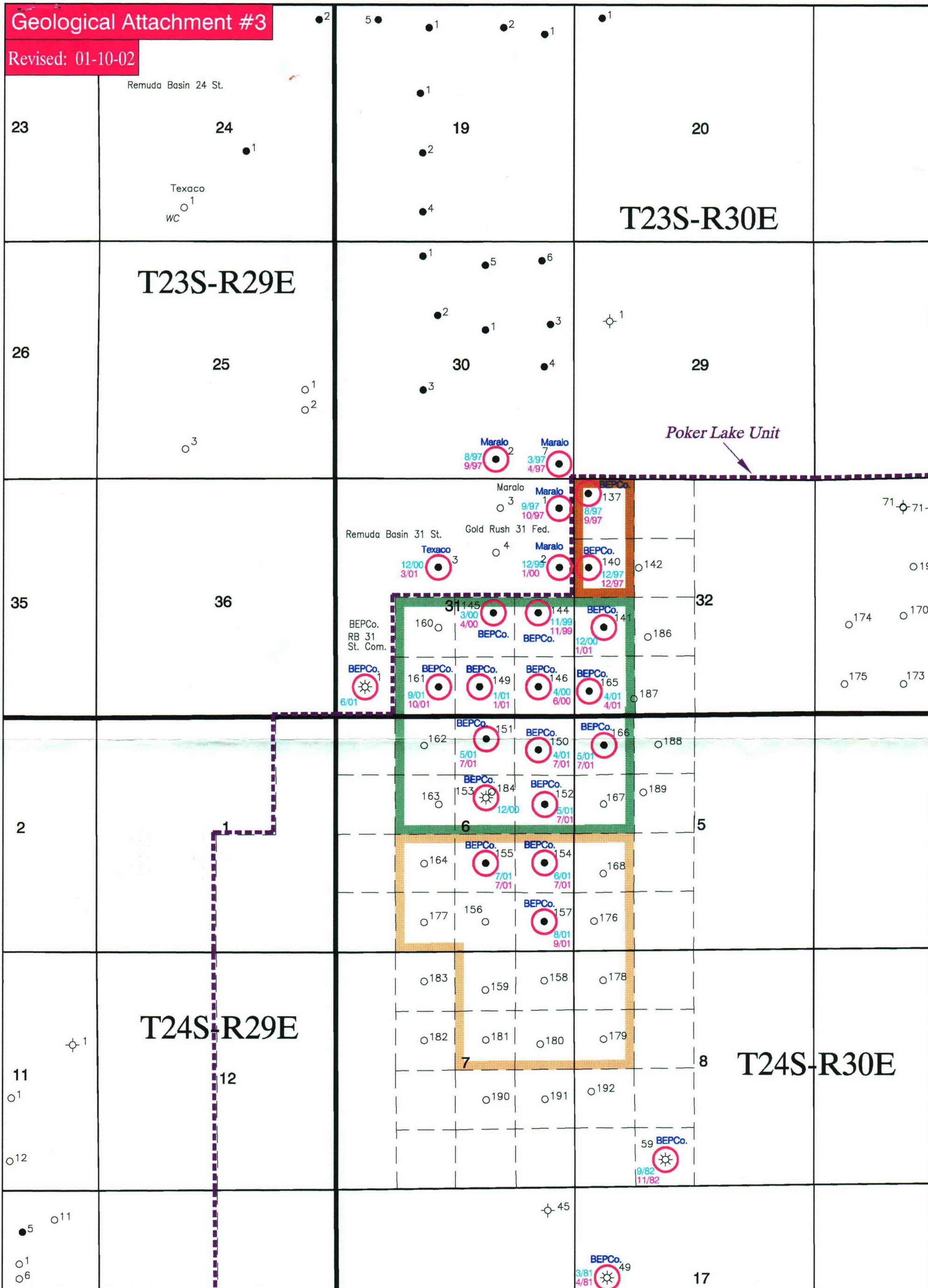
SS: gry, crm, clr, vfn-fn grn, consl, frly cmtd, tr cly mott wht/gry

LS: brn, buff, crme, drk brn, vfn-mic xln, frm-mod hrd, pred dns, mod amt bcng argil

PLU 157

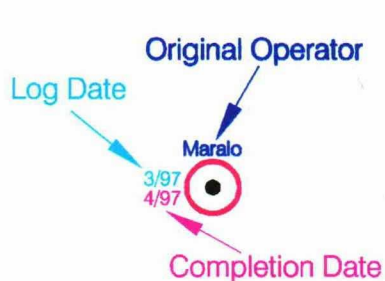
Geological Attachment #3

Revised: 01-10-02



LEGEND

- Initial PA (effective 9-9-97)
- First Revision (effective 11-1-99)
- Proposed Second Revision (effective 7-01-01)



Bass Enterprises Production Co.

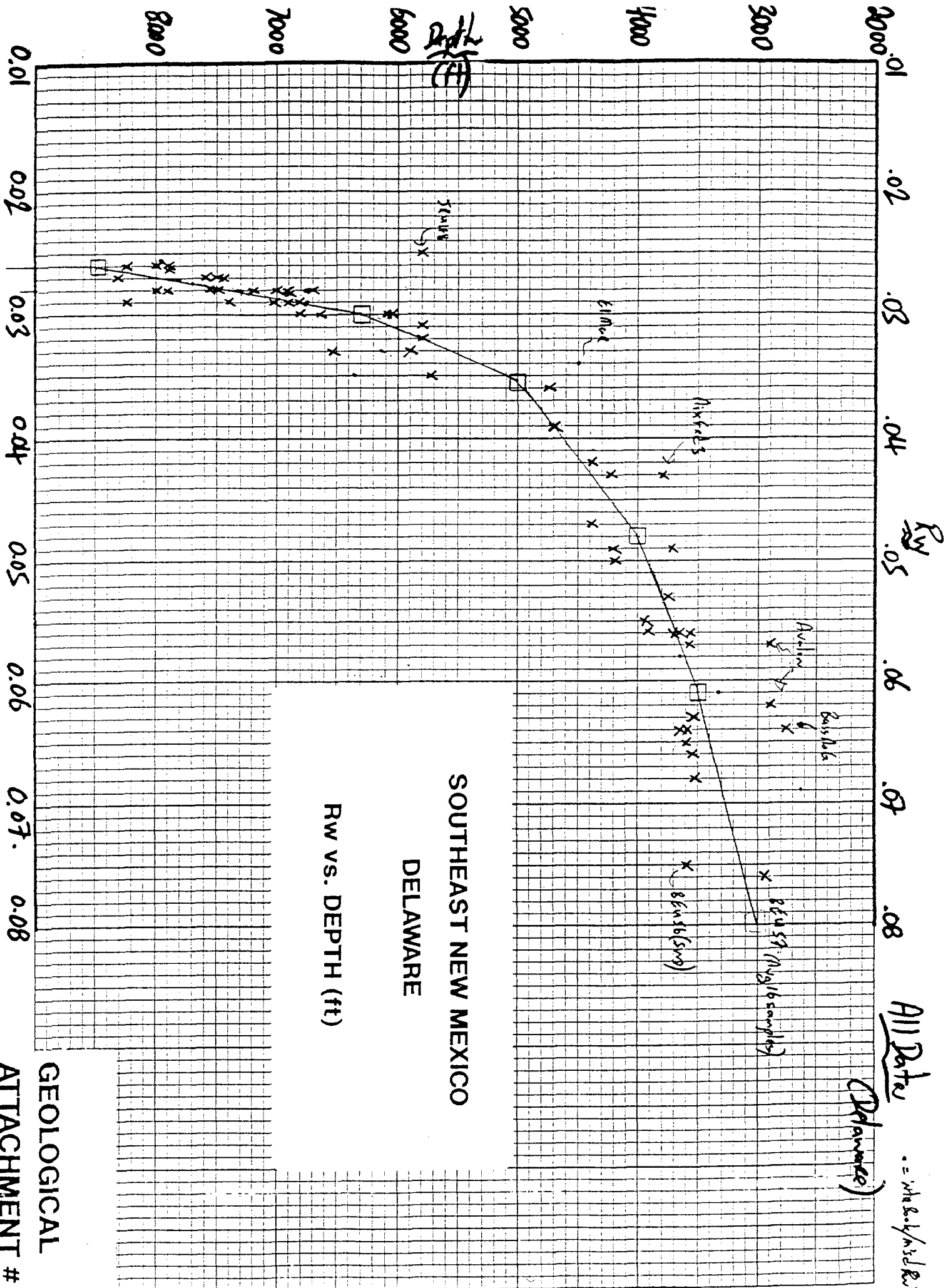
POKER LAKE UNIT
Eddy County, New Mexico

BASE MAP - EXISTING WELLS
Illustrating Original Operator, Log Date & Comp. Date

DATE: 01-10-02	INTER. BY:	SCALE: 1" = 2000'
DEPT: Geology	DRAFTED BY: PO	DWG: dlwr c key map rev1-02.dwg

**EXISTING WELL DATABASE
REVISED 01-10-02**

Original Operator	Well Name	Log Date	Completion Date
BEPCo	PLU 49	03/30/81	04/28/81
BEPCo	PLU 59	09/10/82	11/13/82
BEPCo	PLU 137	08/22/97	09/09/97
BEPCo	PLU 140	12/03/97	12/11/97
BEPCo	PLU 141	12/16/00	01/08/01
BEPCo	PLU 144	11/04/99	11/15/99
BEPCo	PLU 145	03/25/00	04/29/00
BEPCo	PLU 146	04/21/00	06/07/00
BEPCo	PLU 149	01/03/01	01/17/01
BEPCo	PLU 150	04/18/01	07/04/01
BEPCo	PLU 151	05/01/01	07/05/01
BEPCo	PLU 152	05/18/01	07/25/01
BEPCo	PLU 153	12/31/00	Morrow Completion
BEPCo	PLU 154	06/16/01	07/11/01
BEPCo	PLU 155	07/06/01	07/26/01
BEPCo	PLU 157	08/30/01	09/21/01
BEPCo	PLU 161	09/17/01	10/15/01
BEPCo	PLU 165	04/04/01	04/19/01
BEPCo	PLU 166	05/31/01	07/04/01
MARALO	GR '30' FED 2	08/31/97	09/21/97
MARALO	GR '30' FED 7	03/04/97	04/02/97
MARALO	GR '31' FED 1	09/17/97	10/26/97
MARALO	GR '31' FED 2	12/06/99	01/11/00
TEXACO	RB '31' ST 3	12/21/00	03/23/01
BEPCo	RB '31' ST COM 1	06/30/01	Morrow Completion

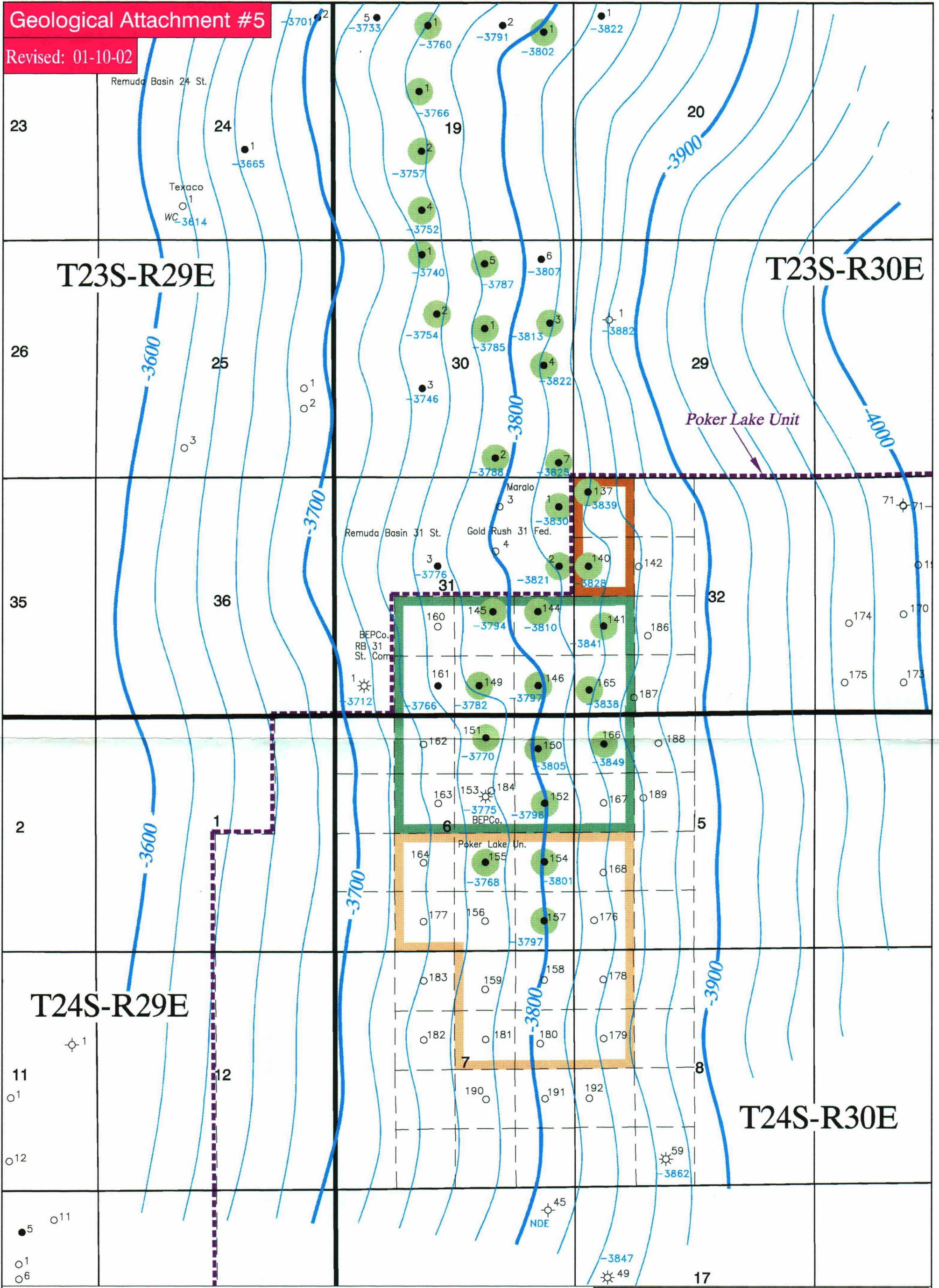


GEOLOGICAL
ATTACHMENT # 2





All Data
(Delaware)

Geological Attachment #5

Revised: 01-10-02



LEGEND

-  Lower Brushy Canyon Commercial Wells
-  Initial PA (effective 9-9-97)
-  First Revision (effective 11-1-99)
-  Proposed Second Revision (effective 7-01-01)

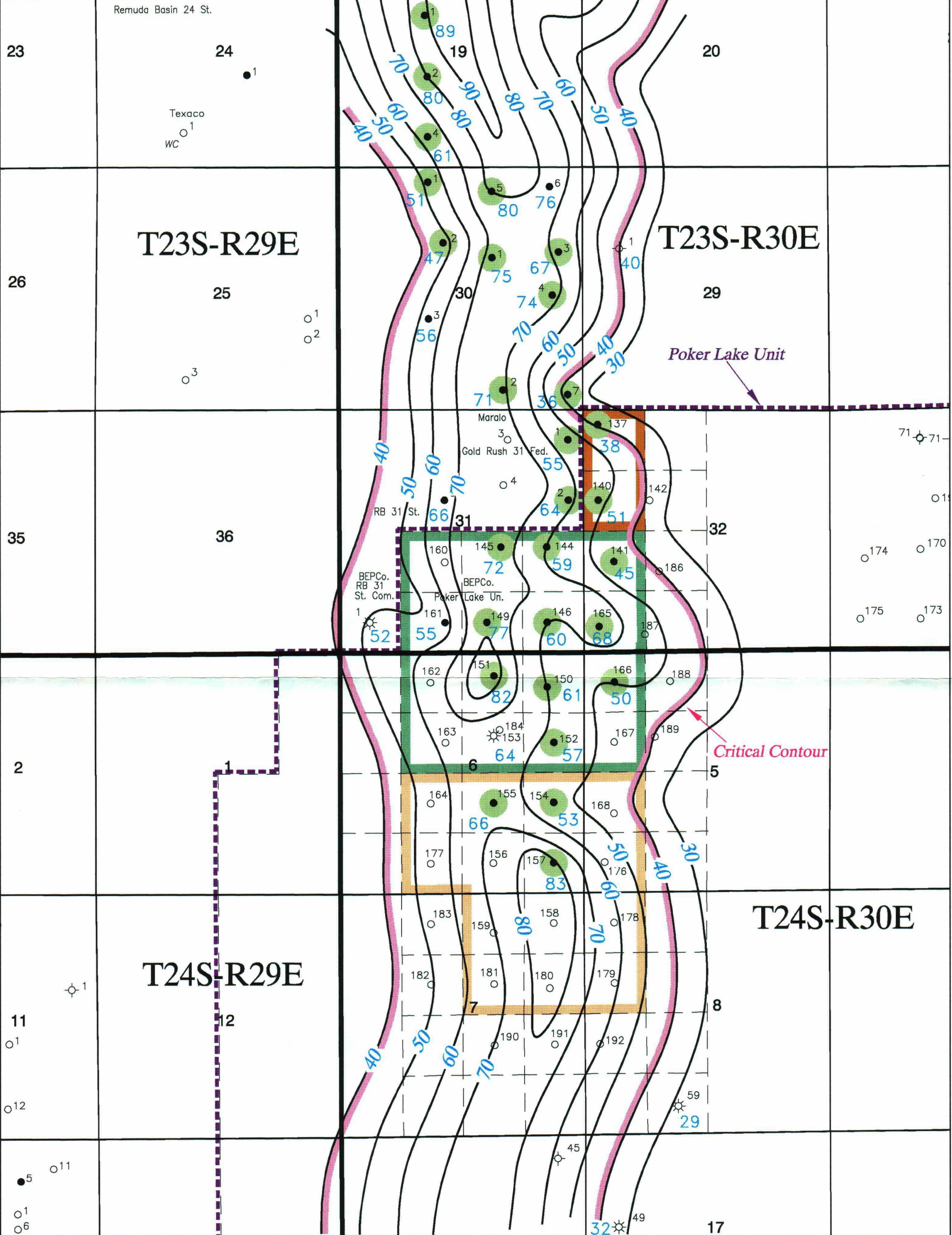


Bass Enterprises Production Co.





POKER LAKE UNIT
Eddy County, New Mexico

Structure Map
Top of Lower Brushy Canyon "8A"
C.I. = 20'

DATE: 1-10-02	INTER. BY:	SCALE: 1" = 2000'
DEPT: Geology	DRAFTED BY: PO	DWG: dlwr c stru-lbc8a rev1-02.dwg



LEGEND

-  Lower Brushy Canyon Commercial Wells
-  Initial PA (effective 9-9-97)
-  First Revision (effective 11-1-99)
-  Proposed Second Revision (effective 7-01-01)



Bass Enterprises Production Co.

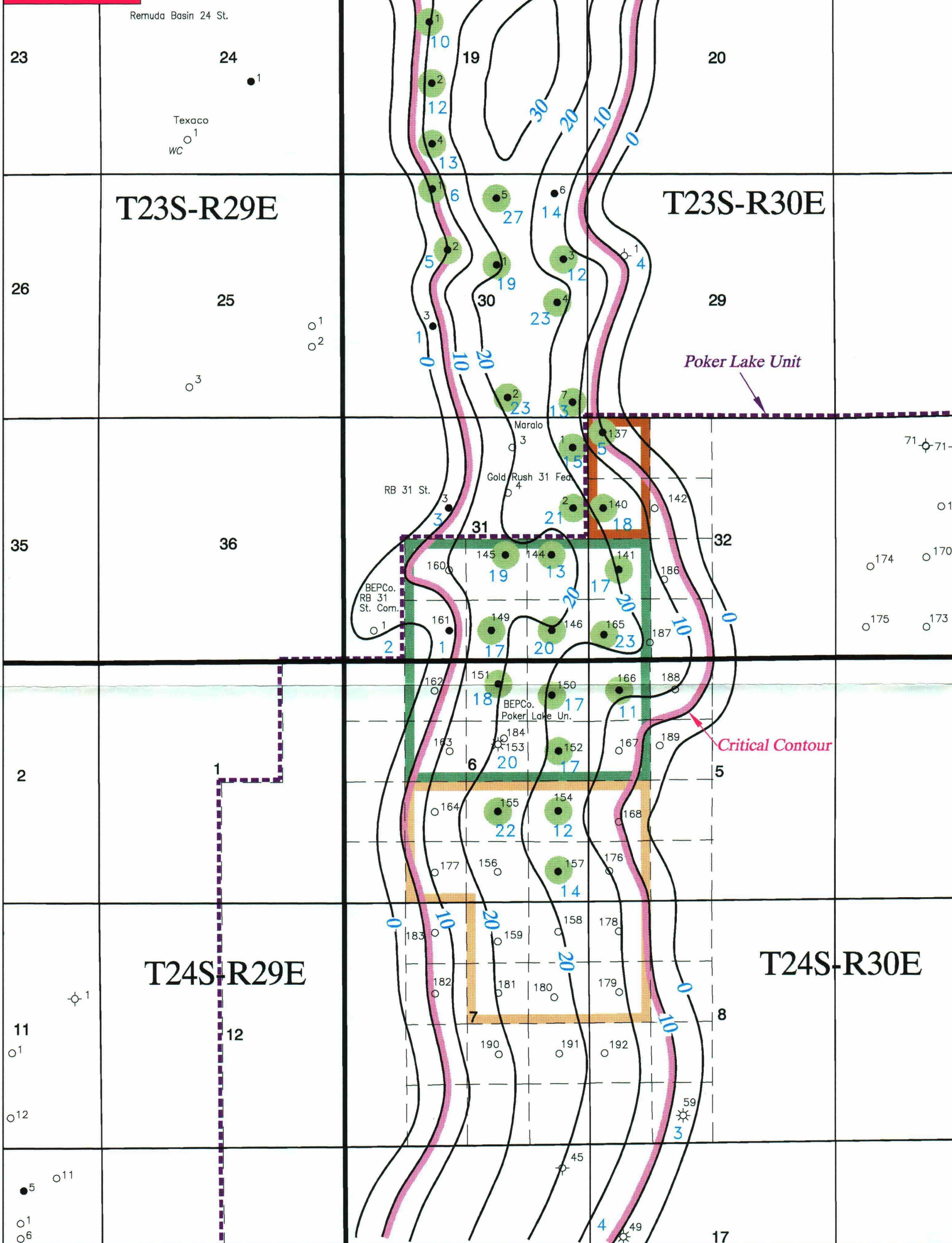
POKER LAKE UNIT
Eddy County, New Mexico

Isopach Map
Lower Brushy Canyon "8A" to Bone Spring
Net Sand ($\phi > 10\%$)
C.I. = 10'





DATE: 1-10-02	INTER. BY:	SCALE: 1" = 2000'
DEPT: Geology	DRAFTED BY: PO	DWG: dlwr c iso lbc8abs rev1-02.dwg

Geological Attachment #7

Revised: 01-10-02



LEGEND

-  Lower Brushy Canyon Commercial Wells
-  Initial PA (effective 9-9-97)
-  First Revision (effective 11-1-99)
-  Proposed Second Revision (effective 7-01-01)



Bass Enterprises Production Co.

POKER LAKE UNIT
 Eddy County, New Mexico
Isopach Map
 Lower Brushy Canyon "Y" Net Sand
 ($\phi > 12\%$)
 C.I. = 10'

DATE: 1-10-02	INTER. BY:	SCALE: 1" = 2000'
DEPT: Geology	DRAFTED BY: PO	DWG: dlwr c iso lbcY rev1-02.dwg

366

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

BLM CONSERVATION DIV.

01 AUG 23 PM 3:01

August 22, 2001

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

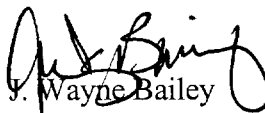
New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 153
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determination for the referenced well indicating that the well is a commercial producer from the Morrow Formation. The subject well is not located in the vicinity of an existing Morrow participating area; therefore Bass will, in the near future submit a participating area for review by the BLM which will include the above well. Should you be in agreement that the above well is a commercial producer, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience. Should you have any questions or comments in regard to the attached determinations, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this _____ day of _____, 2001.

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

INTER-OFFICE MEMORANDUM
MIDLAND OFFICE

August 9, 2001

TO: FORT WORTH, FILES
FOR: FRANK McCREIGHT
FROM: JOHN R. SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT NO. 153
DOG TOWN DRAW (MORROW)
POKER LAKE UNIT
EDDY COUNTY, NEW MEXICO
FILE: 400-WF


LAND RECEIVED					
AUG 17 2001					
WRS	___	JWB	✓	TCS	___
DDC	___	HB	___	WWC	___
HCM	___	LJL	___	TL	___
				SHS	___

Attached are the worksheets and necessary attachments for the subject well to be submitted for commercial determination. The Poker Lake Unit #153 was drilled in 2001 to a TD of 14,515' and was completed in the Morrow. The well is producing from perforations 14053' - 14216'. On test 04/21/2001, the well produced 0 BOPD + 2854 mcfpd + 7 BWPD (IP). The well is projected to recover approximately 4 BCF from the zones currently producing.

The gas price used in the economic evaluation was taken from the NYMEX strip with a negative offset of \$0.25 applied to account for gathering, treating and compression. An operating cost of \$1500 per month was assumed. The Poker Lake Unit No. 153 will be a commercial well and should receive a participating area.

If additional information is required, please advise.

JRS
KA
JRS/KA/ELE
cc: Wayne Bailey



John R. Smitherman

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #153 _____ FORMATION _____ MORROW _____
 LOCATION _____ G _____ UNIT, _____ 1830 FEET FROM _____ NORTH LINE & _____ 1980 FEET FROM _____ EAST LINE
 SECTION _____ 6 _____ TOWNSHIP _____ 24S _____ RANGE _____ 30E _____ COUNTY _____ EDDY _____, NEW MEXICO
 SPUD DATE _____ 12/07/2000 _____ COMPLETION DATE _____ 04/12/2001 _____ INITIAL PRODUCTION _____ 04/16/2000
 PERFORATIONS _____ 14053-14067', 14181-14216', 14388-14408' (below CIBP) _____

STIMULATION:

ACID _____ 14053-14067': Acidize well with 500 gals 10% HCL with methanol. _____
 _____ 14181-14216': Acidize well with 1000 gals 10% HCL/30% Methanol mixture. _____

FRACTURE _____

POTENTIAL _____ (06/14/2001): 0 BO + 7 BW + 2854 MCF. _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	320	320
Porosity (por), %	8.5%	10.2%
Water saturation (Sw), %	22%	42%
Net Thickness (h), ft.	43	40
Temperature (T), Fahrenheit	200	200
Bottom Hole pressure (P), psia	6,080	6,080
Recovery factor (RF), %	70%	70%
Recoverable gas, MMCF *(See eq. below)	8,274	6,879

* Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (Bgl) (RF) / 1000$

Bgl = 1.67 MCF/RB

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>06/30/2001</u>	<u>146,499</u>	MCF Gas	<u>0</u>	BBL Oil
INITIAL RATE (qi)	<u>68,234</u>				
ECONOMIC LIMIT (qi)	<u>3,040</u>				
DECLINE RATE, dy	<u>Harmonic (d = 40%)</u>				
REMAINING GAS (Q) =	<u>3,693,001</u>				
ULTIMATE RECOVERABLE GAS	<u>3,839,500</u>				

(Attach plot showing proration unit and participating area.)

ECONOMICWELL COST \$ \$2,899,760.00 (to the depth of formation completed)

RECOMPLETION COST \$ _____

TOTAL COST \$2,899,760.00

YEAR	GROSS GAS MMCF	BFIT NET REVENUE (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0.0</u>	<u>0</u>	<u>0.0</u>	<u>-2,900</u>
1	<u>499.8</u>	<u>1476.9</u>	<u>132.0</u>	<u>1299.0</u>
2	<u>498.0</u>	<u>1477.0</u>	<u>136.5</u>	<u>1194.4</u>
3	<u>353.7</u>	<u>1059.7</u>	<u>103.0</u>	<u>774.4</u>
4	<u>274.7</u>	<u>809.5</u>	<u>92.9</u>	<u>534.6</u>
5	<u>224.7</u>	<u>642.2</u>	<u>69.5</u>	<u>382.7</u>
6	<u>190.2</u>	<u>534.9</u>	<u>60.9</u>	<u>287.9</u>
7	<u>164.9</u>	<u>458.8</u>	<u>54.8</u>	<u>223.0</u>
8	<u>145.6</u>	<u>404.8</u>	<u>50.5</u>	<u>177.8</u>
9	<u>130.4</u>	<u>362.5</u>	<u>47.0</u>	<u>143.8</u>
10	<u>118.0</u>	<u>328.1</u>	<u>44.3</u>	<u>117.7</u>
REMAINDER	<u>1239.4</u>	<u>3445.6</u>	<u>624.4</u>	<u>603.0</u>
TOTAL	3,839	11,000	1,416	2,839

WELL IS COMMERCIAL

(August 1999)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OPERATOR'S COPY

FORM APPROVED

OMB NO. 1004-0137

Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well Oil Well Gas Well Dry

b. Type of Completion: New Well Work Over Other

2. Name of Operator
BASS ENTERPRISES PRODUCTION CO

3. Address P. O. BOX 2760
MIDLAND, TX 79702

3a. Phone No. (include area code)
915.683.2277

4. Location of Well (Report location clearly and in accordance with Federal requirements)*
At Surface 1980FEL 1830FNL
At top prod. interval reported below 1980FEL 1830FNL
At total depth 1980FEL 1830FNL

5. Lease Serial No.
LC-068545

6. If Indian, Allottee or Tribe Name
POKER LAKE UNIT

7. Unit or CA Agreement Name and No.

8. Lease Name and Well No.
POKER LAKE UNIT 153

9. API Well No.
3001531412 Si

10. Field and Pool, or Exploratory
WILDCAT (MORROW)

11. Sec., T., R., M., on Block and Survey
or Area SWNE 6 24S 30E NMP

12. County or Parish
EDDY

13. State
NM

14. Date Spudded
12/07/2000

15. Date T.D. Reached
03/02/2001

16. Date Completed
 D & A Ready to Prod.
04/12/2001

17. Elevations (DF, RKB, RT, GL)*
GL 3259

18. Total Depth: MD 14515 TVD

19. Plug Back T.D.: MD 14280 TVD

20. Depth Bridge Plug Set: MD 14280 TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
PE/DN; PE/AI/MICO-CFL

22. Was well cored? No Yes (Submit analysis)
Was DST run? No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
20.000	16.000 H-40	65.000		625		180		0	
14.750	10.750 K-55	46.000		3578		2050		0	
9.875	7.625 P-110	34.000		11450		1590		8193	
6.500	5.500 P-110	20.000	11127	14513		350		11127	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2.875	14135	14100						

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) MORROW	13532	14450	14181 TO 14216		71	P
B)						
C)						
D)						

27. Acid Fracture Treatment Cement Squeeze Etc.

Depth Interval	Amount and Type of Material
14181 TO 14216	ACIDIZE W/ 2000 GALS 10% HCl

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
03/26/2001	04/21/2001	24	▶	0.0	2854.0	7.0		0.60	FLOWS FROM WELL
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
34/64	SI 1500	0.0	▶		2854	7		PGW	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			▶						
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
	SI		▶						

ACCEPTED FOR RECORD

MAY 14 2001

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas(Sold, used for fuel, vented, etc.)
SOLD

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				T/RUSTLER	176
				T/SALT	637
				B/SALT	3324
				T/LAMAR LIME	3573
				T/RAMSEY SAND	3600
				T/LR BRUSHY CANYON 8A	7052
				T/Y SAND	7220
				T/BONE SPRING LIME	7302
				T/WOLFCAMP	10582
				T/ATOKA	12937
				T/MORROW	13532
				T/ME MORROW	13927
				T/LR MORROW	14332

32. Additional remarks (include plugging procedure):
NO REMARK PROVIDED

33. Circle enclosed attachments:

- | | | | |
|---|--------------------|---------------|-----------------------|
| 1. Electrical/Mechanical Logs (1 full set req'd.) | 2. Geologic Report | 3. DST Report | 4. Directional Survey |
| 5. Sundry Notice for plugging and cement verification | 6. Core Analysis | 7 Other: | |

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Electronic Submission #3819 Verified by the BLM Well Information System for BASS ENTERPRISES PRODUCTION CO.
Sent to the Carlsbad Field Office.

Name (please print) TAMI WILBER Title AUTHORIZED REPRESENTATIVE

Signature *Tami Wilber* Date 04/25/2001

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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.

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

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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 30-015-31412	Pool Code	Pool Name Wildcat (Morrow)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 153
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3260'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	6	24 S	30 E		1830	NORTH	1980	EAST	EDDY

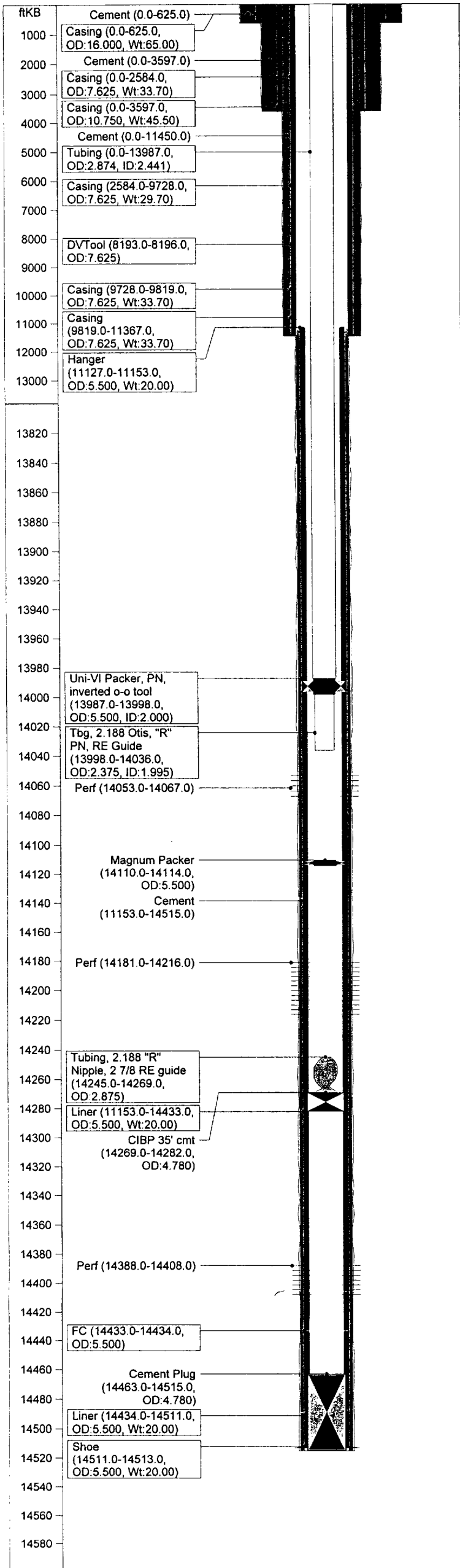
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320	N		

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

LOT 1 - 40.72 AC.		<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>4/25/01 Date</p>
LOT 2 - 40.58 AC.		<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>June 19, 2000 Date Surveyed</p> <p><u>GARY L. JONES</u> Signature & Seal of Professional Surveyor</p> <p>7977 Professional Surveyor No.</p> <p>7977 Certificate No.</p> <p>BASS SURVEYS</p>
LOT 3 - 40.42 AC.		<p>LAT - N32°14'56" LONG - W103°55'08"</p>
LOT 4 - 40.28 AC.		

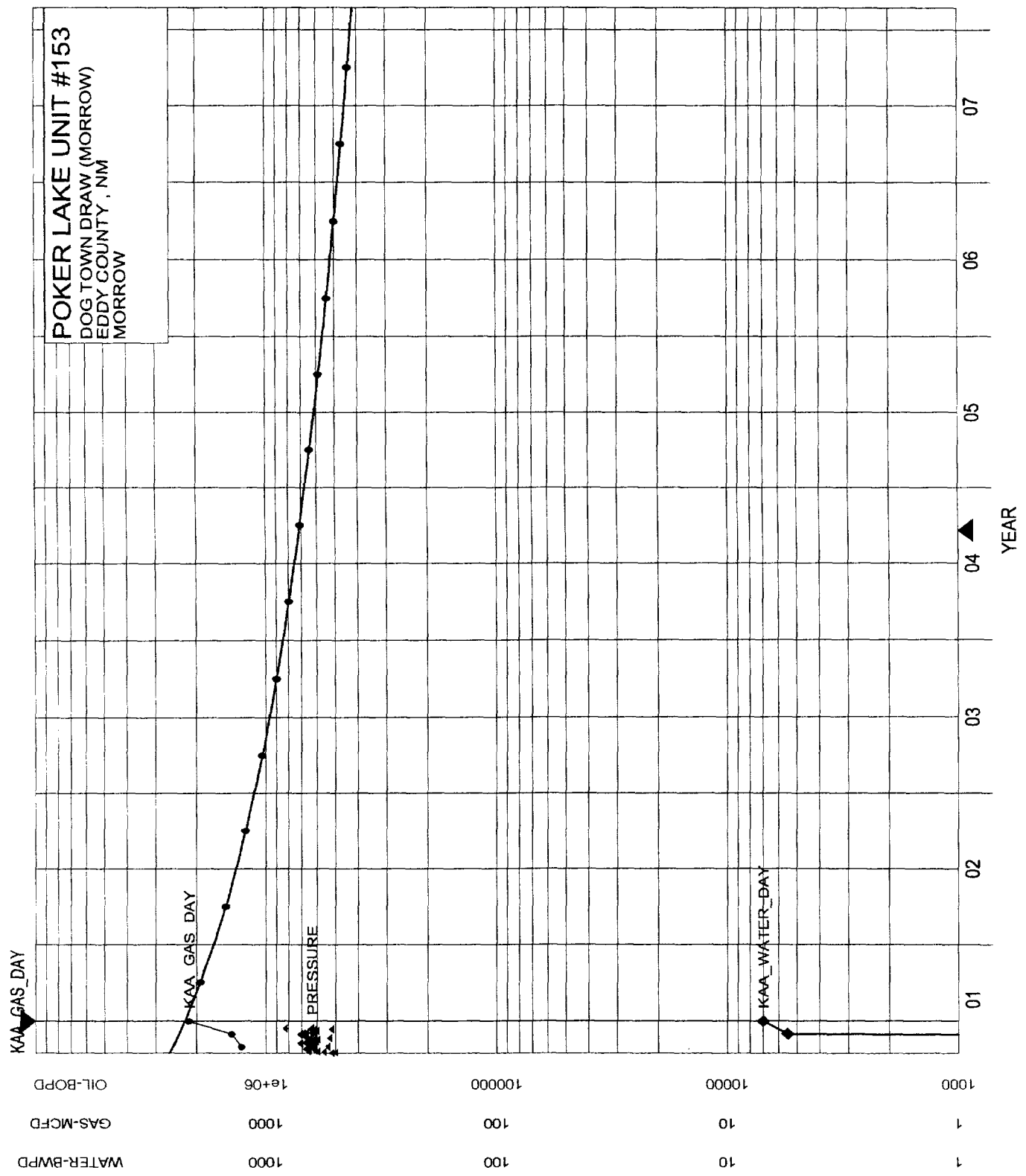


POKER LAKE UNIT #153									
API No.	3001531412	Comments							
TD	14515.0 ftKB	Status	ACT GAS						
PBTD	14269.0 ftKB	Engineer	KAA						
Operator	BEPCO	Permit							
Well No.	153	Spud	12/06/2000						
ID Code		RR							
Field	DOG TOWN DRAW (MORROW)	Completion	04/12/2001						
Author	ELE	Last Act.							
Date Updated	7/26/2001	Abandoned							
Location									
Township	T24S	Top Latitude	0						
		Top Longitude	0						
Range	R30E	Top NS Distance	1830.0 ft N						
		Top EW Distance	1980.0 ft E						
Section	6	Bottom Latitude	0						
Unit Ltr.		Bottom Longitude	0						
State	NM	Btm NS Distance	0.0 ft						
County	EDDY	Btm EW Distance	0.0 ft						
Elevations									
KB	3286.0 ft	Cas Flng	0.0 ft						
Grd	3259.0 ft	Tub Head	0.0 ft						
KB-Grd	27.0 ft								
Bore Hole Data									
Date	Depth (ftKB)	Size (in)							
12/08/2000	625.0	20.000							
12/20/2000	3600.0	14.750							
01/11/2001	11450.0	9.625							
03/02/2001	14515.0	6.500							
Casing String - Surface Casing									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	12/08/2000	0.0	625.0	13	16.000	15.250	65.00	H-40	BTC
Casing String - Inter Casing									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	12/20/2000	0.0	3597.0	85	10.750	9.950	45.50	K-55	BTC
Casing String - Prod Casing									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Casing	01/13/2001	0.0	2584.0	58	7.625	6.760	33.70	P-110	LT&C
Casing	01/13/2001	2584.0	9728.0	165	7.625	6.870	29.70	P-110	LT&C
DVTool	01/13/2001	8193.0	8196.0		7.625	6.870	0.00		
Casing	01/13/2001	9728.0	9819.0	2	7.625	6.760	33.70	P-110	LT&C
Casing	01/13/2001	9819.0	11367.0	33	7.625	6.760	33.70	HC-P-1	LT&C
FC	01/13/2001	11367.0	11368.0		7.625	6.760	0.00		
Casing	01/13/2001	11368.0	11451.0	2	7.625	6.760	33.70	P-110	LT&C
FS	01/13/2001	11451.0	11452.0		7.625	6.760	0.00		LT&C
Casing String - Liner									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Hanger	03/02/2001	11127.0	11153.0		5.500	4.780	20.00	TypeV	
Liner	03/02/2001	11153.0	14433.0	75	5.500	4.780	20.00	P-110	HyDril
FC	03/02/2001	14433.0	14434.0		5.500	4.780	0.00		
Liner	03/02/2001	14434.0	14511.0	2	5.500	4.780	20.00	P-110	Hydril
Shoe	03/02/2001	14511.0	14513.0		5.500	4.780	20.00	TypeV	
Casing Cement									
Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments				
Surface Casing	12/08/2000	0.0	625.0	620	Cmt Circ.				
Inter Casing	12/20/2000	0.0	3597.0	2050	Cmt Circ.				
Prod Casing	01/13/2001	0.0	11450.0	1650	1st stage cmt 650 sx. Cmt 2nd stage w/940 sx. Cap w/60 sx.				
Liner	03/02/2001	11153.0	14515.0	350	TOC est @ TOL; Cmt w/300 sx @ 16 ppg w/602 cuft per bbl N2 + 50 sx @ 16 ppg. Lost 10 bbls @ 30-40 bbls into displacement. Set pkr & reverse out, no cmt, but did see N2.				
Tubing String - Production Tubing									
Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tubing	05/08/2001	0.0	13987.0	441	2.874	2.441	6.50	L-80	8RD
Uni-VI Packer, PN, inverted o-o tool	05/08/2001	13987.0	13998.0		5.500	2.000	0.00		
Tbg, 2.188 Otis, "R" PN, RE Guide	05/08/2001	13998.0	14036.0		2.375	1.995	0.00		
Perforations									
Date	Int	Holes	Status						
03/16/2001	14388.0 - 14408.0	40.0	Below CIBP						
03/22/2001	14181.0 - 14216.0	71.0	Open						
05/04/2001	14053.0 - 14067.0	46.0	Open						
Other (plugs, equip., etc.) - PB									
Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID				
03/02/2001	CIBP 35' cmt	14269.0	14282.0	4.780	0.000				
03/02/2001	Cement Plug	14463.0	14515.0	4.780	0.000				
Other (plugs, equip., etc.) - Morrow "C" Packer									
Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID				
03/23/2001	Magnum Packer	14110.0	14114.0	5.500	3.000				
Fish - Fish									
Date	Item	Int (ftKB)	OD (in)	Comment					
05/29/2001	Tubing, 2.188 "R" Nipple, 2 7/8 RE guide	14245.0 - 14269.0	2.875						

KAA_OIL_DAY
 Ref= 7/2001
 Cum= 0.0
 KAA_GAS_DAY
 Qual= CD
 Ref= 7/2001
 Cum= 146499
 Rem= 3693339
 EUR= 3839839
 Yrs= 28.836
 Qref= 2243.5
 De= 40.000000
 b= 1.010000
 Gab= 99.5
 KAA_WATER_DAY
 Ref= 7/2001
 Cum= 380.1
 KAA_OGR
 Ref= 7/2001
 Cum= 0.0
 PRESSURE
 Ref= 7/2001
 Cum= 31903.1

TP 1000 100 10 1
 BO/MM 1000 100 10 1

POKER LAKE UNIT #153
 DOG TOWN DRAW (MORROW)
 EDDY COUNTY, NM
 MORROW



Date: 08/06/2001
 Time: 16:57:36
 DBS: INDWELLS
 Settings: SETDATA
 Scenario: cd

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I N P U T D A T A				I N I T I A L C A L C U L A T E D D A T A				
ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 GAS	04/2001.38339 43665 64495 #			292.998	6/2001			
401 START	07/2001							
402 GAS	68234.40 X M/M	04/2019 AD	B/1.010	3295.376	3/2019	48.7	68234.	5390.
403 "	5367.00 X M/M	544.46 IMU	EXP	3839.838	4/2030	5.0	5367.	3040.
404 START	04/2001							
405 PRI/OIL	29.4300 29.4300 \$/B	02/2001 AD	FLAT	0.00	3/2001		29.430	29.430
511 "	29.76 29.76 \$/B	03/2001 AD	FLAT	0.00	3/2001		29.760	29.760
512 "	27.29 27.29 \$/B	04/2001 AD	FLAT	0.00	3/2001		27.290	27.290
513 "	27.62 27.62 \$/B	05/2001 AD	FLAT	0.00	4/2001		27.620	27.620
514 "	28.70 28.70 \$/B	06/2001 AD	FLAT	0.00	5/2001		28.700	28.700
515 "	27.62 27.62 \$/B	07/2001 AD	FLAT	0.00	6/2001		27.620	27.620
516 "	27.70 27.70 \$/B	08/2001 AD	FLAT	0.00	7/2001		27.700	27.700
517 "	26.60 26.60 \$/B	09/2001 AD	FLAT	0.00	8/2001		26.600	26.600
518 "	26.15 26.15 \$/B	10/2001 AD	FLAT	0.00	9/2001		26.150	26.150
519 "	26.00 26.00 \$/B	01/2002 AD	FLAT	0.00	12/2001		26.000	26.000
520 "	25.80 25.80 \$/B	02/2002 AD	FLAT	0.00	1/2002		25.800	25.800
521 "	25.70 25.70 \$/B	03/2002 AD	FLAT	0.00	2/2002		25.700	25.700
522 "	25.50 25.50 \$/B	04/2002 AD	FLAT	0.00	3/2002		25.500	25.500
523 "	25.35 25.35 \$/B	05/2002 AD	FLAT	0.00	4/2002		25.350	25.350
524 "	25.15 25.15 \$/B	06/2002 AD	FLAT	0.00	5/2002		25.150	25.150
525 "	25.00 25.00 \$/B	07/2002 AD	FLAT	0.00	6/2002		25.000	25.000
526 "	24.80 24.80 \$/B	08/2002 AD	FLAT	0.00	7/2002		24.800	24.800
527 "	24.60 24.60 \$/B	09/2002 AD	FLAT	0.00	8/2002		24.600	24.600
528 "	24.45 24.45 \$/B	10/2002 AD	FLAT	0.00	9/2002		24.450	24.450
529 "	24.30 24.30 \$/B	11/2002 AD	FLAT	0.00	10/2002		24.300	24.300
530 "	24.10 24.10 \$/B	12/2002 AD	FLAT	0.00	11/2002		24.100	24.100
531 "	23.90 23.90 \$/B	01/2003 AD	FLAT	0.00	12/2002		23.900	23.900
532 "	23.75 23.75 \$/B	02/2003 AD	FLAT	0.00	1/2003		23.750	23.750
533 "	23.60 23.60 \$/B	03/2003 AD	FLAT	0.00	2/2003		23.600	23.600
534 "	23.50 23.50 \$/B	04/2003 AD	FLAT	0.00	3/2003		23.500	23.500
535 "	23.40 23.40 \$/B	05/2003 AD	FLAT	0.00	4/2003		23.400	23.400
536 "	23.30 23.30 \$/B	06/2003 AD	FLAT	0.00	5/2003		23.300	23.300
537 "	23.20 23.20 \$/B	07/2003 AD	FLAT	0.00	6/2003		23.200	23.200
538 "	23.10 23.10 \$/B	08/2003 AD	FLAT	0.00	7/2003		23.100	23.100
539 "	23.00 23.00 \$/B	09/2003 AD	FLAT	0.00	8/2003		23.000	23.000
540 "	22.90 22.90 \$/B	10/2003 AD	FLAT	0.00	9/2003		22.900	22.900
541 "	22.80 22.80 \$/B	11/2003 AD	FLAT	0.00	10/2003		22.800	22.800
542 "	22.70 22.70 \$/B	12/2003 AD	FLAT	0.00	11/2003		22.700	22.700
543 "	22.60 22.60 \$/B	02/2004 AD	FLAT	0.00	1/2004		22.600	22.600
544 "	22.45 22.45 \$/B	04/2004 AD	FLAT	0.00	3/2004		22.450	22.450
545 "	22.30 22.30 \$/B	07/2004 AD	FLAT	0.00	6/2004		22.300	22.300
546 "	22.15 22.15 \$/B	11/2004 AD	FLAT	0.00	10/2004		22.150	22.150
547 "	22.00 22.00 \$/B	02/2005 AD	FLAT	0.00	1/2005		22.000	22.000
548 "	21.90 21.90 \$/B	05/2005 AD	FLAT	0.00	4/2005		21.900	21.900
549 "	21.80 21.80 \$/B	08/2005 AD	FLAT	0.00	7/2005		21.800	21.800
550 "	21.70 21.70 \$/B	11/2005 AD	FLAT	0.00	10/2005		21.700	21.700
551 "	21.60 21.60 \$/B	04/2006 AD	FLAT	0.00	3/2006		21.600	21.600
552 "	21.50 21.50 \$/B	08/2006 AD	FLAT	0.00	7/2006		21.500	21.500
553 "	21.40 21.40 \$/B	11/2006 AD	FLAT	0.00	10/2006		21.400	21.400

	21.30	21.25	21.30 \$/B	21.25 \$/B	03/2007 AD	03/2007 AD	0.00	2/2007	21.300	21.300	
	21.25	21.25			TO	TO	0.00	4/2030	21.250	21.250	
	9.9100	6.22	9.9100 \$/M	6.22 \$/M	02/2001 AD	03/2001 AD	0.00	3/2001	9.910	6.220	
	5.035	5.035	5.035 \$/M	5.035 \$/M	04/2001 AD	05/2001 AD	0.00	3/2001	5.030	5.030	
	4.87	4.87	4.87 \$/M	4.87 \$/M	06/2001 AD	07/2001 AD	0.00	3/2001	5.350	4.870	
	3.78	3.78	3.78 \$/M	3.78 \$/M	08/2001 AD	09/2001 AD	0.00		3.780	3.160	
	3.25	3.25	3.25 \$/M	3.25 \$/M	10/2001 AD	11/2001 AD	0.00		3.250	3.330	
	3.40	3.40	3.40 \$/M	3.40 \$/M	12/2001 AD	01/2002 AD	0.00		3.400	3.650	
	3.90	3.90	3.90 \$/M	3.90 \$/M	02/2002 AD	03/2002 AD	0.00		3.900	24015.000	
	4.00	4.00	4.00 \$/M	4.00 \$/M	04/2002 AD	05/2002 AD	0.00		4.000	24015.000	
	3.80	3.80	3.80 \$/M	3.80 \$/M	07/2002 AD	08/2002 AD	0.00		3.800	24015.000	
	3.65	3.65	3.65 \$/M	3.65 \$/M	09/2002 AD	11/2002 AD	0.00		3.650	3.700	
	3.70	3.70	3.70 \$/M	3.70 \$/M	12/2002 AD	01/2003 AD	0.00		3.700	3.900	
	4.00	4.00	4.00 \$/M	4.00 \$/M	02/2003 AD	03/2003 AD	0.00		4.000	4.150	
	4.15	4.15	4.15 \$/M	4.15 \$/M	04/2003 AD	07/2003 AD	0.00		4.000	4.000	
	3.85	3.85	3.85 \$/M	3.85 \$/M	08/2003 AD	11/2003 AD	0.00		3.850	3.600	
	3.60	3.60	3.60 \$/M	3.60 \$/M	12/2003 AD	03/2004 AD	0.00		3.600	3.700	
	4.00	4.00	4.00 \$/M	4.00 \$/M	04/2004 AD	06/2004 AD	0.00		4.000	3.900	
	3.85	3.85	3.85 \$/M	3.85 \$/M	07/2004 AD	08/2004 AD	0.00		3.850	3.660	
	3.66	3.66	3.66 \$/M	3.66 \$/M	11/2004 AD	02/2005 AD	0.00		3.660	3.690	
	3.67	3.67	3.67 \$/M	3.67 \$/M	05/2005 AD	08/2005 AD	0.00		3.670	3.650	
	3.65	3.65	3.65 \$/M	3.65 \$/M	11/2005 AD	04/2006 AD	0.00		3.650	3.630	
	3.63	3.63	3.63 \$/M	3.63 \$/M	08/2006 AD	11/2006 AD	0.00		3.620	3.620	
	3.60	3.60	3.60 \$/M	3.60 \$/M	03/2007 AD	TO	0.00		3.600	3.580	
	3.58	3.57	3.57 \$/M	3.57 \$/M	TO	LIFE	0.00		3.570	3.570	
	3.55	3.54	3.55 \$/M	3.54 \$/M	TO	LIFE	0.00		3.550	3.540	
	3.54				TO	LIFE	0.00				
	PC				PC		0.00				
	1500.00	1500.00	X \$/M	X \$/M	TO	LIFE	0.00	4/2030	1500.000	1500.000	
	0.00	0.00	X \$/M	X \$/M	TO	LIFE	0.00	4/2030	1500.000	1500.000	
	7.08	7.93	X %	X %	TO	LIFE	0.00	4/2030	0.071	0.071	
	0.10	0.00	0.10 %	X %	TO	LIFE	0.00	3/2001	0.001	0.001	
	100.0000	100.0000	D %	D %	TO	LIFE	0.00	4/2030	1.000	1.000	
	84.5000	84.5000	D %	D %	TO	LIFE	0.00	4/2030	0.845	0.845	
	0.0000	0.0000	D %	D %	TO	LIFE	0.00	4/2030	0.845	0.845	
	INVESTMENT	Tangibles & Intangibles			Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R

800 DRILL 433.40 2466.36 M\$G 04/2001 AD 04/2001 AD PC 0.00 2899.760 4/2001 0 2899.7 2899.7

MISC. PARAMETERS	Item	Item
201 CUMO, MB	0.00	CUMG, MMF 146.50
250 LOSS	NO	CUML, MB

PROJECT RUN SETTINGS

Base Date : 04/2001 Time Frames : 9,48*12,615
 P.W. Date : 04/2001 Primary PW% : 10.0 Discount Freq. : MO
 Report Date : 04/2001
 Qualifiers : Prod = CD Price = CD Cost = CD Owner = CD
 Title = DEFAULT Misc = CD Invest = CD Overlay = CD

&l1o4.45C &k2S (s16602T
 Poker Lake Unit #153
 Bess Enterprises Production Comp
 Commercial Determination

DATE : 08/06/2001
 TIME : 16:57:36
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 04/2001

29.1 YR

PERIOD ENDING 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 12/2010 S TOT AFTER TOTAL

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500 84.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 2899.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2899.8 0.0 2899.8 0.0
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2899.8 2899.8 0.0

GAS PHASE

12) GROSS GAS, MMF 499.8 498.0 353.7 274.7 224.7 190.2 164.9 145.6 130.4 118.0 2600.1 1239.4 3839.5
 13) NET GAS, MMF 422.3 420.8 298.9 232.1 189.9 160.7 139.4 123.1 110.2 99.7 2197.1 1047.3 3244.4
 14) GAS REVENUE, M\$ 1476.9 1477.0 1059.7 809.5 642.2 534.9 458.8 404.8 362.5 328.1 7554.5 3445.6 11000.2
 15) GAS PRICE, \$/MCF 3.497 3.510 3.545 3.487 3.382 3.328 3.292 3.290 3.290 3.290 3.438 3.290 3.391

ECONOMICS, M\$

19) GROSS REV. TO INTR. 1476.9 1477.0 1059.7 809.5 642.2 534.9 458.8 404.8 362.5 328.1 7554.5 3445.6 11000.2
 20) - SEV. TAX 117.1 117.1 84.0 64.2 50.9 42.4 36.4 32.1 28.7 26.0 599.1 273.2 872.3
 21) - AD VALOREM TAX 1.4 1.4 1.0 0.7 0.6 0.5 0.4 0.4 0.3 0.3 7.0 3.2 10.1
 22) - OPERATING COSTS 13.5 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 18.0 175.5 348.0 523.5
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 1345.0 1340.5 956.7 726.6 572.7 474.0 404.0 354.4 315.4 283.8 6773.0 2821.2 9594.2
 29) - INVESTMENTS & RSK 2899.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2899.8 0.0 2899.8
 30) = BFIT NET -1554.8 1340.5 956.7 726.6 572.7 474.0 404.0 354.4 315.4 283.8 3873.2 2821.2 6694.5

PRESENT WORTH @ 10.00 %

31) NET INCOME 1299.0 1194.4 774.4 534.6 382.7 287.9 223.0 177.8 143.8 117.7 5135.3 603.0 5738.3
 32) INVESTMENTS & RISK 2899.8 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2899.8 0.0 2899.8
 33) BFIT NET -1600.7 1194.4 774.4 534.6 382.7 287.9 223.0 177.8 143.8 117.7 2235.6 603.0 2838.6
 34) CUM BFIT NET -1600.7 -406.3 368.1 902.7 1285.4 1573.3 1796.3 1974.1 2117.9 2235.6 2838.6 2838.6

A F T E R T A X E C O N O M I C S

AS OF DATE: 04/2001

29.1 YR

PERIOD ENDING	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	12/2010	S TOT	AFTER	TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	2466.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2466.4	0.0	2466.4
3) DEPRECIABLE	433.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	433.4	0.0	433.4
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	1476.9	1477.0	1059.7	809.5	642.2	534.9	458.8	404.8	362.5	328.1	7554.5	3445.6	11000.2
5) - SEVERANCE TAX	117.1	117.1	84.0	64.2	50.9	42.4	36.4	32.1	28.7	26.0	599.1	273.2	872.3
6) - OPR. COSTS & ATX	14.9	19.4	19.0	18.7	18.6	18.5	18.4	18.4	18.3	18.3	182.5	351.2	533.6
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	130.0	91.0	63.7	44.6	31.2	21.9	15.3	10.7	7.5	5.2	421.2	12.2	433.4
12) = NET	1214.9	1249.5	893.0	682.0	541.5	452.2	388.7	343.7	307.9	278.6	6351.9	2809.0	9160.8
13) - DEPLETION TAKEN	321.0	319.9	227.2	176.5	144.4	122.2	106.0	93.5	83.8	75.8	1670.2	796.2	2466.4
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	893.9	929.6	665.7	505.5	397.1	330.0	282.7	250.1	224.1	202.8	4681.6	2012.8	6694.5
16) * TAX RATE, %	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	411.2	427.6	306.2	232.5	182.7	151.8	130.1	115.1	103.1	93.3	2153.6	925.9	3079.5
19) REVENUE-SEV	1359.8	1359.9	975.6	745.3	591.3	492.5	422.4	372.7	333.7	302.1	6955.5	3172.4	10127.9
20) - OPR. COSTS & ATX	14.9	19.4	19.0	18.7	18.6	18.5	18.4	18.4	18.3	18.3	182.5	351.2	533.6
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	411.2	427.6	306.2	232.5	182.7	151.8	130.1	115.1	103.1	93.3	2153.6	925.9	3079.5
24) = A.F.I.T.	933.8	912.9	650.4	494.0	390.0	322.2	273.9	239.3	212.3	190.6	4619.5	1895.3	6514.8
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	933.8	912.9	650.4	494.0	390.0	322.2	273.9	239.3	212.3	190.6	4619.5	1895.3	6514.8
28) - INVESTMENTS & RSK	2899.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2899.8	0.0	2899.8
29) = A.F.I.T. NET	-1966.0	912.9	650.4	494.0	390.0	322.2	273.9	239.3	212.3	190.6	1719.7	1895.3	3615.0
PRESENT WORTH @ 10.00 %													
30) NET INCOME	901.0	810.4	524.9	362.4	260.1	195.4	151.0	119.9	96.7	78.9	3500.7	403.9	3904.6
31) INVESTMENTS & RISK	2899.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2899.8	0.0	2899.8
32) A.F.I.T. NET	-1998.8	810.4	524.9	362.4	260.1	195.4	151.0	119.9	96.7	78.9	600.9	403.9	1004.8
33) CUM. A.F.I.T. NET	-1998.8	-1188.4	-663.5	-301.1	-41.0	154.4	305.4	425.3	522.0	600.9	600.9	1004.8	1004.8

Poker Lake Unit #153
 Bass Enterprises Production Comp
 Commercial Determination
 DATE : 08/06/2001
 TIME : 16:57:36
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

E C O N O M I C I N D I C A T O R S

AS OF DATE: 04/2001

B.F.I.T.
 WORTH
 M\$-----
 A.F.I.T.
 WORTH
 M\$-----
 A.F.I.T.
 BONUS
 M\$-----

PRESENT WORTH PROFILE AND RATE-OF-RETURN VS. BONUS TABLE

0.	6694.465	3615.011	6694.465
5.	4180.369	1914.594	2864.446
10.	2838.566	1004.814	1366.389
15.	2012.025	442.701	570.581
20.	1447.606	57.671	71.806
25.	1033.436	-225.674	-274.230
30.	713.732	-444.955	-530.912
35.	457.740	-620.941	-730.379
40.	247.066	-766.070	-890.732
50.	-81.421	-992.958	-1134.319
60.	-327.679	-1163.589	-1312.096
70.	-520.413	-1297.504	-1448.522
80.	-676.078	-1405.930	-1557.061
90.	-804.871	-1495.841	-1645.800
100.	-913.487	-1571.827	-1719.920

RATE OF RETURN, PCT.	47.5	21.0
UNDISCOUNTED PAYOUT, YRS.	1.97	3.57
DISCOUNTED PAYOUT, YRS.	2.27	4.96
UNDISCOUNTED NET/INVEST.	3.31	2.25
DISCOUNTED NET/INVEST.	1.98	1.35

NOTES

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

July 9, 2001

NEW MEXICO OIL CONSERVATION DIV.
01 JUL 11 PM 1:35

**EXPRESS MAIL/
Return Receipt Requested**

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201
Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505
Attention: Mr. Roy Johnson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Ms. Jami Bailey

Re: Amended 2001 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the Poker Lake Unit for the year 2001. This amendment is being filed specifically for the addition of the following proposed wells and pending commercial determinations:

FUTURE DEVELOPMENT

Poker Lake Unit No. 154 - This well will be drilled at a legal location being 1,980' FSL & 660' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600' to test the Delaware Formation.

Poker Lake Unit No. 155 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600' to test the Delaware Formation.

Poker Lake Unit No. 156 - This well will be drilled at a legal location being 660' FSL & 1,980' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,670' to test the Delaware Formation.

Poker Lake Unit No. 157 - This well will be drilled at a legal location being 660' FSL & 660' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,680' to test the Delaware Formation.

Poker Lake Unit No. 158 - This well will be drilled at a legal location being 660' FNL & 660' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,680' to test the Delaware Formation.

Poker Lake Unit No. 159 - This well will be drilled at a legal location being 860' FNL & 1,980' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600' to test the Delaware Formation.

Plan of Development – PLU – 2000

July 9, 2001

Page 2

Poker Lake Unit No. 160 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FWL Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,470' to test the Delaware Formation.

Poker Lake Unit No. 161 - This well will be drilled at a legal location being 660' FSL & 1,980' FWL Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,540' to test the Delaware Formation.

Poker Lake Unit No. 162 - This well will be drilled at a legal location being 660' FNL & 1,980' FWL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware Formation.

Poker Lake Unit No. 163 - This well will be drilled at a legal location being 1,980' FNL & 2,310' FWL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,580' to test the Delaware Formation.

Poker Lake Unit No. 164 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FWL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware Formation

Poker Lake Unit No. 166 - This well will be drilled at a legal location being 660' FNL & 660' FWL Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,710' to test the Delaware Formation.

Poker Lake Unit No. 167 - This well will be drilled at a legal location being 1,980' FNL & 660' FWL Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,700' to test the Delaware Formation.

Poker Lake Unit No. 168 - This well will be drilled at a legal location being 1,730' FSL & 660' FWL Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,730' to test the Delaware Formation.

Poker Lake Unit No. 170 - This well will be drilled at a legal location being 2180' FSL & 1980' FWL Section 33, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,938' to test the Delaware Formation.

Poker Lake Unit No. 171 - This well will be drilled at a legal location being 1,980' FSL & 1980' FEL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,940' to test the Delaware Formation.

Poker Lake Unit No. 172 - This well will be drilled at a legal location being 660' FSL & 2,310' FEL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,910' to test the Delaware Formation.

Poker Lake Unit No. 173 - This well will be drilled at a legal location being 660' FSL & 1,980' FWL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,880' to test the Delaware Formation.

Poker Lake Unit No. 174- This well will be drilled at a legal location being 1,980' FSL & 760' FWL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,860' to test the Delaware Formation.

Poker Lake Unit No. 175- This well will be drilled at a legal location being 660' FSL & 660' FWL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,850' to test the Delaware Formation.

Poker Lake Unit No. 176- This well will be drilled at a legal location being 660' FSL & 660' FWL Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,670' to test the Delaware Formation.

Poker Lake Unit No. 177- This well will be drilled at a legal location being 660' FSL & 1,980' FWL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,610' to test the Delaware Formation.

Poker Lake Unit No. 178- This well will be drilled at a legal location being 660' FNL & 660' FWL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,640' to test the Delaware Formation.

Poker Lake Unit No. 179- This well will be drilled at a legal location being 1,980 FNL & 660' FWL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,610' to test the Delaware Formation.

Poker Lake Unit No. 180- This well will be drilled at a legal location being 1,880' FNL & 760' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware Formation.

Poker Lake Unit No. 181- This well will be drilled at a legal location being 1,980' FNL & 1,980' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,500' to test the Delaware Formation.

Poker Lake Unit No. 182- This well will be drilled at a legal location being 1,930' FNL & 1,980' FWL Section 8, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,430' to test the Delaware Formation

Poker Lake Unit No. 183- This well will be drilled at a legal location being 330' FNL & 1,980' FWL Section 8, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,430' to test the Delaware Formation

Poker Lake Unit No. 184- This well will be drilled at a legal location being 1,700' FNL & 1,850' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,430' to test the Delaware Formation

Poker Lake Unit No. 185 - This well will be drilled at a legal location being 660' FSL & 1,650' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 14,315' to test the Morrow Formation.

Poker Lake Unit No. 186 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL, Section 32, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,680' to test the Delaware Formation.

Poker Lake Unit No. 187- This well will be drilled at a legal location being 660' FSL & 1,650' FWL, Section 32, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,650' to test the Delaware Formation.

Poker Lake Unit No. 188 - This well will be drilled at a legal location being 660' FNL & 1,880' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,680' to test the Delaware Formation.

Poker Lake Unit No. 189 - This well will be drilled at a legal location being 1,880' FNL & 1,550' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,650' to test the Delaware Formation.

Poker Lake Unit No. 190 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,500' to test the Delaware Formation.

Poker Lake Unit No. 191 - This well will be drilled at a legal location being 1,980' FSL & 660' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,500' to test the Delaware Formation.

Poker Lake Unit No. 192 - This well will be drilled at a legal location being 1,980' FSL & 330' FWL Section 8, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,580' to test the Delaware Formation.

Poker Lake Unit No. 193 - This well will be drilled at a legal location being 660' FNL & 2,180' FEL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,950' to test the Delaware Formation.

Poker Lake Unit No. 194 - This well will be drilled at a legal location being 1,980' FNL & 2,310' FWL Section 33, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,950' to test the Delaware Formation.

Poker Lake Unit No. 195 - This well will be drilled at a legal location being 1,980' FNL & 1,980' FEL Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,980' to test the Delaware Formation.

PARTICIPATING AREAS AND COMMERCIAL DETERMINATIONS

- 1) Bass has obtained production and recently commenced gas sales from the Morrow Formation in the Poker Lake Unit No. 153 and will be submitting a commercial determination therefor after the treatment of additional pay in the Morrow and stabilization of the producing rate.
- 2) Bass has recently submitted a Commercial Determination for the Poker Lake No. 147 Well which is producing at commercial rates from the Wolfcamp Formation.


- 3) Bass is in the process of completing the Poker Lake No. 148 in the Wolfcamp Formation and will submit a Commercial Determination when the results thereof are known.

EFFECTIVE DATE

This Amended Plan of Development shall become effective on July 1, 2001.

If this Amended Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


S. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 13th day of July, 2001.

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By:  _____

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

June 8, 2001

FEDERAL EXPRESS

Bureau of Land Management
Roswell District Office
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Ms. Alexis Swoboda

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Roy Johnson

Re: Commercial Determination
Poker Lake Unit No. 147
NE/4 Section 5, T25S-R31E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto a commercial determination for the above well which has been completed in the Wolfcamp Formation as a commercial gas producer. Also attached is one (1) copy of Bass' interoffice memorandum reflecting the actual received oil and gas prices through March, 2001 and projected oil and gas prices. In order to evidence your concurrence that the above well should be given commercial status, please sign one (1) copy of this letter in the space provided below and return one (1) copy hereof to the undersigned. It should be noted that the spacing unit for the Poker Lake Unit No. 147 Well is contiguous to the Initial Wolfcamp Participating Area which currently contains the Poker Lake Unit No. 50 Well. Therefore, upon receipt of fully executed commercial determinations, Bass will prepare and submit to the above agencies the First Revision of the Initial Wolfcamp Participating Area for your review. Thank you very much and should you have any questions or comments in the above regard, please advise.

Very truly yours,


J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this _____ day of _____, 2001.

Bureau of Land Management

New Mexico State Land Office

New Mexico Oil Conservation Division

By: _____

By: _____

By: _____

Its: _____

Its: _____

Its: _____

W. Bailey

**INTER-OFFICE MEMORANDUM
MIDLAND OFFICE**

May 8, 2001

FOR: FORT WORTH; FILE
TO: FRANK McCREIGHT
FROM: JOHN SMITHERMAN
RE: COMMERCIAL DETERMINATION
POKER LAKE UNIT #147
EDDY COUNTY, NEW MEXICO
FILE: 400-WF; CD_MEMO_PLU147.DOC


A Commercial Determination (CD) has been prepared along with the required attachments for the Poker Lake Unit #147. Enclosed is a CD form, a wellbore sketch, a production plot and forecast, a dedication plat, a completion report, and an Aries economic run.

A simulation of this reservoir was performed to determine an estimated ultimate recovery of approximately 850 MMCF, which also matches current production decline data. Economics were then calculated using the following assumptions. Actual received oil and gas prices were used through March 2001. Projected oil and gas prices were modeled from the NYMEX West Texas Intermediate futures and Henry Hub Gas futures with appropriate adjustments to reflect realized value at the lease. Expenses were held flat at \$796/month and actual completed cost for the well was used in the economics.

Please advise if you have any questions or require additional information.

WBS *KAA*
kaa

cc: Wayne Bailey
George Hillis



John Smitherman

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #147 _____ FORMATION _____ WOLFCAMP _____

LOCATION _____ B _____ UNIT, _____ 660 FEET FROM _____ NORTH LINE & _____ 1650 FEET FROM _____ EAST LINE

SECTION _____ 5 _____ TOWNSHIP _____ 25S _____ RANGE _____ 31E _____ COUNTY _____ EDDY _____, NEW MEXICO

SPUD DATE _____ 8/21/2000 _____ COMPLETION DATE _____ 11/6/2000 _____ INITIAL PRODUCTION _____ 11/7/2000 _____

PERFORATIONS _____ 12910-12965', 12989-13039' (below pkr & plug) _____

STIMULATION:

ACID _____ 12910-13039': Acidize well with 10,710 gals of 15% HCL slick acid with additives. _____

FRACTURE _____ 12,910-12,965': Frac Wolfcamp down csg using 454,444 gals Viking gel + 115,000# 40/70 sand + 105,000# 20/40 sand _____

POTENTIAL _____ (11/19/00): 23 BOPD, 2640 MCFPD, & 190 BWPD _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	_____
Porosity (por), %	10.3%	_____
Water saturation (Sw), %	30%	_____
Net Thickness (h), ft.	35	_____
Temperature (T), Fahrenheit	190	_____
Bottom Hole pressure (P), psia	8,871	_____
Recovery factor (RF), %	65%	_____
Recoverable gas, MMCF *(See eq. below)	1,043	_____

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (Bgt) (RF)/1000$ Bgt = 2.05 MCF/RB

POKER LAKE UNIT #147

Continued

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>12/30/2000</u>	<u>246,960</u>	MCF Gas	<u>3766</u>	BBL Oil
INITIAL RATE (qi)		<u>30,553</u>			
ECONOMIC LIMIT (ql)		<u>444</u>			
DECLINE RATE, dy		<u>Harmonic (d = 64.4%)</u>			
REMAINING GAS (Q) =		<u>610,440</u>			
ULTIMATE RECOVERABLE GAS		<u>857,400</u>			

(Attach plot showing proration unit and participating area.)

ECONOMIC

WELL COST \$ \$2,455,000.00 (to the depth of formation completed)

RECOMPLETION COST \$ _____

TOTAL COST \$2,455,000.00

YEAR	GROSS GAS MMCF	BFIT NET INCOME (\$M)	OPERATING COST (\$M) INCL SEV & AD VAL TAX	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-2,455</u>
1	<u>104</u>	<u>575</u>	<u>47</u>	<u>523</u>
2	<u>317</u>	<u>1,999</u>	<u>169</u>	<u>1,749</u>
3	<u>115</u>	<u>550</u>	<u>53</u>	<u>426</u>
4	<u>73</u>	<u>322</u>	<u>35</u>	<u>223</u>
5	<u>54</u>	<u>217</u>	<u>27</u>	<u>135</u>
6	<u>42</u>	<u>165</u>	<u>23</u>	<u>91</u>
7	<u>35</u>	<u>133</u>	<u>20</u>	<u>66</u>
8	<u>30</u>	<u>112</u>	<u>19</u>	<u>50</u>
9	<u>26</u>	<u>97</u>	<u>17</u>	<u>39</u>
10	<u>23</u>	<u>86</u>	<u>17</u>	<u>30</u>
REMAINDER	<u>39</u>	<u>144</u>	<u>31</u>	<u>43</u>
TOTAL	858	4,401	458	921

WELL IS COMMERCIAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.
NM-033501

1a. Type of Well Oil Well Gas Well Dry Other
b. Type of Completion: New Well Work Over Deepen Plug Back Diff. Resrv.
Other _____

6. If Indian, Allottee or Tribe Name

2. Name of Operator
Bass Enterprises Production Co

7. Unit or CA Agreement Name and No.
Poker Lake Unit

3. Address P. O. Box 2760 Midland, TX 79702-2760
3a. Phone No. (include area code) (915) 683-2277

8. Lease Name and Well No.
Poker Lake Unit #147

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

9. API Well No.
30-015-31177

At surface 660' FNL & 1650' FEL, Lot 2
At top prod. interval reported below Same
At total depth Same

10. Field and Pool, or Exploratory
Big Sinks (Wolfcamp)

11. Sec., T., R., M., or Block and Survey or Area
Section 5, T25S-R31E

12. County or Parish Eddy
13. State New Mexico

14. Date Spudded 8/21/00
15. Date T.D. Reached 10/3/00
16. Date Completed D & A Ready to Prod. 11/6/00

17. Elevations (DF, RKB, RT, GL)*
3437' GL: 3463' KB

18. Total Depth: MD 13,250'
TVD
19. Plug Back T.D.: MD
TVD
20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
22. Was well cored? No Yes (Submit analysis)
Was DST run No Yes (Submit report)
Directional Survey? No Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8"	54.5	0	823'	- - -	700 sx	- - -	Surface	- - -
12-1/4"	9-5/8"	40#	0	4300'	- - -	1120 sx	- - -	Surface	- - -
8-3/4"	7"	26#	0	12,645'	- - -	1600 sx	- - -	Surface	- - -
6-1/8"	5"	18#	12,110'	13,246'	- - -	130 sx	- - -	12,550'	- - -

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2-7/8"	12,674'	12,674'						

25. Producing Intervals 26. Perforation Record

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Wolfcamp			12,910-13,039'	0.4	41	Producing
B)						
C)						
D)						

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
12,910-13,039'	Acidize w/ 10,710 gals 15% HCl slick acid with additives.
	Frac 2/ 454,444 gals Viking-2500 gel + 220,000# 20/40 Sand

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
11/7/00	11/19/00	24	→	23	2640	190	52.9		Flowing
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	
12/64"	2650		→	23	2640	190	1147	Producing	

28a. Production-Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press Flwg SI	Csg. Press.	24 Hr.	Oil BBL	Gas MCF	Water BBL	Gas Oil Ratio	Well Status	

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

28c. Production-Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. →	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sales, Lease Use

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				T/Rustler	503'
				T/Salt	853'
				B/Salt	4060'
				T/Lamar	4275'
				T/Bone Spring	8183'
				T/Wolfcamp Shale Marker	11.553'
				T/Wolfcamp (pay zone)	12.383'

32. Additional remarks (include plugging procedure):

33. Circle enclosed attachments:

- 1. Electrical/Mechanical Logs (1 full set req'd)
- 2. Geologic Report
- 3. DST Report
- 4. Directional Survey
- 5. Sundry Notice for plugging and cement verification
- 6. Core Analysis
- 7. Other

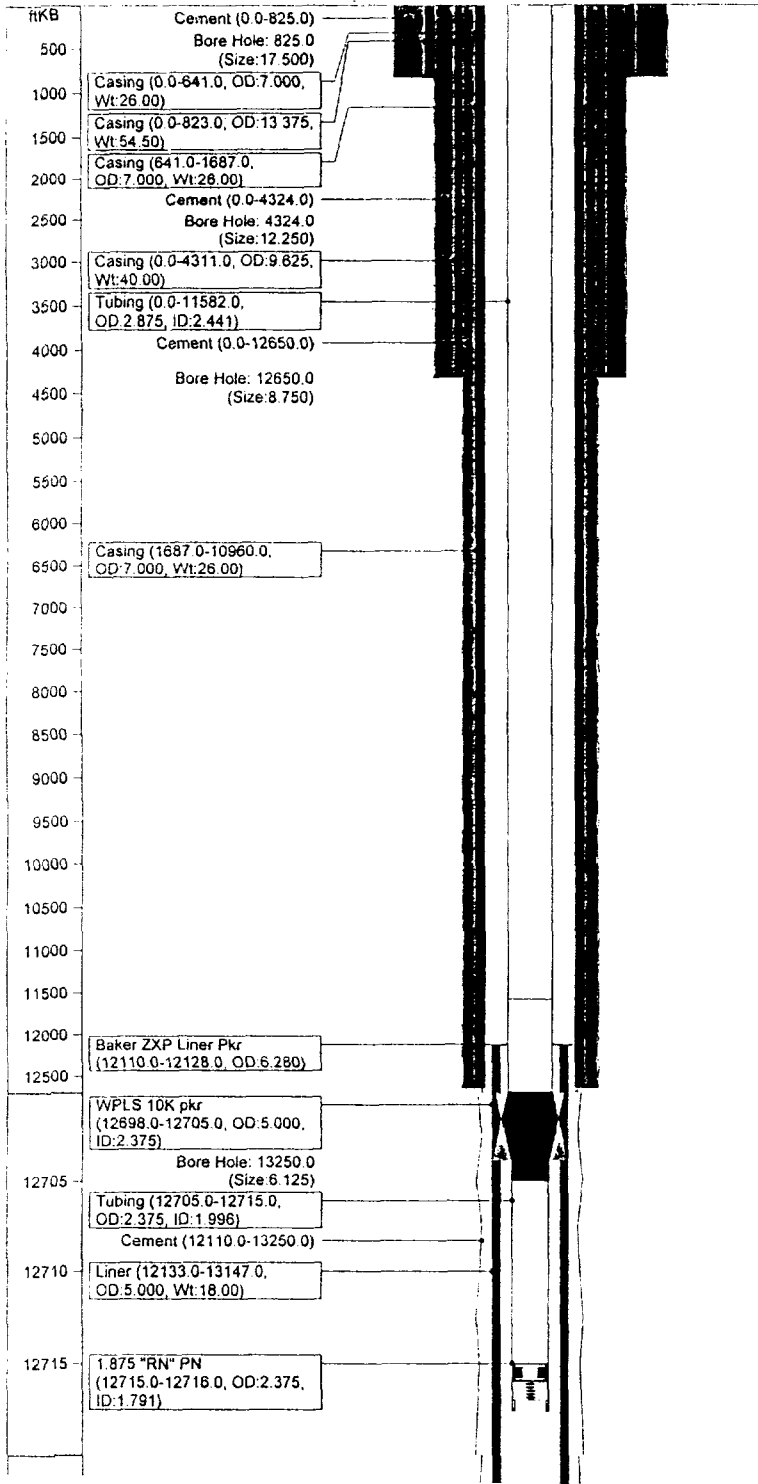
34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tami Wilber

Title Production Clerk

Signature Tami Wilber

Date 11/21/00



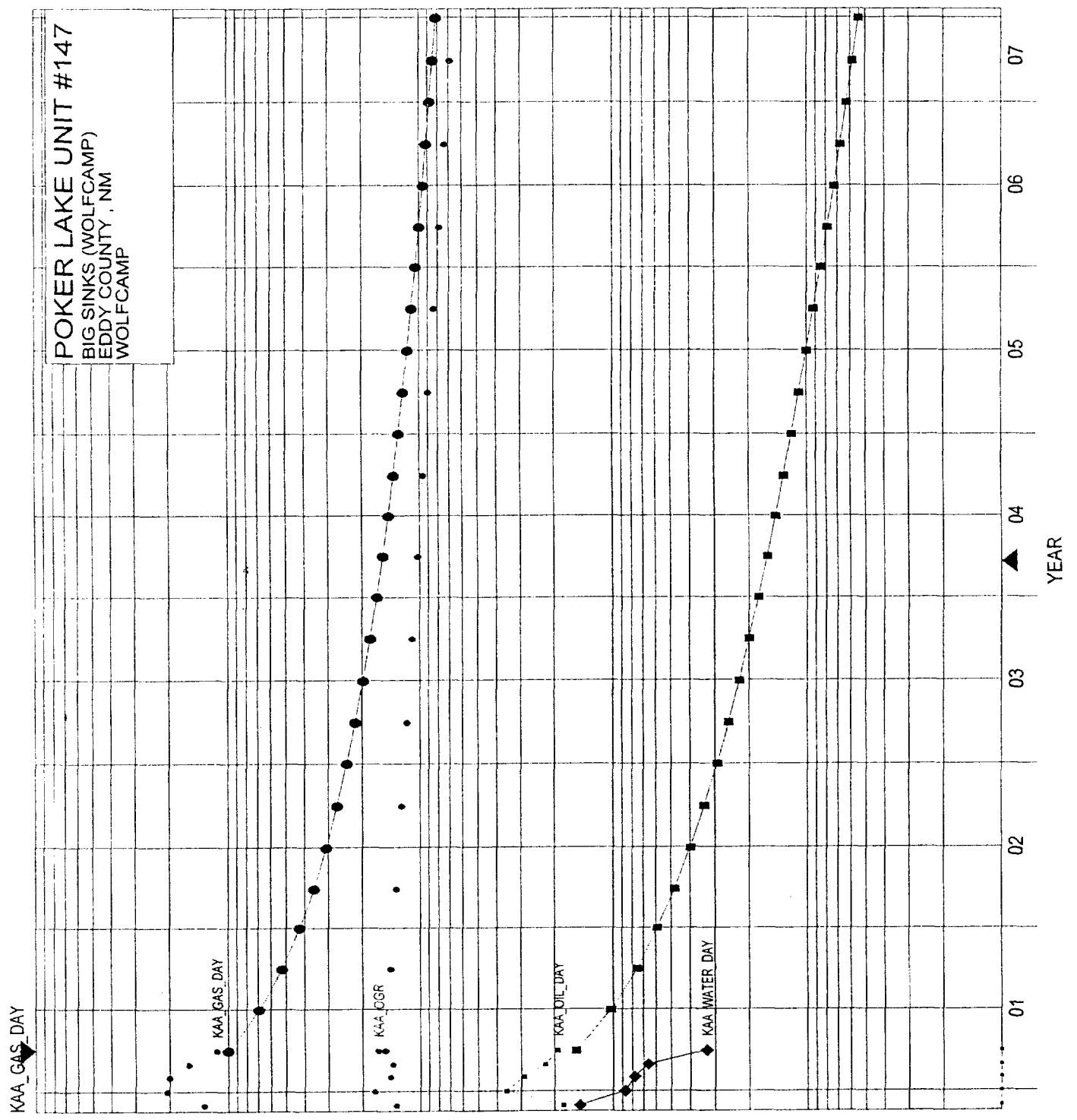
POKER LAKE UNIT #147										
API No.	3001531177	Comments								
TD	13250.0 RKB	Status								
PBTD	13215.0 RKB	Engineer	GTL							
Operator	New Mexico	Permit								
Well No.	Eddy	Spud	8/21/2000							
ID Code		RR	10/11/2000							
Field	POKER LAKE	Completion								
Author	ELE	Last Act.								
Date Updated	2/6/2001	Abandoned								
Location										
Township	25S	Top Latitude	0							
		Top Longitude	0							
Range	31E	Top NS Distance	660.0 ft N							
		Top EW Distance	1650.0 ft E							
Section	5	Bottom Latitude	0							
Unit Ltr.		Bottom Longitude	0							
State	NM	Btm NS Distance	0.0 ft							
County	EDDY	Btm EW Distance	0.0 ft							
Elevations										
KB	3463.0 ft	Cas Flng	0.0 ft							
Grd	3437.0 ft	Tub Head	0.0 ft							
KB-Grd	26.0 ft									
Casing String - Surface Casing										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Casing	8/22/2000	0.0	823.0	18	13.375	12.610	54.50	J-55/K-5	BT	C/S
Casing String - Intermediate Casing										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Casing	8/31/2000	0.0	4311.0	102	9.625	8.830	40.00	L80/K55	LT	C
Casing String - Production Casing										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Casing	9/25/2000	0.0	641.0	15	7.000	6.280	26.00	P-110	LT	C
Casing	9/25/2000	641.0	1687.0	23	7.000	6.280	26.00	S-95 / P-110	LT	C
Casing	9/25/2000	1687.0	10960.0	215	7.000	6.280	26.00	S-95	LT	C
Casing	9/25/2000	10960.0	12517.0	36	7.000	6.280	26.00	S-95	BT	C
Casing	9/25/2000	12517.0	12645.0	2	7.000	6.280	26.00	S-95	LT	C
Casing String - Liner										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Baker ZXP Liner Pkr	10/6/2000	12110.0	12128.0		6.280	5.250	0.00			
Baker HYFLO III Liner Hanger	10/6/2000	12128.0	12132.0		6.280	0.000	0.00			
Liner	10/6/2000	12133.0	13147.0	22	5.000	4.280	18.00	P-110	STL	
Landing Collar	10/6/2000	13147.0	13148.0		5.000	4.280	0.00			
FC Liner	10/6/2000	13148.0	13149.0		5.000	4.280	0.00			
Liner	10/6/2000	13149.0	13244.0	2	5.000	4.280	18.00	P-110	STL	
Shoe	10/6/2000	13244.0	13246.0		5.000	4.280	0.00			
Casing Cement										
Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments					
Surface Casing	8/22/2000	0.0	825.0	700	TOC CIRC					
Intermediate Casing	8/31/2000	0.0	4324.0	1220	Class C Neat through 1" & circ cmt to surf from 276', Orig TOC by TS 276'					
Production Casing	9/26/2000	0.0	12650.0	1750	TOC CIRC; cmt'd w/1500 sx Premium + 300-550 scf/bbl N2 followed with 125 sx Premium + 125 sx Premium					
Liner	10/7/2000	12110.0	13250.0	130	130 sx premium + 300 scf					

KAA_OIL_DAY	CD	4/2001
Qual	3766	
Cum	6926	
Rem	10692	
EUR	10.586	
Yrs	15.4	
Qref	0.000000	
De	0.000000	
b	0.000000	
Qab	0.0	
KAA_GAS_DAY	CD	4/2001
Qual	246960	
Cum	607875	
Rem	854835	
EUR	10.586	
Yrs	1004.5	
Qref	64.403439	
De	0.999800	
b	50.0	
Qab	50.0	
KAA_WATER_DAY	CD	4/2001
Qual	12396.0	
Cum	0	
Rem	0	
EUR	0	
Yrs	37.501	
Qref	15.3	
De	12.504987	
b	0.000000	
Qab	0.1	
WELL	4/2001	
Ref	5.0	
Cum		

WELL_CNT 10000 1000 100 10 1

BO/MM 100 10 1 0.1 0.01

POKER LAKE UNIT #147
 BIG SINKS (WOLFCAMP)
 EDDY COUNTY, NM
 WOLFCAMP



KAA_GAS_DAY

WATER-BWPD 10000 1000 100

GAS-MCFD 1000 100 10

OIL-BOPD 1000 100 10

DISTRICT I
1626 N. French Dr., Hobbs, NM 88240

DISTRICT II
811 South First, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, 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, 1988

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	Pool Code	Pool Name
Property Code	Property Name POKER LAKE UNIT	Well Number 147
OGRID No.	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3437'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 2	5	25 S	31 E		660	NORTH	1650	EAST	EDDY

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	Joint or Infill	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature _____</p> <p>Printed Name _____</p> <p>Title _____</p> <p>Date _____</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>March 25, 2000</p> <p>Date Surveyed _____</p> <p>Signature & Seal of _____</p> <p>Professional Surveyor</p> <p>WQ No. 0183A</p> <p>Certificate No. _____ 7977</p> <p>BASIN SURVEYS</p>

Date: 05/07/2001
 Time: 11:57:51
 DBS: INDWELLS
 Settings: SETDATA
 Scenario: cd

Poker Lake Unit #147
 Bass Enterprises Prod Co.
 Big Sinks (Wolfcamp) Field
 Eddy County, New Mexico
 Commercial Determination

I N P U T D A T A		I N I T I A L C A L C U L A T E D D A T A	
ITEM NAME	Scheduling Rates	Schedule Until	Procedure
400 GAS	11/2000 40119 63937 62380 44858 35666 #	246.960 3/2001	
401 OIL	11/2000 538 1108 899 627 594 #	3.766 3/2001	
402 STAFF	04/2001		
403 GAS	30553.40 X M/M	857.43 IMU	B/0.999 64.40
404 STAFF	04/2001		83.6 30553. 444.
405 OIL/GAS	15.32 0.10 B/MM		
406 STAFF	11/2000		
407 PRI/OIL	34.3700 34.3700 \$/B	12/2000 AD	FLAT
511 "	28.35 28.35 \$/B	01/2001 AD	FLAT
512 "	29.39 29.39 \$/B	02/2001 AD	FLAT
513 "	29.76 29.76 \$/B	03/2001 AD	FLAT
514 "	27.29 27.29 \$/B	04/2001 AD	FLAT
515 "	26.15 26.15 \$/B	10/2001 AD	FLAT
516 "	25.90 25.90 \$/B	11/2001 AD	FLAT
517 "	25.70 25.70 \$/B	12/2001 AD	FLAT
518 "	25.50 25.50 \$/B	01/2002 AD	FLAT
519 "	25.30 25.30 \$/B	02/2002 AD	FLAT
520 "	25.10 25.10 \$/B	03/2002 AD	FLAT
521 "	24.90 24.90 \$/B	04/2002 AD	FLAT
522 "	24.65 24.65 \$/B	05/2002 AD	FLAT
523 "	24.45 24.45 \$/B	06/2002 AD	FLAT
524 "	24.25 24.25 \$/B	07/2002 AD	FLAT
525 "	24.05 24.05 \$/B	08/2002 AD	FLAT
526 "	23.85 23.85 \$/B	09/2002 AD	FLAT
527 "	23.65 23.65 \$/B	10/2002 AD	FLAT
528 "	23.45 23.45 \$/B	11/2002 AD	FLAT
529 "	23.25 23.25 \$/B	12/2002 AD	FLAT
530 "	23.05 23.05 \$/B	01/2003 AD	FLAT
531 "	22.85 22.85 \$/B	02/2003 AD	FLAT
532 "	22.70 22.70 \$/B	03/2003 AD	FLAT
533 "	22.50 22.50 \$/B	04/2003 AD	FLAT
534 "	22.40 22.40 \$/B	05/2003 AD	FLAT
535 "	22.30 22.30 \$/B	06/2003 AD	FLAT
536 "	22.20 22.20 \$/B	07/2003 AD	FLAT
537 "	22.10 22.10 \$/B	08/2003 AD	FLAT
538 "	22.00 22.00 \$/B	09/2003 AD	FLAT
539 "	21.90 21.90 \$/B	11/2003 AD	FLAT
540 "	21.80 21.80 \$/B	02/2004 AD	FLAT
541 "	21.60 21.60 \$/B	06/2004 AD	FLAT
542 "	21.50 21.50 \$/B	09/2004 AD	FLAT
543 "	21.40 21.40 \$/B	02/2005 AD	FLAT
544 "	21.30 21.30 \$/B	05/2005 AD	FLAT
545 "	21.20 21.20 \$/B	09/2005 AD	FLAT
546 "	21.10 21.10 \$/B	12/2005 AD	FLAT
547 "	21.00 21.00 \$/B	04/2006 AD	FLAT
548 "	20.90 20.90 \$/B	07/2006 AD	FLAT

549 "	20.80	20.80 \$/B	10/2006 AD	0.00	9/2006	20.800	20.800	
550 "	20.70	20.70 \$/B	TO LIFE	0.00	9/2038	20.700	20.700	
551 PRI/GAS	4.5000	4.5000 \$/M	12/2000 AD	0.00	11/2000	4.500	4.500	
552 "	6.02	6.02 \$/M	01/2001 AD	0.00	12/2000	6.020	6.020	
553 "	9.91	9.91 \$/M	02/2001 AD	0.00	1/2001	9.910	9.910	
554 "	6.22	6.22 \$/M	03/2001 AD	0.00	2/2001	6.220	6.220	
555 "	5.03	5.03 \$/M	04/2001 AD	0.00	3/2001	5.030	5.030	
556 "	5.35	5.35 \$/M	05/2001 AD	0.00	4/2001	5.350	5.350	
557 "	5.20	5.20 \$/M	07/2001 AD	0.00	6/2001	5.200	5.200	
558 "	5.28	5.28 \$/M	11/2001 AD	0.00	10/2001	5.280	5.280	
559 "	5.40	5.40 \$/M	12/2001 AD	0.00	11/2001	5.400	5.400	
560 "	5.50	5.50 \$/M	02/2002 AD	0.00	1/2002	5.500	5.500	
561 "	5.30	5.30 \$/M	03/2002 AD	0.00	2/2002	5.300	5.300	
562 "	5.00	5.00 \$/M	04/2002 AD	0.00	3/2002	5.000	5.000	
563 "	4.60	4.60 \$/M	05/2002 AD	0.00	4/2002	4.600	4.600	
564 "	4.50	4.50 \$/M	07/2002 AD	0.00	6/2002	4.500	4.500	
565 "	4.57	4.57 \$/M	11/2002 AD	0.00	10/2002	4.570	4.570	
566 "	4.70	4.70 \$/M	12/2002 AD	0.00	11/2002	4.700	4.700	
567 "	4.80	4.80 \$/M	02/2003 AD	0.00	1/2003	4.800	4.800	
568 "	4.70	4.70 \$/M	03/2003 AD	0.00	2/2003	4.700	4.700	
569 "	4.55	4.55 \$/M	04/2003 AD	0.00	3/2003	4.550	4.550	
570 "	4.35	4.35 \$/M	08/2003 AD	0.00	7/2003	4.350	4.350	
571 "	4.41	4.41 \$/M	11/2003 AD	0.00	10/2003	4.410	4.410	
572 "	4.55	4.55 \$/M	12/2003 AD	0.00	11/2003	4.550	4.550	
573 "	4.70	4.70 \$/M	01/2004 AD	0.00	12/2003	4.700	4.700	
574 "	4.60	4.60 \$/M	02/2004 AD	0.00	1/2004	4.600	4.600	
575 "	4.40	4.40 \$/M	03/2004 AD	0.00	2/2004	4.400	4.400	
576 "	4.11	4.11 \$/M	06/2004 AD	0.00	5/2004	4.110	4.110	
577 "	4.10	4.10 \$/M	09/2004 AD	0.00	8/2004	4.100	4.100	
578 "	4.08	4.08 \$/M	02/2005 AD	0.00	1/2005	4.080	4.080	
579 "	4.06	4.06 \$/M	05/2005 AD	0.00	4/2005	4.060	4.060	
580 "	4.04	4.04 \$/M	09/2005 AD	0.00	8/2005	4.040	4.040	
581 "	4.02	4.02 \$/M	12/2005 AD	0.00	11/2005	4.020	4.020	
582 "	4.00	4.00 \$/M	04/2006 AD	0.00	3/2006	4.000	4.000	
583 "	3.98	3.98 \$/M	07/2006 AD	0.00	6/2006	3.980	3.980	
584 "	3.96	3.96 \$/M	10/2006 AD	0.00	9/2006	3.960	3.960	
585 "	3.94	3.94 \$/M	TO LIFE	0.00	9/2038	3.940	3.940	
586 PAJ/GAS	-0.15	-0.15 \$/M	TO LIFE	0.00	10/2000	-0.150	-0.150	
587 PAJ/GAS	-0.08	-0.08 \$/M	TO LIFE	0.00		-0.080	-0.080	
588 PAJ/OIL	2.70	2.70 \$/M	TO LIFE	0.00	10/2000	2.700	2.700	
600 OPC/T	796.00	X \$/M	TO LIFE	0.00	9/2038	796.000	796.000	
603 ATX	0.10	0.10 ¢	TO LIFE	0.00	10/2000	0.001	0.001	
604 STX/OIL	7.08	X ¢	TO LIFE	0.00	9/2038	0.071	0.071	
605 ATX	0.00	X ¢	TO LIFE	0.00	9/2038	0.071	0.071	
606 STX/GAS	7.93	X ¢	TO LIFE	0.00	9/2038	0.079	0.079	
705 LSE/WI	100.0000	D ¢	TO LIFE	0.00	9/2038	1.000	1.000	
720 NET/OIL	84.9746	D ¢	TO LIFE	0.00	9/2038	0.850	0.850	
740 NET/GAS	84.9746	D ¢	TO LIFE	0.00	9/2038	0.850	0.850	
OVERLAYS	Scheduling Rates		Schedule Until	Procedure	Ultimate	Last Eff. Decl	Init. Rate	Final Rate
900 GAS	11/2000 40119 63937 62380 44858 35666 #				246.960	3/2001		
901 OIL	11/2000 538 1108 899 627 594 #				3.766	3/2001		
INVESTMENT	Tangibles & Intangibles		Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R Esc. T&I&R

800 DRILL 400.00 2055.00 M\$G 11/2000 AD PC 0.00 2455.000 11/2000 0 2455.0 2455.0

MISC. PARAMETERS Item

201 LOSS NO 1.15

PROJECT RUN SETTINGS

Base Date : 11/2000 Time Frames : 2,48*12,622
P.W. Date : 11/2000 Primary PW% : 10.0 Discount Freq. : MO
Report Date : 11/2000
Qualifiers : Prod = CD Price = CD Cost = CD Owner = CD
Title = DEFAULT Misc = CD Invest = CD Overlay = CD

1104.45C sk2S (s16602T
 Poker Lake Unit #147
 Bass Enterprises Prod Co.
 Big Sinks (Wolfcamp) Field
 Eddy County, New Mexico
 Commercial Determination

DATE : 05/07/2001
 TIME : 11:57:51
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 11/2000

PERIOD ENDING 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 S TOT AFTER 11.2 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975 84.975

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 2455.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2455.0 0.0 2455.0 0.0 2455.0
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2455.0 2455.0 2455.0

OIL PHASE

8) GROSS OIL, MB 1.6 4.7 1.5 0.8 0.5 0.4 0.3 0.2 0.2 0.1 10.3 0.2 0.2 10.4
 9) NET OIL, MB 1.4 4.0 1.3 0.7 0.5 0.3 0.2 0.2 0.1 0.1 8.7 0.1 0.1 8.9
 10) OIL REVENUE, M\$ 46.2 119.2 34.5 17.6 11.0 7.5 5.3 3.9 3.0 2.3 250.6 3.2 253.8
 11) OIL PRICE, \$/B 33.02 30.05 27.01 24.95 24.24 23.91 23.56 23.40 23.40 23.40 28.68 23.40 28.59

GAS PHASE

12) GROSS GAS, MMF 104.1 316.6 115.4 73.0 53.5 42.3 35.0 29.8 26.0 23.0 818.7 38.8 857.4
 13) NET GAS, MMF 88.4 269.1 98.0 62.0 45.5 35.9 29.7 25.3 22.1 19.6 695.6 32.9 728.6
 14) GAS REVENUE, M\$ 529.2 1880.1 515.5 304.6 206.2 157.5 127.8 108.0 94.2 83.4 4006.5 140.6 4147.1
 15) GAS PRICE, \$/MCF 5.985 6.988 5.258 4.910 4.532 4.383 4.302 4.267 4.267 4.266 5.759 4.266 5.692

ECONOMICS, M\$

19) GROSS REV. TO INTR. 575.3 1999.3 550.0 322.3 217.2 165.0 133.1 112.0 97.1 85.7 4257.1 143.8 4400.9
 20) - SEV. TAX 45.2 157.5 43.3 25.4 17.1 13.0 10.5 8.8 7.7 6.8 335.5 11.4 346.8
 21) - AD VALOREM TAX 0.5 1.8 0.5 0.3 0.2 0.2 0.1 0.1 0.1 0.1 3.9 0.1 4.1
 22) - OPERATING COSTS 1.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 9.6 87.6 19.1 106.7
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) + NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 528.0 1830.4 496.6 287.0 190.3 142.3 112.9 93.5 79.8 69.3 3830.1 113.2 3943.3
 29) - INVESTMENTS & RSK 2455.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2455.0 0.0 2455.0
 30) = BFIT NET -1927.0 1830.4 496.6 287.0 190.3 142.3 112.9 93.5 79.8 69.3 1375.1 113.2 1488.3

PRESENT WORTH @ 10.00 %

31) NET INCOME 523.1 1749.2 426.4 223.4 134.6 91.4 66.0 49.6 38.5 30.4 3332.5 43.2 3375.8
 32) INVESTMENTS & RISK 2455.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 2455.0 0.0 2455.0
 33) BFIT NET -1931.9 1749.2 426.4 223.4 134.6 91.4 66.0 49.6 38.5 30.4 877.5 43.2 920.8
 34) CUM BFIT NET -1931.9 -182.7 243.6 467.1 601.7 693.1 759.0 808.6 847.1 877.5 877.5 920.8 920.8

DATE : 05/07/2001
 TIME : 11:57:51
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

Poker Lake Unit #147
 Bass Enterprises Prod Co.
 Big Sinks (Wolfcamp) Field
 Eddy County, New Mexico
 Commercial Determination

A F T E R T A X E C O N O M I C S

AS OF DATE: 11/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	11.2 YR TOTAL
---------------	---------	---------	---------	---------	---------	---------	---------	---------	---------	---------	-------	-------	---------------

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	2055.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2055.0	0.0	2055.0
3) DEPRECIABLE	400.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	400.0	0.0	400.0

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	575.3	1999.3	550.0	322.3	217.2	165.0	133.1	112.0	97.1	85.7	4257.1	143.8	4400.9
5) - SEVERANCE TAX	45.2	157.5	43.3	25.4	17.1	13.0	10.5	8.8	7.7	6.8	335.5	11.4	346.8
6) - OPR. COSTS & ATX	2.1	11.4	10.1	9.8	9.8	9.7	9.7	9.7	9.6	9.6	91.5	19.2	110.7
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	120.0	84.0	58.8	41.2	28.8	20.2	14.1	9.9	6.9	4.8	388.7	11.3	400.0
12) = NET	408.0	1746.4	437.8	245.8	161.5	122.1	98.8	83.6	72.9	64.5	3441.4	101.9	3543.3
13) - DEPLETION TAKEN	249.4	758.9	276.5	175.0	128.3	101.4	83.8	71.4	62.2	55.2	1962.1	92.9	2055.0
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	158.6	987.5	161.3	70.8	33.2	20.7	15.0	12.2	10.7	9.3	1479.4	9.0	1488.3
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	53.9	335.8	54.8	24.1	11.3	7.0	5.1	4.1	3.6	3.2	503.0	3.0	506.0
19) REVENUE-SEV	530.1	1841.8	506.7	296.8	200.0	152.0	122.6	103.1	89.5	79.0	3921.6	132.4	4054.0
20) - OPR. COSTS & ATX	2.1	11.4	10.1	9.8	9.8	9.7	9.7	9.7	9.6	9.6	91.5	19.2	110.7
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	53.9	335.8	54.8	24.1	11.3	7.0	5.1	4.1	3.6	3.2	503.0	3.0	506.0
24) = A.F.I.T.	474.1	1494.6	441.8	262.9	179.0	135.2	107.8	89.3	76.2	66.2	3327.2	110.1	3437.3
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	474.1	1494.6	441.8	262.9	179.0	135.2	107.8	89.3	76.2	66.2	3327.2	110.1	3437.3
28) - INVESTMENTS & RSK	2455.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2455.0	0.0	2455.0
29) = A.F.I.T. NET	-1980.9	1494.6	441.8	262.9	179.0	135.2	107.8	89.3	76.2	66.2	872.2	110.1	982.3

PRESENT WORTH @ 10.00 %

30) NET INCOME	470.3	1402.6	376.9	203.9	126.2	86.7	62.8	47.3	36.7	29.0	2842.4	42.0	2884.4
31) INVESTMENTS & RISK	2455.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2455.0	0.0	2455.0
32) A.F.I.T. NET	-1984.7	1402.6	376.9	203.9	126.2	86.7	62.8	47.3	36.7	29.0	387.4	42.0	429.4
33) CUM. A.F.I.T. NET	-1984.7	-582.1	-205.2	-1.3	124.9	211.6	274.5	321.8	358.5	387.4	387.4	429.4	429.4

Poker Lake Unit #147
 Bass Enterprises Prod Co.
 Big Sinks (Wolfcamp) Field
 Eddy County, New Mexico
 Commercial Determination

DATE : 05/07/2001
 TIME : 11:57:51
 DBS : INDWELLS
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E C O N O M I C I N D I C A T O R S

AS OF DATE: 11/2000

	B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	1488.322	982.293	1488.322
5.	1166.068	668.698	959.163
10.	920.783	429.392	592.359
15.	727.794	240.598	322.399
20.	571.631	87.414	114.526
25.	442.247	-39.834	-51.258
30.	332.902	-147.642	-187.206
35.	238.934	-240.501	-301.213
40.	157.035	-321.601	-398.582
50.	20.422	-457.236	-557.133
60.	-89.865	-567.043	-681.820
70.	-181.493	-658.458	-783.284
80.	-259.316	-736.200	-867.993
90.	-326.572	-803.432	-940.129
100.	-385.514	-862.364	-1002.537

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

RATE OF RETURN, PCT.	51.9	23.4
UNDISCOUNTED PAYOUT, YRS.	1.36	2.34
DISCOUNTED PAYOUT, YRS.	1.60	3.18
UNDISCOUNTED NET/INVEST.	1.61	1.40
DISCOUNTED NET/INVEST.	1.38	1.17

NOTES

File

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

OIL CONSERVATION DIV.

May 25, 2001 01 MAY 29 PM 2:16

FEDERAL EXPRESS

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: Poker Lake Unit
2001 Plan of Development
Eddy County, New Mexico

Gentlemen:

Please reference your letter dated April 17, 2001, and my subsequent conversations with Mr. Joe Mraz regarding Bass' Plan of Development for the Poker Lake Unit and your request for Bass to submit its specific plans for the development of the following sections:

1. Section 30, T24S-R30E: Delaware, Bone Spring and Atoka
2. Section 31, T24S-R30E: Delaware, Bone Spring and Atoka
3. Section 14, T24S-R30E: Delaware and Bone Spring


Bass has closely monitored industry activity offsetting each of the above three (3) sections and the results of our findings are as follows:

1. Area 1 (Sections 30 and 31 T24S-R30E) - Bass has obtained detailed information associated with this area; however, the results of drilling activity to the west have not been sufficient to merit the drilling of a well by Bass in Section 30 or 31. The primary zone of interest has been the Atoka Formation with 2 wells producing from the Atoka in Sections 25 (HNG - Queen Mesa Fed. No. 1) and Section 26 (Superior - Mayer Fed. No. 1). Bass attempted to offset these wells by drilling the Poker Lake No. 74 in the SE/4 of Section 24, T24S-R29E. The PLU No. 74 was a dry hole which confirmed that the producers in Sections 25 and 26 are producing from an Atoka reservoir which appears to run north to south and does not extend to the east onto the Poker Lake Unit. Also, Bass has monitored production from the Mobil - Oscar State No. 1 (Section 36, T24S-R29E) which produced 1.1 BCF since the mid 1980's from the U. Morrow/Atoka. The BLM raised a potential drainage issue affecting Bass leases at that time. In order to respond, Bass mapped the reservoir, judged it to be downdip and wet on the unit. This was presented to the BLM, who immediately accepted the data and dismissed any drainage possibilities. Also, it should be noted that Area 1 is not considered to be prospective for the Bone Spring or Delaware Formations at this time; however, Bass has recently drilled successful Delaware wells in Sec. 6, T24S-R30E and this Delaware production will possibly be extended to the south from there.
2. Area 2 (Section 14, T24S-R30E) - Bass has monitored operations and production of the Pogo - Nimitz "13" Federal No. 1 drilled in 1997 (NWNW Sec. 13, T24S-R30E), offsetting the Poker Lake Unit. The well encountered poor sand development in the Delaware - Lower Brushy Canyon and is non-commercial (EUR 28 MBO). Another Delaware well located in Section 13, the Santa Fe - Paladium No. 1 in the SE/4 SE/4, was tested in the Lower Brushy Canyon at non-commercial rates and converted to a saltwater disposal well.

May 25, 2001
Page 2

Therefore, based on the results of the above drilling and production results, Bass does not feel that a well in either of the above areas is merited at this point. As is our practice, we are constantly updating our research and information which could change our opinion and, if so, you will be advised accordingly. Thank you very much and should you require further information or details concerning either of the above areas, please don't hesitate to contact the undersigned at (817) 390-8671.

Sincerely,


J. Wayne Bailey
Division Landman

JWB:ca

cc: Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201
Attention: Mr. Amando Lopez
Ms. Alexis Swoboda
Mr. John Simitz

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505
Attention: Roy Johnson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Joe Mraz

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

5/23/01

May 23, 2001

EXPRESS MAIL/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201
Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505
Attention: Mr. Roy Johnson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Ms. Jami Bailey

Re: Amended 2001 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the Poker Lake Unit for the year 2001. This amendment is being filed specifically for the addition of the following proposed wells:

FUTURE DEVELOPMENT

Poker Lake Unit No. 171 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL, Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth 7,940 to test the Delaware Formation.

Poker Lake Unit No. 172 - This well will be drilled at a legal location being 660' FSL & 2,310' FEL, Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth 7,910" to test the Delaware Formation.

Poker Lake Unit No. 173 - This well will be drilled at a legal location being 660' FSL & 1,980' FWL, Section 33, T23S-R30E, Eddy County, New Mexico to a proposed depth 7,880' to test the Delaware Formation.

Poker Lake Unit No. 176 - This well will be drilled at a legal location being 660' FSL & 660' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth 7,670' to test the Delaware Formation.

Poker Lake Unit No. 184 - This well will be drilled at a legal location being 1,700' FNL & 1,850' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth 7,450' to test the Delaware Formation.

PARTICIPATING AREAS AND COMMERCIAL DETERMINATIONS

Bass will be submitting a commercial determination for the Poker Lake Unit No. 147 Well within thirty (30) days.

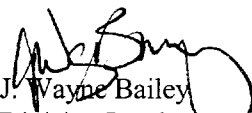
Bass is in the process of acquiring well information from the recently completed J. Ray Stewart – Conoco Federal No. 1, a Delaware completion located in the S/2 NW/4 Section 20, T25S-R30E, being in the Poker Lake Unit. This information will enable Bass to prepare a second revision to the Poker Lake Unit Delaware Participating Area which will incorporate the Bass-Poker Lake Unit Well Nos. 62, 63, 64 and 65, which the BLM has previously determined to be commercial.

EFFECTIVE DATE

This Amended Plan of Development shall become effective on May 22, 2001.

If this Amended Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 30 day of May, 2001.

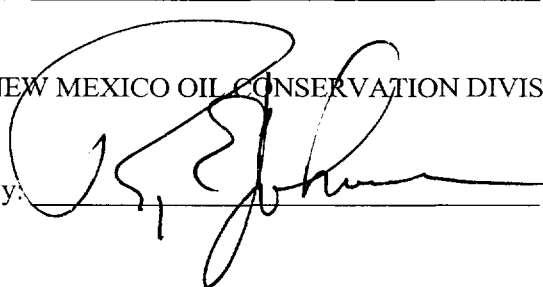
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

March 20, 2001

EXPRESS MAIL/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
1220 S. St. Francis
Santa Fe, New Mexico 87505

Attention: Mr. Steven Ross

Re: 2001 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 2001.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

2000 ACTIVITY

Poker Lake Unit No. 141 – This well was drilled at a location being 1,980' FSL, 660' FWL, Section 32, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,500' – 7,550'.

Poker Lake Unit No. 145 – This well was drilled at a location being 2,310' FSL, 1,850' FEL, Section 31, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,084' – 7,089'.

Poker Lake Unit No. 146 – This well was drilled at a location being 660' FSL, 810' FEL, Section 31, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,210' – 7,215'.

Poker Lake Unit No. 147 – This well was drilled at a location being 660' FSL, 1,650' FSL, Section 31, T23S-R30E, Eddy County, New Mexico. This well was completed in the Wolfcamp Formation as a gas well in interval between 12,910' – 13,039'.

Poker Lake Unit No. 149 – This well was drilled at a location being 2,130' FEL, 660' FSL, Section 31, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,205' – 7,210'.

PARTICIPATING AREAS

Bass is in the process of preparing Commercial Determinations for all productive wells for which same have not been prepared in the past and will submit all wells drilled to date where adequate information is available for commercial determination and participating areas. In the event you have not received commercial determination for the wells that have been drilled and completed and are currently producing, please advise at your convenience and we will submit same to you.

FUTURE DEVELOPMENT

Poker Lake Unit Well No. 71-A – This well will be drilled at a legal location being 660' FNL, 1,980' FWL, Section 33, T23S-R30E, Eddy County, New Mexico to a total depth of 7,850' to test the Delaware Formation.

Poker Lake Unit Well No. 148 – This well will be drilled at a legal location being 1,750' FNL, 750' FEL, Section 32, T24S-R31E, Eddy County, New Mexico to a total depth 13,500' to test the Wolfcamp Formation.

Poker Lake Unit Well No. 150 – This well will be drilled at a legal location being 760' FNL, 810' FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a total depth of 7,590' to test the Delaware Formation.

Poker Lake Unit Well No. 151 – This well will be drilled at a legal location being 510' FNL, 1,980" FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a total depth of 7,530' to test the Delaware Formation.

Poker Lake Unit Well No. 152 – This well will be drilled at a legal location being 1,980' FNL, 660' FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a total depth of 7,560' to test the Delaware Formation.

Poker Lake Unit Well No. 153 – This well will be drilled at a legal location being 1,830' FNL, 1,980" FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a total depth of 14,450' to test the Atoka/Morrow Formation.

Poker Lake Unit Well No. 165 – This well will be drilled at a legal location being 560' FSL, 330' FWL, Section 32, T23S-R30E, Eddy County, New Mexico to a total depth of 7,550' to test the Delaware Formation.

Poker Lake Unit Well No. 170 – This well will be drilled at a legal location being 1,980' FSL, 1,980' FWL, Section 33, T23S-R30E, Eddy County, New Mexico to a total depth of 7,870' to test the Delaware Formation.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands covered by the Poker Lake Unit Agreement or pursuant to applicable regulations.

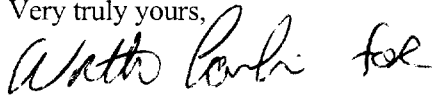
MODIFICATIONS

In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This Plan of Development shall become effective on January 1, 2001.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,

J. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 28th day of March, 2001.

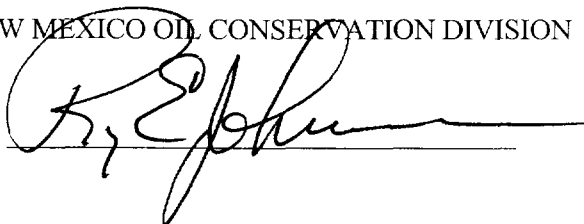
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

February 8, 2001

CERTIFIED EXPRESS MAIL

New Mexico State Land Office
Commissioner of Public Lands
310 Old Santa Fe Trail
Santa Fe, New Mexico 87501
Attention: Mr. Pete Martinez

Minerals Management Service
Mineral Revenue Management
P. O. Box 25165
Mail Stop 357B1
Denver, Colorado 80225-0165
Attn: JoAnne Taylor

Bureau of Land Management
2909 W. 2nd Street
Roswell, New Mexico 88201
Attn: Mr. Larry Bray

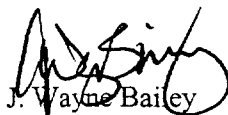
Re: Delaware "C" Participating Area
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

As your records will indicate, the BLM and State Land Office have each approved the Initial Participating Area and First Revision to the Delaware "C" Participating Area in the Poker Lake Unit. This Participating Area currently contains the Bass-Poker Lake Unit Nos. 137, 140, 141, 144, 145, 146 and 149 Wells. This is to advise you that the New Mexico Oil Conservation Division has not approved the above PA and First Revision. However, due to the requirements set forth by the Minerals Management Service, Bass' plans are to make royalty payments and report production to the State and MMS based on the interests in the First Revision. In the meantime, Bass will continue to request approval from the OCD. The OCD has not expressed any opposition to the above PA, and their failure to approve same is apparently due to an administrative delay.

In the absence of an agreement by the OCD, it is hereby requested that the State, BLM or MMS immediately contact the undersigned in writing in the event Bass' plans set forth above are not acceptable. The alternative is to pay royalty and report production on a lease basis pending the OCD's consent to the Initial PA and First Revision, which would complicate the payment and reporting process. Should you have any questions or comments in the above regard, please contact the undersigned at (817) 390-8671.

Very truly yours,


J. Wayne Bailey

JWB:ca

cc: New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Stephen Ross
Roy Johnson

Sig Romeika



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell Field Office
2909 West Second Street
Roswell, New Mexico 88201

IN REPLY REFER TO:

1408001303
NMNM71016G
3180(06300)

NOV 24 2000

Bass Enterprises Production Co.
Attn: Mr. J. Wayne Bailey
201 Main Street
Fort Worth, TX 76102-3131

Re: Poker Lake Unit Area
Poker Lake Unit # 145 and #146
Eddy County, New Mexico
Commercial Well Determinations

Pursuant to your letter dated November 10, 2000 in which you submitted commercial well determinations for the Poker Lake Unit #145 and #146 wells, we concur that the wells are capable of producing unitized substances in paying quantities and should be part of a participating area.

The Poker Lake Unit #145, located 2310' FSL & 1815' FEL, Section 31, T. 23 S., R. 30 E., was completed April 20, 2000 in the Delaware formation. The Poker Lake Unit #146, located 660' FSL & 810' FEL, Section 31, T. 23 S., R. 30 E., was completed May 13, 2000 in the Delaware formation. Both wells are located within the boundaries of the existing Delaware "C" participating area and should be reported to AFS #891-000303F.

If you have any questions, please contact Alexis C. Swoboda, P.E. at 505-627-0228.

Sincerely,

/S/ Larry D. Bray

Larry D. Bray
Assistant Field Manager
Lands and Minerals

cc:
MMS, Denver (3240)
NM (930)
NM (06300, official file copy, A. Swoboda)
Commissioner of Public Lands
NMOCD
pink copy

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

November 10, 2000

FEDERAL EXPRESS

Bureau of Land Management
2901 West 2nd Street
Roswell, New Mexico 88201
Attention: Ms. Alexis Swoboda

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Pete Martinez

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504
Attention: Mr. Roy Johnson

Re: Commercial Determinations
Poker Lake Unit Nos. 145 and 146
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determinations for the two (2) referenced wells indicating that both wells are commercial producers. Also, both wells are located within the First Revision of the Delaware "C" Participating Area, which Bass has submitted to the above three (3) agencies and has received approval by the BLM. Should you be in agreement that the above wells are commercial producers, please sign one copy of this letter in the space provided below and return same to the undersigned at your earliest convenience. Please contact the undersigned with any questions or comments you may have in regard to the attached determinations at (817) 390-8671. Thank you very much.

Very truly yours,


J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2000.

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____

**INTER-OFFICE MEMORANDUM
MIDLAND OFFICE**

October 23, 2000

FOR: FORT WORTH; FILE
TO: FRANK McCREIGHT
FROM: JOHN SMITHERMAN
RE: COMMERCIAL DETERMINATIONS
POKER LAKE UNIT – NASH DRAW
EDDY COUNTY, NEW MEXICO
FILE: ESF; PLUCD_MEMO.DOC

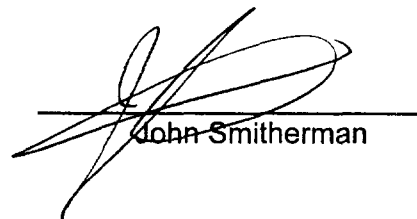
LAND RECEIVED		
NOV 06 2000		
WRS _____	JWB <input checked="" type="checkbox"/>	TCS _____
DDC _____	HBF _____	WWC _____
HCM _____	LJL _____	TL _____
		SHS _____

Commercial Determination (CD) forms have been prepared along with the required attachments for the Poker Lake Unit #145 and #146 and are attached. Each well has a CD form, a wellbore sketch, a production plot and forecast, a dedication plat, a completion report, and an Aries economic run.

A decline curve analysis was performed on each well to determine its estimated ultimate recovery (EUR). Actual received oil and gas prices were used through 1999. Projected oil and gas prices were modeled from the NYMEX West Texas Intermediate futures and Henry Hub Gas futures with appropriate offsets to reflect realized value at the lease. Expenses were held flat at \$2500/month for the life of each well and a water disposal cost of \$0.31/bbl was applied. The actual completed well cost for each well was used.

Please advise if you have any questions or require additional information.

DKB
kaa
WAR


John Smitherman

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #145 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ J _____ UNIT, _____ 2310 FEET FROM _____ SOUTH LINE & _____ 1815 FEET FROM _____ EAST LINE
 SECTION _____ 31 _____ TOWNSHIP _____ 23 S _____, RANGE _____ 30E _____, COUNTY _____ EDDY _____, NEW MEXICO
 SPUD DATE _____ 3/16/00 _____ COMPLETION DATE _____ 4/20/00 _____ INITIAL PRODUCTION _____ 4/23/00
 PERFORATIONS _____ 7084-89' _____

STIMULATION:

ACID _____ 500 Gals 15% HCL _____

FRACTURE _____ 49,000 gals Viking 30 + 195,000# 16/30 Brady + 50,000# 16/30 CR-4000 _____

POTENTIAL _____ 04//29/00 Pmpd 212 BO, 778 MCF, 352 BW 24 HRS _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.9%	
Water saturation (Sw), %	54%	
Net Thickness (h), ft.	74.5	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,053	
Recovery factor (RF), %	10%	
Recoverable oil, BBLS *(See eq. below)	91,458	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)

Bol = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>8/31/00</u> ; <u>12213</u> BBLs
INITIAL RATE (q1)	<u>67</u> BOPD
ECONOMIC LIMIT (q1)	<u>3</u> BOPD
DECLINE RATE, dy	<u>Harmonic d = 51.7%</u>
REMAINING OIL (Q) =	<u>90,087</u> STB
ULTIMATE RECOVERABLE OIL (STB)	<u>102,300</u> STB

(Attach plot showing proration unit and participating area.)

ECONOMIC

WELL COST \$	<u>459,000</u>	(to the depth of formation completed)
RECOMPLETION COST \$	<u>0</u>	
TOTAL COST	<u>459,000</u>	

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-459,000</u>
1	<u>19,300</u>	<u>672,900</u>	<u>33,000</u>	<u>570,700</u>
2	<u>15,200</u>	<u>560,900</u>	<u>37,600</u>	<u>429,100</u>
3	<u>10,500</u>	<u>329,200</u>	<u>35,200</u>	<u>218,100</u>
4	<u>8,000</u>	<u>229,200</u>	<u>34,000</u>	<u>130,900</u>
5	<u>6,500</u>	<u>174,900</u>	<u>33,300</u>	<u>85,900</u>
6	<u>5,500</u>	<u>143,300</u>	<u>32,800</u>	<u>60,600</u>
7	<u>4,700</u>	<u>121,200</u>	<u>32,500</u>	<u>44,000</u>
8	<u>4,200</u>	<u>106,200</u>	<u>32,200</u>	<u>33,200</u>
9	<u>3,700</u>	<u>94,600</u>	<u>32,000</u>	<u>25,400</u>
10	<u>3,400</u>	<u>85,300</u>	<u>31,800</u>	<u>19,500</u>
REMAINDER	<u>21,300</u>	<u>537,800</u>	<u>286,800</u>	<u>61,200</u>

WELL IS COMMERCIAL

Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

I N I T I A L C A L C U L A T E D D A T A

ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
400 OIL	04/2000 2258 3399 2391 2204 1961 #			22.465	8/2000			
401 START	08/2000							
402 OIL	2073.30 X B/M	108.51 IMU	B/1.010	118.760	3/2031	51.7	2073.	91.
403 GAS	04/2000 2913 14357 8939 8706 8756 #			78.586	8/2000			
404 START	08/2000							
405 GAS	8485.10 X M/M	03/2019 AD	B/1.010	280.091	2/2019	74.7	8485.	327.
406 "	327.20 X M/M	28.51 IMU	EXP	308.597	3/2028	5.0	327.	205.
407 WTR	04/2000 3627 8835 4031 3193 2604 #			22.290	8/2000			
408 START	08/2000							
409 WTR	3508.70 X B/M	270.61 IMU	B/1.160	270.613	3/2031	57.9	3509.	65.
410 START	04/2000							
511 PRI/OIL	16.8800 X \$/B	1/95 MM/YY	PC		3/2031		16.880	
512 "	18.39 X \$/B	1/96 AD	PC		3/2031		18.390	
513 "	22.26 X \$/B	1/97 AD	PC		3/2031		22.260	
514 "	20.74 X \$/B	1/98 AD	PC		3/2031		20.740	
515 "	14.43 X \$/B	1/99 AD	PC		3/2031		14.430	
516 "	19.25 X \$/B	1/2000 AD	PC		3/2031		19.250	
517 "	30.01 X \$/B	1/2001 AD	PC		12/2000		30.010	
518 "	31.12 X \$/B	1/2002 AD	PC		12/2001		31.120	
519 "	27.43 X \$/B	1/2003 AD	PC		12/2002		27.430	
520 "	25.41 X \$/B	1/2004 AD	PC		12/2003		25.410	
521 "	23.66 X \$/B	1/2005 AD	PC		12/2004		23.660	
522 "	23.00 X \$/B	1/2006 AD	PC		12/2005		23.000	
523 "	22.49 X \$/B	TO LIFE	PC		3/2031		22.490	
526 PRI/GAS	1.8900 X \$/M	1/95 MM/YY	PC		3/2031		1.890	
527 "	1.94 X \$/M	1/96 AD	PC		3/2031		1.940	
528 "	2.61 X \$/M	1/97 AD	PC		3/2031		2.610	
529 "	2.59 X \$/M	1/98 AD	PC		3/2000		2.590	
530 "	2.11 X \$/M	1/99 AD	PC		3/2000		2.110	
531 "	2.27 X \$/M	1/2000 AD	PC		3/2000		2.270	
532 "	3.72 X \$/M	1/2001 AD	PC		12/2000		3.720	
533 "	4.86 X \$/M	1/2002 AD	PC		12/2001		4.860	
534 "	4.31 X \$/M	1/2003 AD	PC		12/2002		4.310	
535 "	3.97 X \$/M	TO LIFE	PC		3/2031		3.970	
538 PRI/OIL	-0.5000 X \$/B	TO LIFE	PC		3/2031		-0.500	
540 PRI/OIL	0.0000 X \$/B	TO LIFE	PC		3/2031		0.000	
541 PRI/GAS	0.3000 X \$/M	TO LIFE	PC		3/2031		0.300	
543 PRI/GAS	0.0000 X \$/M	TO LIFE	PC		3/2031		0.000	

Code	Item	2500.00	2500.00	\$/M	\$/U	TO	LIFE	PC	0.00	3/2000	2500.000
600	OPC/T	2500.00	2500.00	\$/M		TO	LIFE	PC	0.00	3/2000	2500.000
601	OPC/WTR	0.31	0.31	\$/U		TO	LIFE	PC	0.00	3/2000	0.310
602	ATX	0.15	0.15	%		TO	LIFE	PC	0.00	3/2000	0.002
602	OPC/T	0.00	X	\$/M		TO	LIFE	PC	0.00	3/2031	
603	STX/OIL	7.08	X	%		TO	LIFE	PC	0.00	3/2031	0.071
604	ATX	0.00	X	%		TO	LIFE	PC	0.00	3/2031	0.071
605	STX/GAS	7.93	X	%		TO	LIFE	PC	0.00	3/2031	0.079
705	LSE/WI	100.0000	D	%		TO	LIFE	FLAT	0.00	3/2031	1.000
720	NET/OIL	79.5000	D	%		TO	LIFE	FLAT	0.00	3/2031	0.795
740	NET/GAS	79.5000	D	%		TO	LIFE	FLAT	0.00	3/2031	0.795
780	LSE/NPI	0.0000	D	%		TO	LIFE	FLAT	0.00	3/2031	

OVERLAYS	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last Eff. Decl	Init. Rate	Final Rate
900	OIL	04/2000 2258 3399 2391 2204 1961 #		22.465	8/2000		
901	GAS	04/2000 2913 14357 8939 8706 8756 #		78.586	8/2000		
902	WTR	04/2000 3627 8835 4031 3193 2604 #		22.290	8/2000		

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800	DRILL	127.40 331.60 M\$G	PC	459.000	4/2000	0	459.0	459.0

MISC. PARAMETERS	Item
201	CUMO, MB
250	LOSS

PROJECT RUN SETTINGS

Base Date : 04/2000 Time Frames : 9,48*12,615 Discount Freq. : MO

P.W. Date : 04/2000 Primary PW% : 10.0

Report Date : 04/2000

Qualifiers : Prod = CD Price = CD Cost = CD Owner = CD
 Title = DEFAULT Misc = CD Invest = CD Overlay = CD

NET/WTR WI

DATE : 10/18/2000
TIME :
DBS : INDWELLS
SETTINGS : SETDATA
SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S
AS OF DATE: 04/2000

PERIOD ENDING 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 S TOT AFTER TOTAL 18.9 YR

OWNERSHIP

1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	
2) REVENUE INTEREST, %	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500	79.500

INVESTMENTS, M\$

3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
4) EQUITY INVESTMENTS	459.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0

OIL PHASE

8) GROSS OIL, MB	19.3	15.2	10.5	8.0	6.5	5.5	4.7	4.2	3.7	3.4	3.4	81.0	21.3	102.3
9) NET OIL, MB	15.3	12.1	8.3	6.4	5.2	4.4	3.8	3.3	3.0	2.7	2.7	64.4	17.0	81.3
10) OIL REVENUE, M\$	451.7	369.6	224.8	159.2	120.0	98.1	82.8	72.8	65.0	58.8	58.8	1702.8	372.8	2075.6
11) OIL PRICE, \$/B	29.51	30.62	26.93	24.91	23.16	22.50	21.99	21.99	21.99	21.99	21.99	26.46	21.99	25.53

GAS PHASE

12) GROSS GAS, MMF	69.2	46.6	28.5	20.6	16.2	13.3	11.3	9.8	8.7	7.8	7.8	232.1	48.6	280.7
13) NET GAS, MMF	55.0	37.1	22.7	16.4	12.9	10.6	9.0	7.8	6.9	6.2	6.2	184.5	38.7	223.2
14) GAS REVENUE, M\$	221.1	191.3	104.5	70.0	54.9	45.2	38.4	33.4	29.6	26.5	26.5	814.8	165.0	979.8
15) GAS PRICE, \$/MCF	4.020	5.160	4.610	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.270	4.416	4.270	4.391

ECONOMICS, M\$

19) GROSS REV. TO INTR.	672.9	560.9	329.2	229.2	174.9	143.3	121.2	106.2	94.6	85.3	85.3	2517.6	537.8	3055.4
20) - SEV. TAX	49.5	41.3	24.2	16.8	12.8	10.5	8.9	7.8	6.9	6.3	6.3	185.2	39.5	224.7
21) - AD VALOREM TAX	0.9	0.8	0.5	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	3.5	0.7	4.2
22) - OPERATING COSTS	33.0	37.6	35.2	34.0	33.3	32.8	32.5	32.2	32.0	31.8	31.8	334.3	286.8	621.2
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	589.4	481.2	269.4	178.0	128.5	99.7	79.6	66.1	55.6	47.1	47.1	1994.6	210.7	2205.3
29) - INVESTMENTS & RSK	459.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0	0.0	459.0
30) = BEIT NET	130.4	481.2	269.4	178.0	128.5	99.7	79.6	66.1	55.6	47.1	47.1	1535.6	210.7	1746.3

PRESENT WORTH @ 10.00 %

31) NET INCOME	570.7	429.1	218.1	130.9	85.9	60.6	44.0	33.2	25.4	19.5	19.5	1617.4	61.2	1678.6
32) INVESTMENTS & RISK	459.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0	0.0	459.0
33) BEIT NET	111.7	429.1	218.1	130.9	85.9	60.6	44.0	33.2	25.4	19.5	19.5	1158.4	61.2	1219.6
34) CUM BEIT NET	111.7	540.8	758.9	889.8	975.7	1036.3	1080.3	1113.5	1138.8	1158.4	1158.4	1158.4	1219.6	1219.6

DATE : 10/18/2000
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

AFTER TAX ECONOMICS

AS OF DATE: 04/2000

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	18.9 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPRECIABLE	331.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	331.6	0.0	331.6
3) DEPRECIABLE	127.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	127.4	0.0	127.4
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	672.9	560.9	329.2	229.2	174.9	143.3	121.2	106.2	94.6	85.3	2517.6	537.8	3055.4
5) - SEVERANCE TAX	49.5	41.3	24.2	16.8	12.8	10.5	8.9	7.8	6.9	6.3	185.2	39.5	224.7
6) - OPR. COSTS & ATX	33.9	38.4	35.7	34.3	33.5	33.0	32.6	32.3	32.1	31.9	337.8	287.6	625.4
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) - NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	38.2	26.8	18.7	13.1	9.2	6.4	4.5	3.1	2.2	1.5	123.8	3.6	127.4
12) = NET	551.2	454.4	250.6	164.9	119.3	93.3	75.2	63.0	53.4	45.6	1870.8	207.1	2077.9
13) - DEPLETION TAKEN	62.4	49.2	34.0	26.1	21.1	17.8	15.4	13.5	12.1	10.9	262.5	69.1	331.6
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	488.8	405.2	216.6	138.8	98.2	75.5	59.8	49.5	41.3	34.7	1608.3	138.0	1746.3
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	166.2	137.8	73.6	47.2	33.4	25.7	20.3	16.8	14.0	11.8	546.8	46.9	593.7
19) REVENUE-SEV	623.3	519.5	305.0	212.3	162.0	132.7	112.3	98.4	87.7	79.0	2332.4	498.3	2830.7
20) - OPR. COSTS & ATX	33.9	38.4	35.7	34.3	33.5	33.0	32.6	32.3	32.1	31.9	337.8	287.6	625.4
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	166.2	137.8	73.6	47.2	33.4	25.7	20.3	16.8	14.0	11.8	546.8	46.9	593.7
24) = A.F.I.T.	423.2	343.4	195.7	130.8	95.1	74.1	59.3	49.3	41.5	35.3	1447.8	163.8	1611.6
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	423.2	343.4	195.7	130.8	95.1	74.1	59.3	49.3	41.5	35.3	1447.8	163.8	1611.6
28) - INVESTMENTS & RSK	459.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0	0.0	459.0
29) = A.F.I.T. NET	-35.8	343.4	195.7	130.8	95.1	74.1	59.3	49.3	41.5	35.3	988.8	163.8	1152.6

PRESENT WORTH @ 10.00 %

30) NET INCOME	408.4	304.8	157.9	96.0	63.4	44.9	32.7	24.7	18.9	14.6	1166.4	47.2	1213.6
31) INVESTMENTS & RISK	459.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	459.0	0.0	459.0
32) A.F.I.T. NET	-50.6	304.8	157.9	96.0	63.4	44.9	32.7	24.7	18.9	14.6	707.4	47.2	754.6
33) CUM. A.F.I.T. NET	-50.6	254.2	412.1	508.1	571.5	616.4	649.1	673.8	692.7	707.4	707.4	754.6	754.6

DATE : 10/18/2000
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

E C O N O M I C I N D I C A T O R S

AS OF DATE: 04/2000

B.F.I.T. A.F.I.T. A.F.I.T.
 WORTH WORTH BONUS
 M\$----- M\$----- M\$-----

PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONUS TABLE

0.	1746.317	1152.570	1746.318
5.	1433.732	915.888	1253.164
10.	1219.628	754.561	973.846
15.	1063.567	637.341	792.437
20.	944.177	547.832	663.805
25.	849.357	476.813	566.921
30.	771.825	418.761	490.716
35.	706.954	370.185	428.809
40.	651.671	328.774	377.257
50.	561.964	261.519	295.728
60.	491.806	208.845	233.608
70.	435.077	166.184	184.319
80.	388.039	130.752	144.033
90.	348.263	100.740	110.347
100.	314.090	74.914	81.668

RATE OF RETURN, PCT.	100.0	100.0
UNDISCOUNTED PAYOUT, YRS.	0.58	0.85
DISCOUNTED PAYOUT, YRS.	0.60	0.92
UNDISCOUNTED NET/INVEST.	4.80	3.51
DISCOUNTED NET/INVEST.	3.66	2.64

NOTES

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FORM APPROVED
OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 02864
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR Bass Enterprises Production Co.		7. UNIT AGREEMENT NAME Poker Lake Unit
3. ADDRESS AND TELEPHONE NO. P.O. Box 2760, Midland, TX 79702-2760 (915) 683-2277		8. FARM OR LEASE NAME, WELL NO. Poker Lake Unit #145
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2310' FSL & 1815' FEL, Unit Letter J At top prod. interval reported below		9. API WELL NO. 30-015-31006
At total depth		10. FIELD AND POOL, OR WILDCAT Nash Draw (Delaware)
14. PERMIT NO. _____ DATE ISSUED _____		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 31, T23S, R30E
		12. COUNTY OR PARISH Eddy
		13. STATE NM

15. DATE SPUDDED 3/16/00	16. DATE T.D. REACHED 3/26/00	17. DATE COMPL. (Ready to prod.) 4/20/00	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 7447'	21. PLUG. BACK T.D., MD & TVD 7355'	22. IF MULTIPLE COMPL. HOW MANY* Single	23. INTERVALS DRILLED BY →	ROTARY TOOLS Yes
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7084-89' (Delaware)				25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN				27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
-5/8"	24#	466'	11"	Surface	N/A
-1/2"	17#, 15.5#	7447'	7-7/8"	4305' TS	N/A

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
N/A					2-7/8"	6906'	

31. PERFORATION RECORD (Interval, size and number) 7084-89' (5', 20 holes)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	7084-89'	Acidize w/500 gals 15% HCl acid.
		Frac w/ 49,000 gals Viking 30 + 195,000# 16/30 BS + 50,000# CR-4000 16/30 BS.

33. PRODUCTION

DATE FIRST PRODUCTION 4/23/00	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping, 2-1/2" x 1-3/4" x 25' RHBM	WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 4/29/00	HOURS TESTED 24 hours	CHOKE SIZE 16/64
PROD'N. FOR TEST PERIOD →	OIL - BBL. 212	GAS - MCF. 778
WATER - BBL. 352	GAS - OIL RATIO 3700	
LOW TUBING PRESS. 300	CASING PRESSURE 475	CALCULATED 24-HOUR RATE →
OIL - BBL. 212	GAS - MCF. 778	WATER - BBL. 352
OIL GRAVITY - API (CORR.)		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sales, Lease Use

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
C-102, C-104, Logs

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jami Wilber TITLE Production Clerk DATE 5/2/00

*(See Instructions and Spaces for Additional Data on Reverse Side)

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31006	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 145
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3145'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	31	23 S	30 E		2310	SOUTH	1815	EAST	EDDY

Bottom Hole Location If Different From Surface

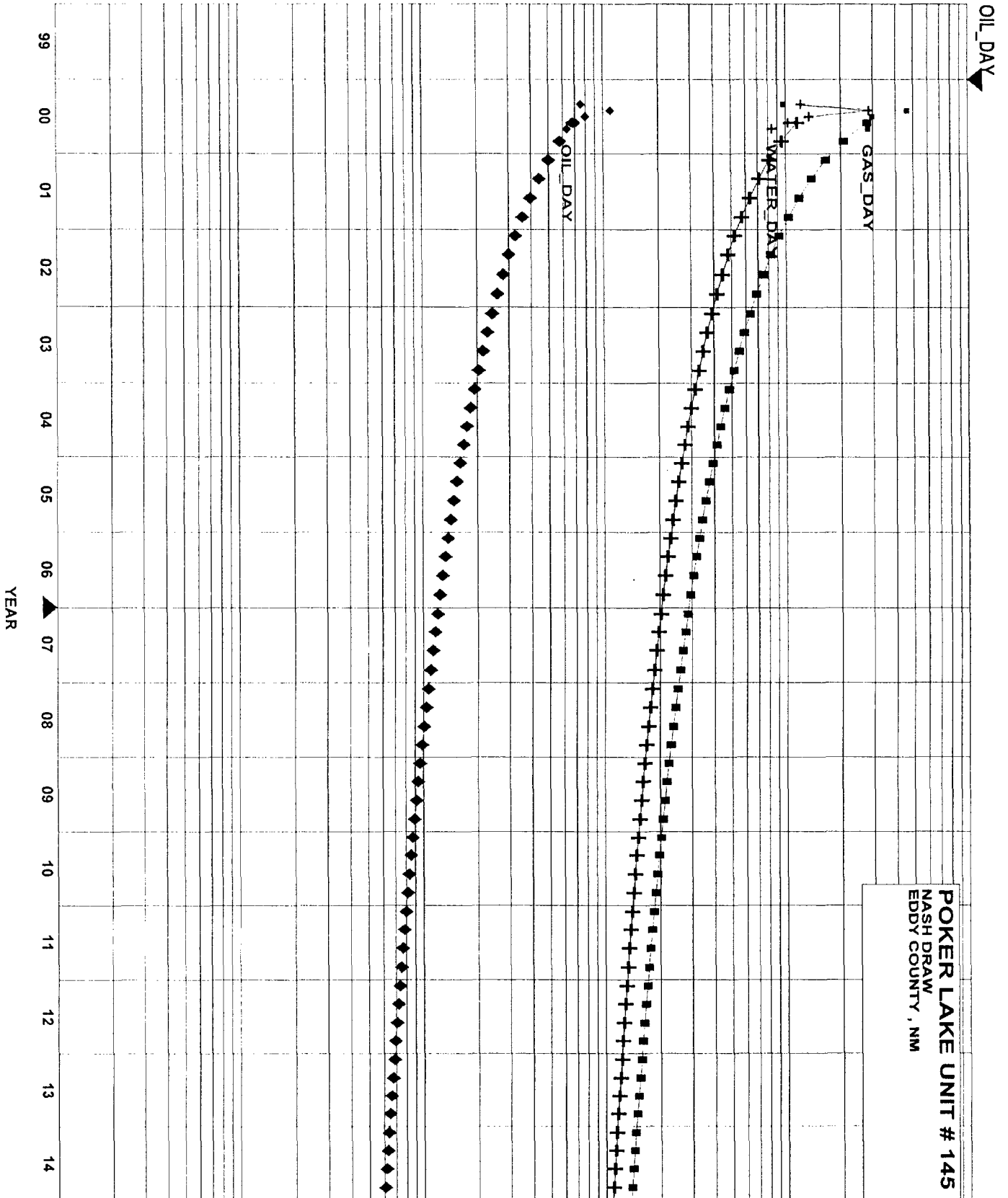
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

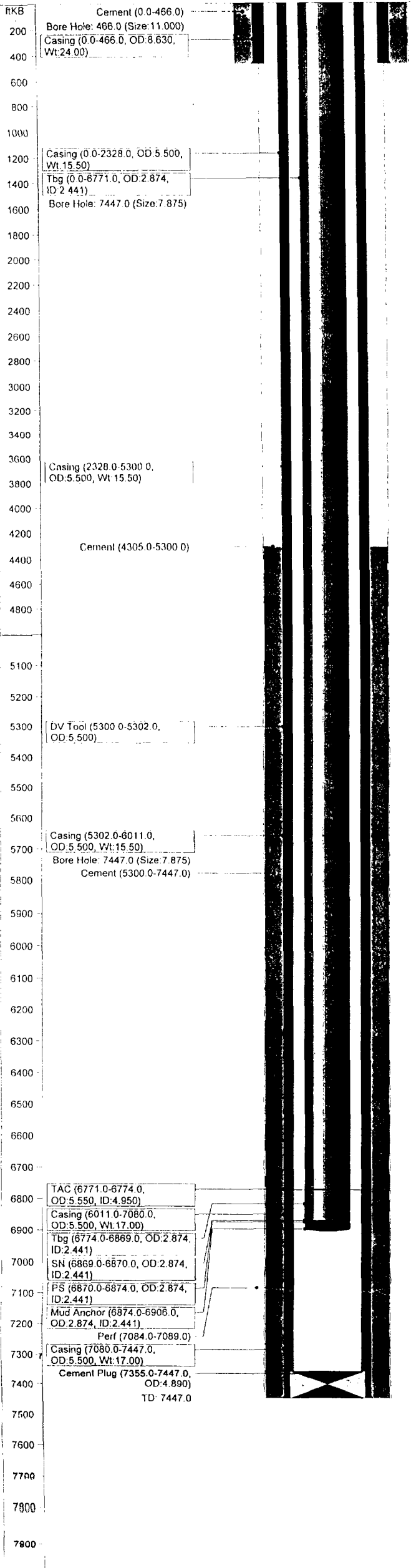
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40	N		

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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Tami Wilber</i> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>5/2/00 Date</p>	
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>December 21, 1999 Date Surveyed</p> <p><i>W. O. Jones</i> Signature & Seal of Professional Surveyor</p> <p>W.O. No. 9246 Certificate No. 7977</p> <p>BASIN SURVEYS</p>	

0.01	0.1	1	10	100	WATER-BWPD
0.01	0.1	1	10	100	MCFPD
0.1	1	10	100	1000	OIL-BOPD





POKER LAKE UNIT #145			
API No.	3001531006	Comments	
TD	7447.0 RKB	Status	ACT OIL
PBTD	7355.0 RKB	Engineer	KAA
Operator	BEPCO	Permit	
Well No.	145	Spud	3/16/2000
ID Code	C%NDDLPC.145	RR	3/28/2000
Field	FORTY-NINER RIDGE (DELAWARE)	Completion	4/20/2000
Author	CDP	Last Act.	
Date Updated	6/8/2000	Abandoned	

Location			
Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	2310.0 ft S
		Top EW Distance	1815.0 ft E
Section	31	Bottom Latitude	0
Unit Ltr.	J	Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft

Elevations			
KB	3162.2 ft	Cas Flng	0.0 ft
Grd	3149.0 ft	Tub Head	0.0 ft
KB-Grd	13.2 ft		

Casing String - Surface Casing										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Casing	3/17/2000	0.0	466.0	12	8.630	8.100	24.00	M80,L8	STC	

Casing String - Production Casing										
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd	
Casing	3/26/2000	0.0	2328.0	54	5.500	4.950	15.50	J55	LTC	
Casing	3/26/2000	2328.0	5300.0	67	5.500	4.950	15.50	K55	LTC	
DV	3/26/2000	5300.0	5302.0		5.500	4.950	0.00			
Tool										
Casing	3/26/2000	5302.0	6011.0	17	5.500	4.950	15.50	K55	LTC	
Casing	3/26/2000	6011.0	7080.0	25	5.500	4.890	17.00	K55	LTC	
Casing	3/26/2000	7080.0	7447.0	10	5.500	4.890	17.00	L80	LTC	

Casing Cement					
Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments
Surface Casing	3/17/2000	0.0	466.0	190	CIRC
Production Casing	3/26/2000	4305.0	5300.0	395	TOC Temp Survey
Production Casing	3/26/2000	5300.0	7447.0	370	

Tubing String - Tubing										
Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd	
Tbg	4/20/2000	0.0	6771.0	214	2.874	2.441	6.40	J55		
TAC	4/20/2000	6771.0	6774.0		5.550	4.950	0.00			
Tbg	4/20/2000	6774.0	6869.0	3	2.874	2.441	6.40	J55		
SN	4/20/2000	6869.0	6870.0		2.874	2.441	0.00			
PS	4/20/2000	6870.0	6874.0		2.874	2.441	0.00			
Mud Anchor	4/20/2000	6874.0	6906.0	1	2.874	2.441	0.00	J55		

Other (plugs, equip., etc.) - Plug Back					
Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID
3/26/2000	Cement Plug	7355.0	7447.0	4.890	0.000

Perforations			
Date	Int	Holes	Status
4/14/2000	7084.0 - 7089.0	4.0	Open

Stimulations & Treatments				
Date	Type	Int	Fluid	Sand
4/17/2000	Acid	7084.0 - 7089.0	500 Gal 15% NEFE HCL	
4/18/2000	Fracture	7084.0 - 7089.0	49,000 Gal Viking 30	195,000# 16/30 Brady 50,000# CR4000

**POKER LAKE UNIT #145
WELL HISTORY**

WELL NAME: Poker Lake Unit #145

FIELD NAME: Nash Draw (Delaware) Field

LOCATION: 2310' FSL & 1815' FEL
Section 31, T23S, R30E
Eddy County, New Mexico

ELEV: 3159 GL; 3145 KB

SPUD DATE: 3/17/2000

COMP DATE: 4/20/2000

ORIG TD: 7447'

ORIG PBTD: 7355'

CASING: 8-5/8" 24# M80, S80, WC50 & K55 ST&C CSG Set @466' w/190 sx, cmt circ, 11" hole 0-466'.
5-12" 15.5# K-55 LT&C 0-6011', 5-1/2" 17# J55 LT&C 6011-7447' w/765sx, TOC (Temp) 4305' 7-7/8" hole 466-7447'.

TUBING: 2-7/8" EUE J-55

CORES & LOGS: 3/26/00 – PLATFORM EXPRESS/LLD
GR-CNL-LDT-PE

INITIAL COMPLETION

4/12/00-4/18/00

Run GR-CCL-CBL, 7349-4000', **PERF** 7084-7089', 5' 20 SHOTS, Spot 500 gal 15% NEFE HCL acid. **FRAC** 7084-89' w/49,000 gals Viking 30 + 195,000# 16/30 Brady sd, + 50,000 16/30 CR-4000, ISIP 890, 5 min 812, 10 min 775, 15 min 745. 24 hr test 212 BO 352 BW 778 MCF.

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #146 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ P _____ UNIT, _____ 660 FEET FROM _____ SOUTH LINE & _____ 810 FEET FROM _____ EAST LINE
 SECTION _____ 31 _____ TOWNSHIP _____ 23 S _____ RANGE _____ 30E _____ COUNTY _____ EDDY _____ NEW MEXICO
 SPUD DATE _____ 4/12/00 _____ COMPLETION DATE _____ 5/13/00 _____ INITIAL PRODUCTION _____ 5/14/00
 PERFORATIONS _____ 7210-15' _____

STIMULATION:

ACID _____ 500 gallons 15% HCL _____

FRACTURE _____ 56,195 gals Viking 30 + 205,226# 16/30 Brady + 46,596# 16/30 CR-4000 _____

POTENTIAL _____ 06/11/00 PMPD 316 BO 614 MCF 192 BW 24 HRS _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	13.1%	
Water saturation (Sw), %	56%	
Net Thickness (h), ft.	49	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,096	
Recovery factor (RF), %	10%	
Recoverable oil, BBLS *(See eq. below)	58,430	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)

Bol = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 8/31/00 ; 19,479 BBLs
 INITIAL RATE (qt) 170
 ECONOMIC LIMIT (qt) 3
 DECLINE RATE, dy Harmonic d = 78.3%
 REMAINING OIL (Q) = 60,821
 ULTIMATE RECOVERABLE OIL (STB) 80,300

(Attach plot showing proration unit and participating area.)

ECONOMIC

WELL COST \$ 519,300 (to the depth of formation completed)

RECOMPLETION COST \$ 0

TOTAL COST 519,300

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-519,300</u>
1	<u>31,000</u>	<u>1,019,000</u>	<u>27,400</u>	<u>889,600</u>
2	<u>15,600</u>	<u>681,900</u>	<u>35,400</u>	<u>535,800</u>
3	<u>8,100</u>	<u>335,400</u>	<u>33,200</u>	<u>226,000</u>
4	<u>5,500</u>	<u>216,800</u>	<u>32,300</u>	<u>124,600</u>
5	<u>4,200</u>	<u>161,100</u>	<u>31,800</u>	<u>78,800</u>
6	<u>3,400</u>	<u>129,300</u>	<u>31,400</u>	<u>53,900</u>
7	<u>2,800</u>	<u>107,900</u>	<u>31,200</u>	<u>38,100</u>
8	<u>2,400</u>	<u>93,400</u>	<u>31,100</u>	<u>27,900</u>
9	<u>2,100</u>	<u>82,300</u>	<u>30,900</u>	<u>20,700</u>
10	<u>1,900</u>	<u>73,500</u>	<u>30,800</u>	<u>15,500</u>
REMAINDER	<u>3,300</u>	<u>127,100</u>	<u>61,500</u>	<u>27,000</u>

WELL IS COMMERCIAL

Date:
Time:
DBS: INDWELLS
Settings: SETDATA
Scenario: cd

I N I T I A L C A L C U L A T E D D A T A										
ITEM NAME	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate		
400 OIL	05/2000 1944 7500 5377 4658 #			34.300	8/2000					
401 START	08/2000									
402 OIL	5275.80 X B/M	71.09 IMU	HAR	85.911	5/2016	97.3	5276.	91.		
403 GAS	05/2000 2426 15126 15461 17194 #			83.220	8/2000					
404 START	08/2000									
405 GAS	14104.00 X M/M	364.30 IMU	B/1.010	397.309	7/2016	77.9	14104.	572.		
406 WTR	05/2000 3400 4023 3441 2790 #			13.654	8/2000					
407 START	08/2000									
408 WTR	3549.80 X B/M	123.50 IMU	B/1.010	123.496	2/2072	81.3	3550.	30.		
409 START	05/2000									
511 PRI/OIL	16.8800 X \$/B	1/95 MM/YY	PC		5/2016		16.880			
512 "	18.39 X \$/B	1/96 AD	PC		5/2016		18.390			
513 "	22.26 X \$/B	1/97 AD	PC		5/2016		22.260			
514 "	20.74 X \$/B	1/98 AD	PC		5/2016		20.740			
515 "	14.43 X \$/B	1/99 AD	PC		5/2016		14.430			
516 "	19.25 X \$/B	1/2000 AD	PC		5/2016		19.250			
517 "	30.01 X \$/B	1/2001 AD	PC		12/2000		30.010			30.010
518 "	31.12 X \$/B	1/2002 AD	PC		12/2001		31.120			31.120
519 "	27.43 X \$/B	1/2003 AD	PC		12/2002		27.430			27.430
520 "	25.41 X \$/B	1/2004 AD	PC		12/2003		25.410			25.410
521 "	23.66 X \$/B	1/2005 AD	PC		12/2004		23.660			23.660
522 "	23.00 X \$/B	1/2006 AD	PC		12/2005		23.000			23.000
523 "	22.49 X \$/B	TO LIFE	PC		5/2016		22.490			22.490
526 PRI/GAS	1.8900 X \$/M	1/95 MM/YY	PC		5/2016		1.890			1.890
527 "	1.94 X \$/M	1/96 AD	PC		5/2016		1.940			1.940
528 "	2.61 X \$/M	1/97 AD	PC		5/2016		2.610			2.610
529 "	2.59 X \$/M	1/98 AD	PC		4/2000		2.590			2.590
530 "	2.11 X \$/M	1/99 AD	PC		4/2000		2.110			2.110
531 "	2.27 X \$/M	1/2000 AD	PC		4/2000		2.270			2.270
532 "	3.72 X \$/M	1/2001 AD	PC		12/2000		3.720			3.720
533 "	4.86 X \$/M	1/2002 AD	PC		12/2001		4.860			4.860
534 "	4.31 X \$/M	1/2003 AD	PC		12/2002		4.310			4.310
535 "	3.97 X \$/M	TO LIFE	PC		5/2016		3.970			3.970
538 PRI/OIL	-0.5000 X \$/B	TO LIFE	PC		5/2016		-0.500			22.490
540 PRI/OIL	0.0000 X \$/B	TO LIFE	PC		5/2016		22.490			22.490
541 PRI/GAS	0.3000 X \$/M	TO LIFE	PC		5/2016		0.300			3.970
543 PRI/GAS	0.0000 X \$/M	TO LIFE	PC		5/2016		3.970			3.970

Item	TO	LIFE	PC	4/2000	2500.000	0.00	4/2000	2500.000	0.002	0.002
600 OPC/T	TO	LIFE	PC	4/2000	2500.00	0.00	4/2000	2500.000	0.002	0.002
601 OPC/WTR	TO	LIFE	PC	4/2000	0.31	0.00	4/2000	0.310	0.071	0.071
602 OPC/T	TO	LIFE	PC	5/2016	0.00	0.00	5/2016	0.079	0.079	0.079
602 ATX	TO	LIFE	PC	4/2000	0.15	0.00	4/2000	0.002	0.002	0.002
603 STX/OIL	TO	LIFE	PC	5/2016	7.08	0.00	5/2016	0.071	0.071	0.071
604 ATX	TO	LIFE	PC	5/2016	0.00	0.00	5/2016	0.071	0.071	0.071
605 STX/GAS	TO	LIFE	PC	5/2016	7.93	0.00	5/2016	0.079	0.079	0.079
705 LSE/WI	TO	LIFE	FLAT	5/2016	100.0000	0.00	5/2016	1.000	1.000	1.000
720 NET/OIL	TO	LIFE	FLAT	5/2016	79.5000	0.00	5/2016	0.795	0.795	0.795
740 NET/GAS	TO	LIFE	FLAT	5/2016	79.5000	0.00	5/2016	0.795	0.795	0.795
780 LSE/NPI	TO	LIFE	FLAT	5/2016	0.0000	0.00	5/2016	1.000	1.000	1.000

OVERLAYS	Scheduling Rates	Schedule Until	Procedure	Ultimate	Last	Eff. Decl	Init. Rate	Final Rate
900 OIL	05/2000 1944 7500 5377 4658 #			34.300	8/2000			
901 GAS	05/2000 2426 15126 15461 17194 #			83.220	8/2000			
902 WTR	05/2000 3400 4023 3441 2790 #			13.654	8/2000			

INVESTMENT	Tangibles & Intangibles	Time	Procedure	Total T&I	Month	Risk Inv.	Tot. T&I&R	Esc. T&I&R
800 DRILL	138.00	05/2000 AD	PC	519.300	5/2000	0	519.3	519.3
801 SALV	-20.00	TO	PC	-20.000	5/2016	0	-20.0	-20.0

MISC. PARAMETERS	Item
201 CUMO, MB	14.82
250 LOSS	NO

PROJECT RUN SETTINGS

Base Date : 05/2000 Time Frames : 8,48*12,616

P.W. Date : 05/2000 Primary PW# : 10.0 Discount Freq. : MO

Report Date : 05/2000

Qualifiers : Prod = CD Price = CD Cost = CD Owner = CD

Title = DEFAULT Misc = CD Invest = CD Overlay = CD

NET/WTR WI

DATE : 10/18/2000
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 05/2000

PERIOD ENDING 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 12/2009 S TOT AFTER 11.7 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 519.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 519.3 -20.0 499.3
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 499.3 499.3

OIL PHASE

8) GROSS OIL, MB 31.0 15.6 8.1 5.5 4.2 3.4 2.8 2.4 2.1 1.9 77.0 3.3 80.3
 9) NET OIL, MB 24.6 12.4 6.4 4.4 3.3 2.7 2.2 1.9 1.7 1.5 61.2 2.6 63.8
 10) OIL REVENUE, M\$ 726.2 379.9 173.4 109.1 77.0 60.3 49.3 42.4 37.2 33.2 1688.1 57.2 1745.3
 11) OIL PRICE, \$/B 29.51 30.62 26.93 24.91 23.16 22.50 21.99 21.99 21.99 21.99 27.58 21.99 27.35

GAS PHASE

12) GROSS GAS, MMF 91.6 73.6 44.2 31.7 24.8 20.3 17.3 15.0 13.3 11.9 343.7 20.6 364.3
 13) NET GAS, MMF 72.8 58.5 35.1 25.2 19.7 16.2 13.7 11.9 10.5 9.4 273.2 16.4 289.6
 14) GAS REVENUE, M\$ 292.8 302.0 162.0 107.7 84.1 69.1 58.6 50.9 45.0 40.3 1212.5 70.0 1282.5
 15) GAS PRICE, \$/MCF 4.020 5.160 4.610 4.270 4.270 4.270 4.270 4.270 4.270 4.270 4.438 4.270 4.428

ECONOMICS, M\$

19) GROSS REV. TO INTR. 1019.0 681.9 335.4 216.8 161.1 129.3 107.9 93.4 82.3 73.5 2900.6 127.1 3027.7
 20) - SEV. TAX 74.6 50.8 25.1 16.3 12.1 9.7 8.1 7.0 6.2 5.5 215.7 9.6 225.3
 21) - AD VALOREM TAX 1.4 0.9 0.5 0.3 0.2 0.2 0.1 0.1 0.1 0.1 4.0 0.2 4.2
 22) - OPERATING COSTS 27.4 35.4 33.2 32.3 31.8 31.4 31.2 31.1 30.9 30.8 315.5 61.5 377.0
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 915.6 594.7 276.6 168.0 117.0 88.0 68.4 55.1 45.0 37.0 2365.4 55.9 2421.3
 29) - INVESTMENTS & RSK 519.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 519.3 -20.0 499.3
 30) = BFIT NET 396.3 594.7 276.6 168.0 117.0 88.0 68.4 55.1 45.0 37.0 1846.1 75.9 1922.0

PRESENT WORTH @ 10.00 %

31) NET INCOME 889.6 535.8 226.0 124.6 78.8 53.9 38.1 27.9 20.7 15.5 2010.8 20.4 2031.2
 32) INVESTMENTS & RISK 519.3 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 519.3 -6.6 512.7
 33) BFIT NET 370.3 535.8 226.0 124.6 78.8 53.9 38.1 27.9 20.7 15.5 1491.5 27.0 1518.5
 34) CUM BFIT NET 370.3 906.1 1132.1 1256.6 1335.5 1389.4 1427.5 1455.4 1476.1 1491.5 1491.5 1518.5 1518.5

DATE : 10/18/2000
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

AFTER TAX ECONOMICS

AS OF DATE: 05/2000

11.7 YR

PERIOD ENDING	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	12/2009	S TOT	AFTER	TOTAL
TAX TREATMENT OF INVESTMENTS, M\$													
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	381.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	381.3	0.0	381.3
3) DEPRECIABLE	138.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	138.0	-20.0	118.0
TAX CALCULATIONS, M\$													
4) GROSS REV. TO INTR.	1019.0	681.9	335.4	216.8	161.1	129.3	107.9	93.4	82.3	73.5	2900.6	127.1	3027.7
5) - SEVERANCE TAX	74.6	50.8	25.1	16.3	12.1	9.7	8.1	7.0	6.2	5.5	215.7	9.6	225.3
6) - OPR. COSTS & AITX	28.8	36.4	33.7	32.6	32.0	31.6	31.4	31.2	31.1	30.9	319.6	61.6	381.2
7) - MPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + MPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	41.4	29.0	20.3	14.2	9.9	7.0	4.9	3.4	2.4	1.7	134.1	3.9	138.0
12) = NET	874.2	565.7	256.4	153.8	107.0	81.0	63.5	51.7	42.6	35.4	2231.3	52.0	2283.3
13) - DEPLETION TAKEN	147.0	74.1	38.5	26.2	19.9	16.0	13.4	11.5	10.1	9.0	365.8	15.5	381.3
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	727.2	491.6	217.9	127.6	87.2	65.0	50.1	40.2	32.5	26.3	1865.5	36.5	1902.0
16) + TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = P.I.T.	247.2	167.1	74.1	43.4	29.6	22.1	17.0	13.7	11.0	9.0	634.3	12.4	646.7
19) REVENUE-SW	944.4	631.1	310.3	200.5	149.0	119.6	99.8	86.3	76.0	68.0	2684.9	117.5	2802.5
20) - OPR. COSTS & AITX	28.8	36.4	33.7	32.6	32.0	31.6	31.4	31.2	31.1	30.9	319.6	61.6	381.2
21) - MPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + MPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - P.I.T.	247.2	167.1	74.1	43.4	29.6	22.1	17.0	13.7	11.0	9.0	634.3	12.4	646.7
24) = A.F.I.T.	668.4	427.6	202.6	124.6	87.3	65.9	51.4	41.5	34.0	28.1	1731.1	43.5	1774.6
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	668.4	427.6	202.6	124.6	87.3	65.9	51.4	41.5	34.0	28.1	1731.1	43.5	1774.6
28) - INVESTMENTS & RSK	519.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	519.3	-20.0	499.3
29) = A.F.I.T. NET	149.1	427.6	202.6	124.6	87.3	65.9	51.4	41.5	34.0	28.1	1211.8	63.5	1275.3
PRESENT WORTH @ 10.00 %													
30) NET INCOME	647.5	382.6	164.8	92.1	58.7	40.2	28.5	20.9	15.6	11.7	1462.7	15.8	1478.5
31) INVESTMENTS & RISK	519.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	519.3	-6.6	512.7
32) A.F.I.T. NET	128.2	382.6	164.8	92.1	58.7	40.2	28.5	20.9	15.6	11.7	943.4	22.4	965.8
33) CUM. A.F.I.T. NET	128.2	510.7	675.5	767.6	826.3	866.6	895.1	916.1	931.7	943.4	943.4	965.8	965.8

1482 POKER LAKE UNIT # 146 P
 DATE : 10/18/2000
 TIME :
 DBS : INDWELLS
 SETTINGS : SETDATA
 SCENARIO : cd

E C O N O M I C I N D I C A T O R S

AS OF DATE: 05/2000

B.F.I.T. A.F.I.T.
 WORTH WORTH
 M\$----- M\$-----

PRESENT WORTH PROFILE AND
 RATE-OF-RETURN VS. BONDS TABLE

0.	1921.994	1275.316	1932.297
5.	1692.345	1098.889	1577.491
10.	1518.548	965.814	1334.587
15.	1382.294	861.713	1157.512
20.	1272.292	777.781	1022.187
25.	1181.303	708.403	914.928
30.	1104.512	649.863	827.438
35.	1038.611	599.619	754.413
40.	981.260	555.878	692.312
50.	885.835	483.045	591.772
60.	809.109	424.411	513.279
70.	745.655	375.857	449.829
80.	692.028	334.769	397.183
90.	645.921	299.401	352.601
100.	605.725	268.531	314.230

RATE OF RETURN, PCT.	100.0	100.0	
UNDISCOUNTED PAYOUT, YRS.	0.38	0.52	
DISCOUNTED PAYOUT, YRS.	0.39	0.53	
UNDISCOUNTED NET/INVEST.	4.85	3.55	
DISCOUNTED NET/INVEST.	3.96	2.88	

NOTES

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

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
DISTRICT IV
2040 South Pacheco, Santa Fe, NM 87508

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-31007	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 146
GRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3202'

Surface Location

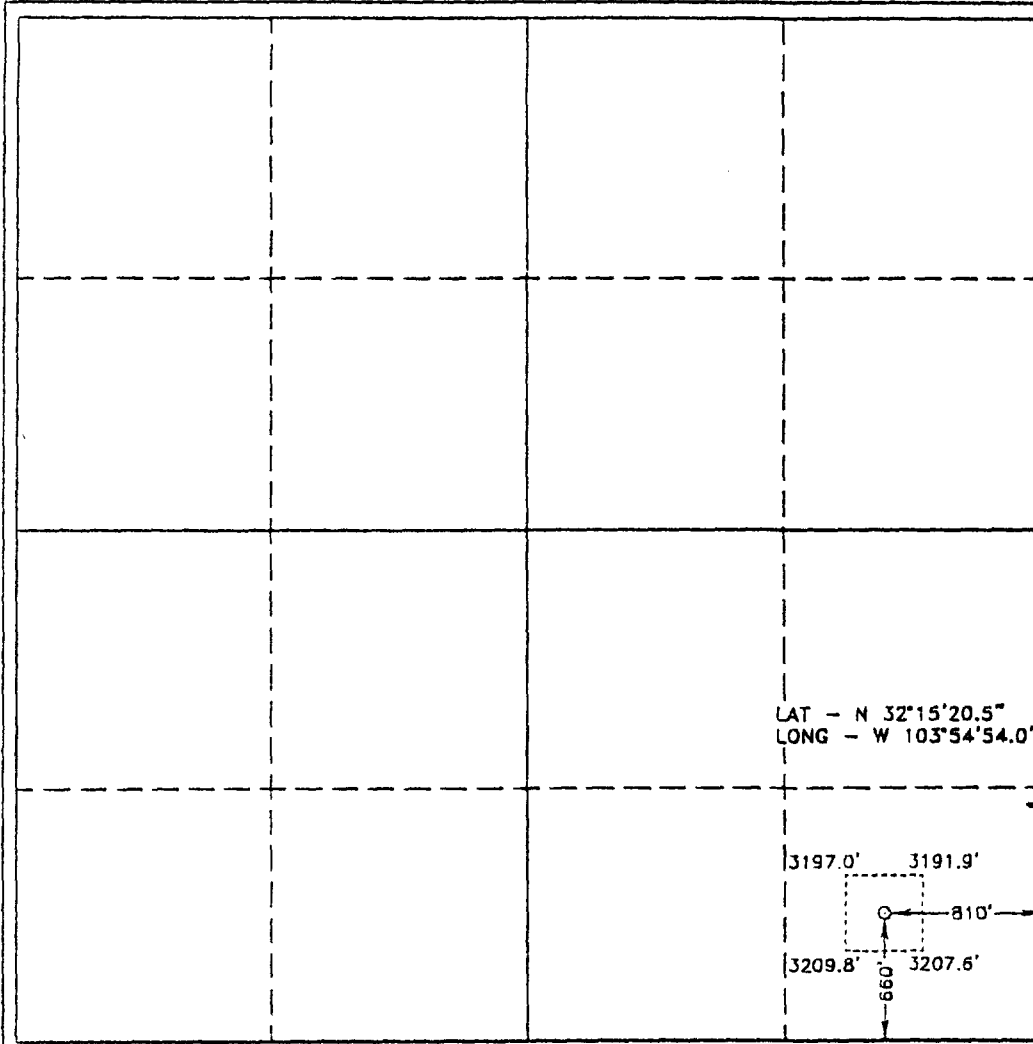
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	31	23 S	30 E		660	SOUTH	810	EAST	EDDY

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.

Tami Wilber
Signature

Tami Wilber
Printed Name

Production Clerk
Title

6/14/00
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.

January 04, 2000
Date Surveyed

[Signature]
Signature of State of Professional Surveyor

7977
W.O. No. 9468A
Certification No. 7977

BASIN SURVEYS

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE*

(See construction reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM 02864	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Poker Lake Unit	
2. NAME OF OPERATOR Bass Enterprises Production Co.		7. UNIT AGREEMENT NAME Poker Lake Unit #146	
3. ADDRESS AND TELEPHONE NO. P.O. Box 2760, Midland, TX 79702-2760		8. MINOR OR LEASE NAME, WELL NO. BEPKO - WTD PRODUCTION #146	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 810' FEL Unit Letter P At top prod. interval reported below Same At total depth Same		9. API WELL NO. 30-015-31007 S1	
CONFIDENTIAL		10. FIELD AND POOL, OR WILDCAT Nash Draw (Delaware)	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 31, T23S-R30E	
14. PERMIT NO.		12. COUNTY OR PARISH Eddy	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPUDDED 4/12/00	16. DATE T.D. REACHED 4/22/00	17. DATE COMPL. (Ready to prod.) 5/13/00	18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 3293.4' GL. 3307.2' KB
19. ELEV. CASINGHEAD -	20. TOTAL DEPTH, MD & TVD 7400'		
21. PLUG BACK T.D., MD & TVD 7314'	22. IF MULTIPLE COMPLETIONS, HOW MANY	23. INTERVALS DRILLED BY →	ROTARY TOOLS Yes
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 7210-15' Delaware			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN CN-LD-GR			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24#	535'	11"
5-1/2"	17#, 15.5#	7400'	7-7/8"
TOP OF CEMENT, CEMENTING RECORD		AMOUNT PULLED	
220 sx, Surface		N/A	
665 sx, 3165' TS		N/A	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
N/A			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	7028'	6990' SN	
31. PERFORATION RECORD (Interval, size and number) 7210-15' (5', 20 holes) Perf w/ 4" GG loaded w/19 gram GOEX charges, 4 JSPF w/0 degree phasing		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED 7210-15' Frac w/ 56,195 qals Viking-30 + 204,226# 16/30 Brady + 46,596# CR-4000	
33.* PRODUCTION			
DATE FIRST PRODUCTION 5/14/00	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) Pumping 10-1/2 x 120 x 1-3/4		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 6/11/00	HOURS TESTED 24	CHOKE SIZE 12/64"	PROD'N. FOR TEST PERIOD →
OIL - BBL. 316	GAS - MCF. 614	WATER - BBL. 192	GAS - OIL RATIO 1955
FLOW TUBING PRESS. 275	CASING PRESSURE 500	CALCULATED 24-HOUR RATE →	OIL GRAVITY - API (CORR.)
OIL - BBL. 316	GAS - MCF. 614	WATER - BBL. 192	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sales, Lease Use			TEST WITNESSED BY
35. LIST OF ATTACHMENTS Logs, C-104, C-102, Inclination Survey			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Jami Wilder</u>		TITLE <u>Production Clerk</u>	
		DATE <u>6/14/00</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

**POKER LAKE UNIT #146
WELL HISTORY**

WELL NAME: Poker Lake Unit #146

FIELD NAME: Forty Niner Ridge (Delaware) SW

LOCATION: 660' FSL & 810' FEL
Section 31, T23S, R30E
Eddy County, New Mexico

ELEV: 3202' GL; 3215' KB

SPUD DATE: 4/12/2000; RR – 4/24/2000

COMP DATE: 5/10/2000

ORIG TD: 7400'

ORIG PBTD: 7314'

CASING: 8-5/8" 24# M80, S80, WC50, M80, & J55 ST&C CSG Set @535' w/220sx, cmt circ, 11" hole 0-535'.
5-12" 15.5# K-55 & J55 LT&C 0-5988', 5-1/2" 17# K55 & L80 LT&C 5988-7400' w/665sx, TOC (Temp) 3165' 7-7/8" hole 535-7400'.

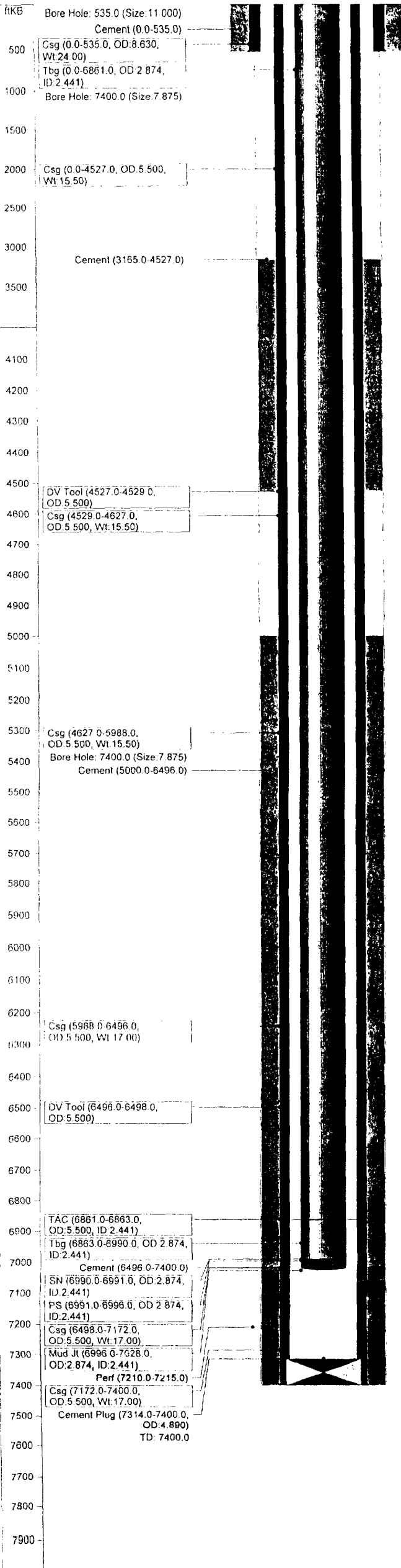
TUBING: 2-7/8" EUE J-55

CORES & LOGS: 4/22/2000 – PLATFORM EXPRESS

INITIAL COMPLETION

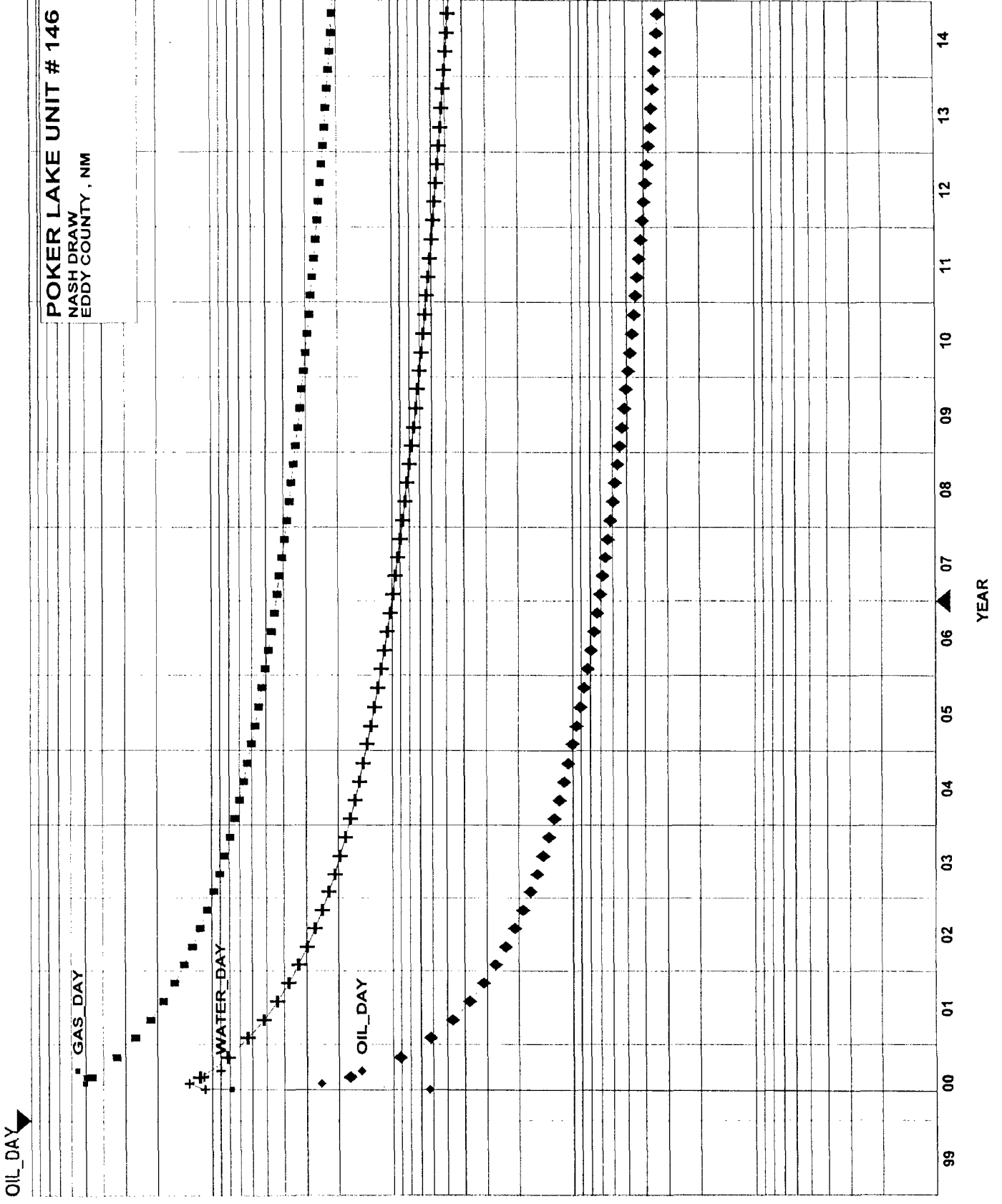
5/8/2000-6/8/2000

PERF 7210-7215', 20 SHOTS, Spot 500 gal 15% HCL acid. **FRAC** 7210-15' w/56,195 gals Viking 30 + 205,226# 16/30 Brady sd, + 46,596 16/30 CR-4000, ISIP 927, 5 min 846, 10 min 796, 15 min 771. RIH W/ TBG, RODS, & PMP. EOT @7028'. Had scale build up, **treat** w/ 33 bbls Petro Sol X25, 25 bbls 2% KCL FW w/ 110 gal Escudero S601 & 150 bbls 2% KCL. 6/11/2000 24 hr test 316 BO 192 BW 614 MCF.



POKER LAKE UNIT #146									
API No.	3001531007			Comments	ACT OIL				
TD	7400.0 ftKB			Status	KAA				
PBTD	7314.0 ftKB			Engineer					
Operator	BEPCO			Permit					
Well No.	146			Spud	4/12/2000				
ID Code	C%NDDLPC.146			RR	4/24/2000				
Field	FORTY NINER RIDGE (DELWARE) SW			Completion	5/10/2000				
Author	CDP			Last Act.	Abandoned				
Date Updated	6/12/2000								
Location									
Township	23S			Top Latitude	0				
Range	303			Top Longitude	0				
Section	31			Top NS Distance	660.0 ft S				
Unit Ltr.				Top EW Distance	660.0 ft E				
State	EDDY			Bottom Latitude	0				
County	NM			Bottom Longitude	0				
				Btm NS Distance	0.0 ft				
				Btm EW Distance	0.0 ft				
Elevations									
KB	3203.1 ft			Cas Flng	0.0 ft				
Grd	3217.1 ft			Tub Head	0.0 ft				
KB-Grd	-14.0 ft								
Casing String - Surface Casing									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	4/13/2000	0.0	535.0	14	8.630	8.100	24.00	WC50	STC
Casing String - Production Casing									
Des	Date	Top (ftKB)	Btm (ftKB)	Jts	OD	ID	Wt	Grd	Thd
Csg	4/24/2000	0.0	4527.0	104	5.500	4.950	15.50	K55	LTC
DV Tool	4/24/2000	4527.0	4529.0		5.500	4.950	0.00		
Csg	4/24/2000	4529.0	4627.0	2	5.500	4.950	15.50	K55	LTC
Csg	4/24/2000	4627.0	5988.0	31	5.500	4.950	15.50	J55	LTC
Csg	4/24/2000	5988.0	6496.0	12	5.500	4.890	17.00	L80	LTC
DV Tool	4/24/2000	6496.0	6498.0		5.500	4.890	0.00		
Csg	4/24/2000	6498.0	7172.0	18	5.500	4.890	17.00	K55	LTC
Csg	4/24/2000	7172.0	7400.0	3	5.500	4.890	17.00	L80	LTC
Csg	4/24/2000	7400.0	0.0		5.500	4.890	17.00	L80	LTC
Casing Cement									
Casing String	Date	Top (ftKB)	Btm (ftKB)	Amt (sx)	Comments				
Surface Casing	4/13/2000	0.0	535.0	220					
Production Casing	4/24/2000	3165.0	4527.0	245	TOC 3165' Temp Surv				
Production Casing	4/24/2000	5000.0	6496.0	250	TOC EST.				
Production Casing	4/24/2000	6496.0	7400.0	170					
Tubing String - Tubing									
Des	Date	Top (ftKB)	Bottom (ftKB)	Jts	OD (in)	ID (in)	Wt	Grd	Thd
Tbg	5/31/2000	0.0	6861.0	216	2.874	2.441	6.50	J55	
TAC	5/31/2000	6861.0	6863.0		5.500	2.441	0.00		
Tbg	5/31/2000	6863.0	6990.0	4	2.874	2.441	6.50	J55	
SN	5/31/2000	6990.0	6991.0		2.874	2.441	0.00		
PS	5/31/2000	6991.0	6996.0		2.874	2.441	0.00		
Mud Jt	5/31/2000	6996.0	7028.0	1	2.874	2.441	6.50	J55	
Other (plugs, equip., etc.) - Plug Back									
Date	Item	Top (ftKB)	Bottom (ftKB)	OD	ID				
4/24/2000	Cement Plug	7314.0	7400.0	4.890	0.000				
Perforations									
Date	Int	Holes	Status						
5/10/2000	7210.0 - 7215.0	20.0	Open						
Stimulations & Treatments									
Date	Type	Int	Fluid	Sand					
5/11/2000	Fracture	7210.0 - 7215.0	56,195 Gal Viking 30	205,226# 16/30 Brady 46,596# CR4000					

POKER LAKE UNIT # 146
 NASH DRAW
 EDDY COUNTY, NM



OIL_DAY
 WATER-BWPD
 MCFPD
 OIL-BOPD

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

OCT 25 2000

October 23, 2000

EXPRESS MAIL/
Return Receipt Requested

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attention: Mr. Ed L. Roberson

Attention: Ms. Lori Wrotenberry

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: Amended 2000 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits an Amended Plan of Development for the Poker Lake Unit for the year 2000. This amendment is being filed specifically for the addition of the following proposed wells:

FUTURE DEVELOPMENT

Poker Lake Unit No. 154 - This well will be drilled at a legal location being 1,980' FSL & 660' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600 to test the Delaware - Lower Brushy Canyon Formation.

Poker Lake Unit No. 155 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600' to test the Delaware - Lower Brushy Canyon Formation.

Poker Lake Unit No. 156 - This well will be drilled at a legal location being 660' FSL & 1,980' FEL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,670' to test the Delaware-Lower Brushy Canyon Formation.

Poker Lake Unit No. 157 - This well will be drilled at a legal location being 660' FSL & 660' FEL Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,600' to test the Delaware-Lower Brushy Canyon Formation.

Plan of Development – PLU – 2000

October 23, 2000

Page 2

Poker Lake Unit No. 158 - This well will be drilled at a legal location being 660' FNL & 660' FEL Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,680' to test the Delaware - Lower Brushy Canyon Formation.

Poker Lake Unit No. 159 - This well will be drilled at a legal location being 860' FNL & 1,980' FEL, Section 7, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,620' to test the Delaware - Lower Brushy Canyon Formation.

Poker Lake Unit No. 160 - This well will be drilled at a legal location being 1,980' FSL & 1,980' FWL, Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,470' to test the Delaware - Lower Brushy Canyon.

Poker Lake Unit No. 161 - This well will be drilled at a legal location being 660' FSL & 1,980' FWL, Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,540' to test the Delaware - Lower Brushy Canyon Formation.

Poker Lake Unit No. 162 - This well will be drilled at a legal location being 660' FNL & 1,980' FWL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware-Lower Brushy Canyon Formation.

Poker Lake Unit No. 163 – This well will be drilled at a legal location being 1,980' FNL & 2,310' FWL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,580' to test the Delaware – Lower Brushy Canyon Formation.

Poker Lake Unit No. 164 – This well will be drilled at a legal location being 1,980' FSL & 1,980' FWL, Section 6, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,550' to test the Delaware – Lower Brushy Canyon Formation.

Poker Lake Unit No. 165 – This well will be drilled at a legal location being 460' FSL & 460' FWL, Section 32, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,710' to test the Delaware- Lower Brushy Canyon Formation.

Poker Lake Unit No. 166 – This well will be drilled at a legal location being 660' FNL & 660' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,710' to test the Delaware – Lower Brushy Canyon Formation.

Poker Lake Unit No. 167 – This well will be drilled at a legal location being 1,980' FNL & 660' FWL, Section 5, T24S-R30E, Eddy County, New Mexico to a proposed depth of 7,700' to test the Delaware – Lower Brushy Canyon Formation.


Poker Lake Unit No. 168 – This well will be drilled at a legal location being 1,730' FSL & 660' FWL, Section 5, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,730' to test the Delaware – Lower Brushy Canyon Formation.

EFFECTIVE DATE

This Amended Plan of Development shall become effective on October 23, 2000.

If this Amended Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 27th day of October, 2000.

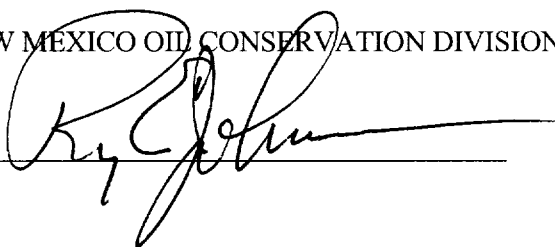
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

October 20, 2000

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Roy Johnson

Attention: Mr. John Simitz

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: First Revision Delaware "C" Participating Area
W/2 NW/4 Section 32, T23S-R30E
W/2 SW/4 Section 32, T23S-R30E
SE/4 Section 31, T23S-R30E
E/2 SW/4 Section 31, T23S-R30E
W/2 NW/4 Section 5, T24S-R30E
NE/4 Section 6, T24S-R30E
E/2 NW/4 Section 6, T24S-R30E
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the First Revision to the Participating Area for the Delaware "C" Formation in the Poker Lake Unit consisting of 720 acres containing the above tracts more specifically described on the attached Exhibit "A".

In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed First Revision for the Delaware "C" Formation.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Delaware "C" Formation with the percentage of participation of each lease or tract indicated thereon.

October 20, 2000
Page 2

This proposed participating area revision is predicated upon the knowledge and information first obtained upon the completion of Unit Well No. 144 located in the NE/4 SE/4 of Section 31, T23S-R30E on November 1, 1999. It should be noted that the area in the proposed revised area set forth above contains unit well Nos. 144, 145 and 146, all of which have been previously determined as capable of producing in commercial quantities. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the First Revision to the Delaware "C" Participating Area to be effective November 1, 1999. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2000

BUREAU OF LAND MANAGEMENT

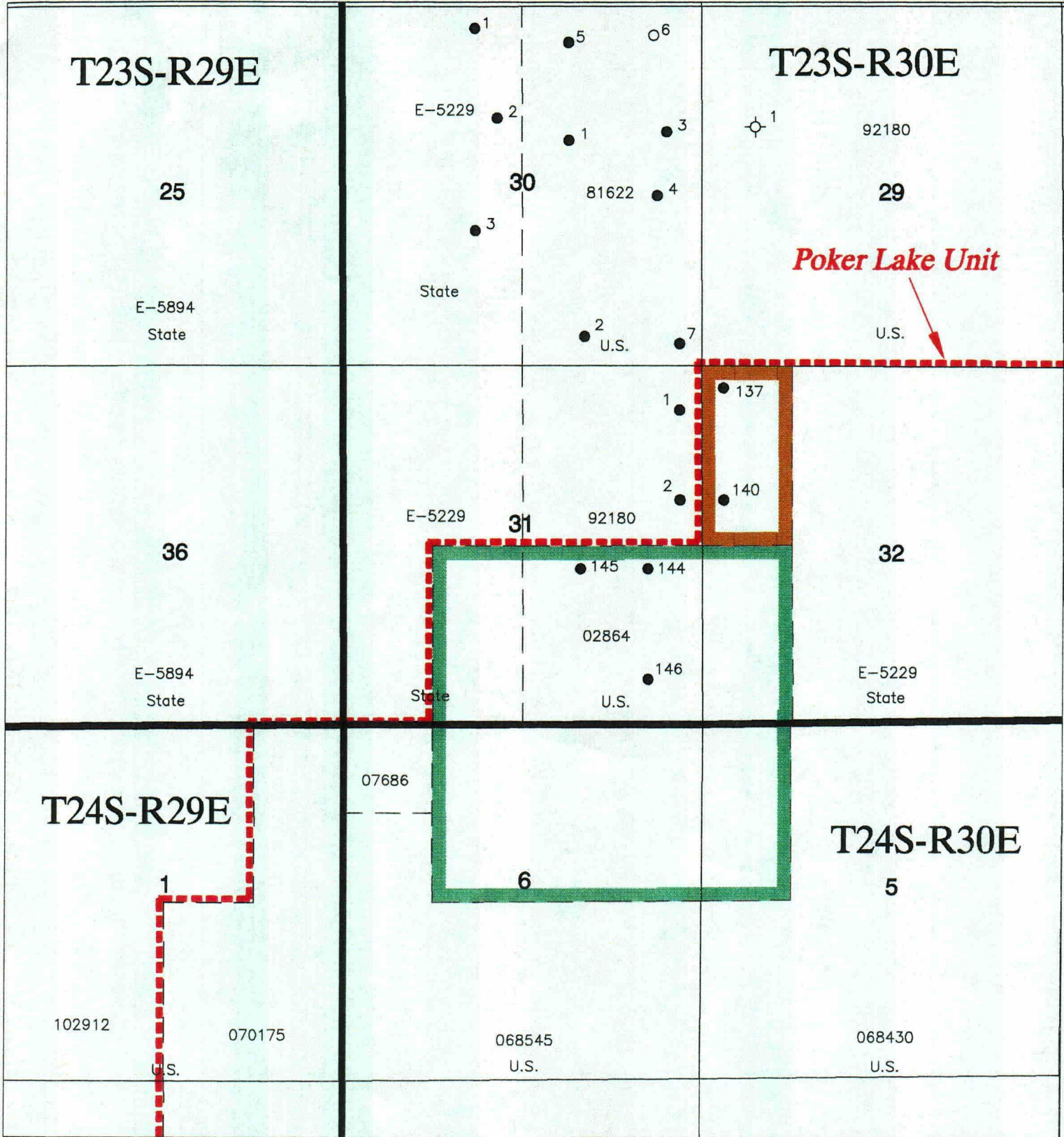
By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____



Poker Lake Unit

LEGEND



Initial Delaware "C" Participating Area - (9-9-97) 80 Acres



First Revision to Initial Delaware "C" Participating Area - (11-1-99) 720 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

EXHIBIT "A"

DATE:	9-25-00	SCALE:	1" = 2000'
DEPT:	Land	Inter. by:	W. Carlin
		File:	PA-dlwr c-1rev.dwg
		DRAFTED BY:	P. Ortiz

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

October 20, 2000

Bureau of Land Management
Department of Interior
P. O. Box 1397
Roswell, New Mexico 88201

Attention: Mr. John Simitz

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
P. O. Box 2088
Santa Fe, New Mexico 87504

Attention: Mr. Roy Johnson

NOV 13 2000

Re: Initial Delaware "C" Participating Area
W/2 NW/4 Section 32, T23S-R30E
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

Bass Enterprises Production Co., as Unit Operator of the Poker Lake Unit Agreement, pursuant to the provisions of Section 11 thereof, respectfully submits for your approval the selection of the following described lands to comprise the Initial Participating Area for the Delaware "C" Formation:


W/2 NW/4 Section 32, T23S-R30E containing 80.00 acres of land.

In support of this application the following numbered items are attached hereto and made a part hereof:

1. An ownership map (Exhibit "A") depicting the boundaries of the proposed initial participating area for the Delaware "C" Formation.
2. A schedule (Exhibit "B") identifying the lands entitled to participation in the unitized substances produced from the Delaware "C" Formation with the percentage of participation of each lease or tract indicated thereon.

This proposed initial participating area is predicated upon the knowledge and information first obtained upon the recompletion of Unit Well No. 137 (located in the NW/4 NW/4 of Section 32, T23S-R30E) on September 9, 1997. It should be noted that the No. 137 Well has been previously determined as capable of producing in commercial quantities. Therefore, Bass respectfully requests your approval of the hereinabove selection of lands to constitute the Initial Delaware "C" Participating Area to be effective September 9, 1997. Thank you very much for your cooperation in this regard and should you require additional information concerning same, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

ACCEPTED AND AGREED this _____ day of _____, 2000

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: _____

T23S-R29E

25

E-5894
State

T23S-R30E

92180

29

Poker Lake Unit

U.S.

E-5229

State

2
U.S.

30

81622

7

36

E-5894
State

E-5229

State

31

92180

145

144

02864

146
U.S.

32

E-5229
State

T24S-R29E

07686

6

T24S-R30E

5

102912

070175

U.S.

068545

U.S.

068430

U.S.

LEGEND



Initial Delaware "C"
Participating Area - (9-9-97) 80 Acres



Bass Enterprises Production Co.

POKER LAKE UNIT
Eddy County, New Mexico

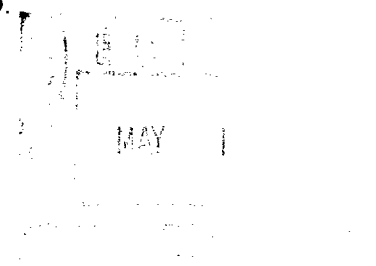
EXHIBIT "A"

DATE:	9-25-00	SCALE:	1" = 2000'
DEPT.:	Land	Inter. by:	W. Carlin
File:	PA-dlwr c-initial.dwg	DRAFTED BY:	P. Ortiz

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

August 26, 2000



**EXPRESS MAIL/
Return Receipt Requested**

Bureau of Land Management
2909 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Ed L. Roberson

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attention: Ms. Lori Wrotenberry

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

Re: 2000 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 2000.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

1999 ACTIVITY

Poker Lake Unit No. 144 – This well was drilled at a location being 2,310' FSL, 810' FEL, Section 31, T23S-R30E, Eddy County, New Mexico. This well was completed in the Delaware Formation as an oil well in the interval between 7,182' – 7,187'.

PARTICIPATING AREAS

Bass Enterprises Production Co. has submitted all wells drilled to date where adequate information is available for commercial determination and participating areas. In the event you have not received commercial determination for the wells that have been drilled and completed and are currently producing, please advise at your convenience and we will submit same to you.

FUTURE DEVELOPMENT

Poker Lake Unit Well No. 145 – This well will be drilled at a legal location being 2,310' FSL, 1,815' FEL, Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth 7,420' to test the Delaware Formation.

Poker Lake Unit Well No. 146 – This well will be drilled at a legal location being 660' FSL, 810' FEL, Section 31, T23S-R30E, Eddy County, New Mexico to a proposed depth of 7,490' to test the Delaware Formation.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands covered by the Poker Lake Unit Agreement or pursuant to applicable regulations.

MODIFICATIONS

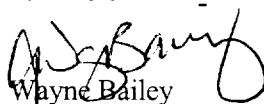
In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

EFFECTIVE DATE

This Plan of Development shall become effective on January 1, 2000.

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 4th day of May, 2000.

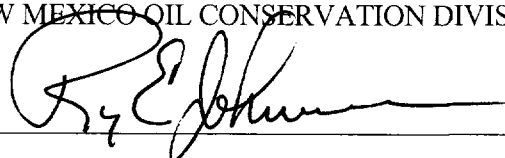
BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By: 

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

June 7, 2000

FEDERAL EXPRESS

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504


Attention: Roy Johnson

Re: Commercial Determinations
Poker Lake Unit Nos. 137, 140 & 144
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determinations for the three (3) referenced wells indicating that all three wells are commercial producers. None of the subject wells are located in the vicinity of an existing Delaware participating area; therefore Bass will, in the near future submit a participating area for review by the BLM which will include the above three wells and additional wells which have been very recently completed in the Delaware. Should you be in agreement that the above wells are commercial producers, please sign one (1) copy of this letter in the space provided below and return same to the undersigned at your earliest convenience. Should you have any questions or comments in regard to the attached determinations, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this _____ day of _____, 2000

NEW MEXICO OIL CONSERVATION DIVISION

By: _____

Its: _____

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #144 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ I _____ UNIT, _____ 2310 FEET FROM _____ SOUTH LINE & _____ 810 FEET FROM _____ EAST LINE
 SECTION _____ 31 _____ TOWNSHIP _____ 23 S _____ RANGE _____ 30E _____ COUNTY _____ EDDY _____, NEW MEXICO
 SPUD DATE _____ 10/22/99 _____ COMPLETION DATE _____ 11/15/99 _____ INITIAL PRODUCTION _____ 12/6/99
 PERFORATIONS _____ 7182-87' _____

STIMULATION:

ACID _____ 500 Gals 15% HCL _____

FRACTURE _____ 52,000 Gals SFG-2500 w/ 194,000# 16/30 Brady Sd + 61,000# 16/30 RCS _____

POTENTIAL _____ 12/8/99 287 BO 136 MCF 130 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.3%	
Water saturation (Sw), %	60%	
Net Thickness (h), ft.	55	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,470	
Recovery factor (RF), %	10%	
Recoverable oil, BBLs *(See eq. below)	55,982	

* Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 4/1/00 ; 16147 BBLs
 INITIAL RATE (qi) 97
 ECONOMIC LIMIT (qi) 3
 DECLINE RATE, dy Harmonic d = 64.5%
 REMAINING GAS (Q) = 54,553
 ULTIMATE RECOVERABLE OIL (STB) 70,700

(Attach plot showing proration unit and participating area.)

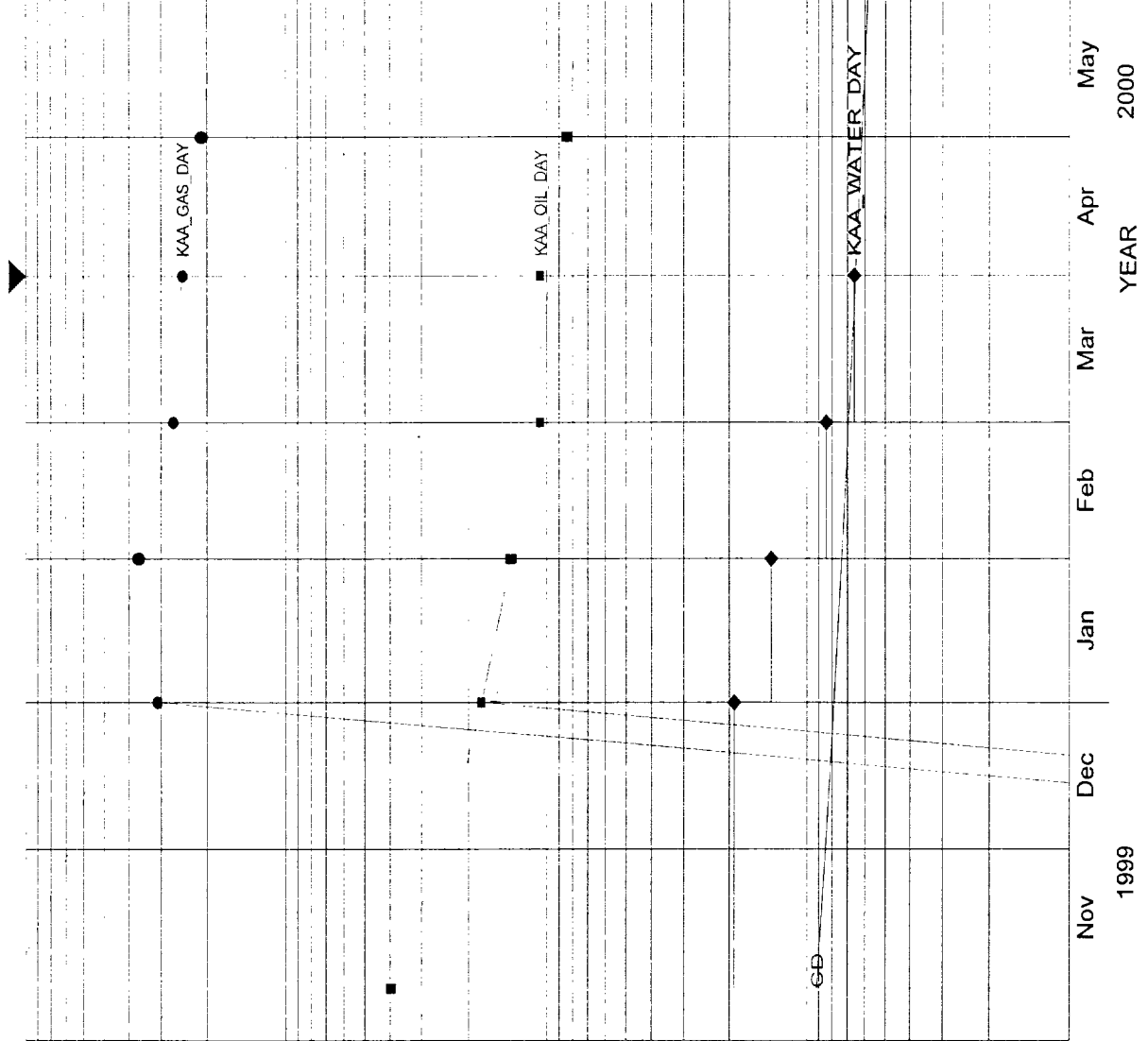
ECONOMIC

WELL COST \$ 490,400 (to the depth of formation completed)
 RECOMPLETION COST \$ 0
 TOTAL COST 490,400

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-490,400</u>
1	<u>5,600</u>	<u>102,500</u>	<u>9,300</u>	<u>83,900</u>
2	<u>27,300</u>	<u>766,200</u>	<u>37,200</u>	<u>632,700</u>
3	<u>11,100</u>	<u>260,400</u>	<u>3,400</u>	<u>176,400</u>
4	<u>7,000</u>	<u>141,600</u>	<u>32,900</u>	<u>76,000</u>
5	<u>5,100</u>	<u>92,500</u>	<u>32,300</u>	<u>37,500</u>
6	<u>4,100</u>	<u>69,700</u>	<u>31,900</u>	<u>20,900</u>
7	<u>3,400</u>	<u>55,500</u>	<u>31,600</u>	<u>11,500</u>
8	<u>2,900</u>	<u>46,200</u>	<u>31,400</u>	<u>6,100</u>
9	<u>2,500</u>	<u>39,500</u>	<u>31,200</u>	<u>2,600</u>
10	<u>1,700</u>	<u>26,300</u>	<u>23,300</u>	<u>9,000</u>
REMAINDER	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

WELL IS COMMERCIAL

POKER LAKE UNIT # 144
 NASH DRAW
 EDDY COUNTY, NM



OIL-BOPD 1000
 GAS-MCFD 100
 WATER-BWPD 10000

Series	1999	2000
CD	4/2000	4/2000
Qual	16147	36383
Ref	67815	91666
Cum	83962	128049
EUR	17.333	17.332
Rem	97.0	248.0
Yrs	64.514072	0.000000
Qref	1.000000	0.000000
De	3.0	0.0
b	3.0	0.0
Qab	3.0	0.0
CD	4/2000	4/2000
Qual	14711	14711
Ref	87903	87903
Cum	102614	102614
EUR	17.083	17.083
Rem	65.2	65.2
Yrs	40.905652	40.905652
Qref	1.010000	1.010000
De	5.2	5.2
b	5.2	5.2
Qab	5.2	5.2

I N P U T D A T A		C A L C U L A T E D D A T A				
ITEM	SCHEDULING RATES	PROCEDURE	ULTIMATE	LAST EFF. DECL	INIT. RATE	FINAL RATE
400 OIL	10/1999 0 0 5559 4200 3087 3301 #		32.294	3/2000		
401 START	04/2000					
402 OIL	2951.00 X B/M 67.82 IMU	HAR	83.962	8/2017	83.7	2951. 91.
403 GAS	10/1999 0 0 9615 11263 7816 7689 #		72.766	3/2000		
404 START	04/2000					
405 GAS/OIL	2.56 0.03 M/B TO LIFE LOG TIME			8/2017		
406 WTR	10/1999 0 0 5943 4278 2444 2046 #		14.711	3/2000		
407 START	04/2000					
408 WTR	1981.90 X B/M 87.90 IMU	B/1.010	87.903	4/2017	50.0	1982. 157.
409 START	10/1999					
511 PRI/OIL	16.8800 X \$/B 1/95 MM/YY	PC		8/2017		16.880
512 "	18.39 X \$/B 1/96 AD	PC		8/2017		18.390
513 "	22.26 X \$/B 1/97 AD	PC		8/2017		22.260
514 "	20.74 X \$/B 1/98 AD	PC		8/2017		20.740
515 "	14.43 X \$/B 1/99 AD	PC		9/1999		14.430
516 "	19.25 X \$/B 1/2000 AD	PC		12/1999		19.250
517 "	27.14 X \$/B 1/2001 AD	PC		12/2000		27.140
518 "	23.56 X \$/B 1/2002 AD	PC		12/2001		23.560
519 "	21.28 X \$/B 1/2003 AD	PC		12/2002		21.280
520 "	19.50 X \$/B 1/2004 AD	PC		12/2003		19.500
521 "	19.25 X \$/B 1/2005 AD	PC		12/2004		19.250
522 "	19.10 X \$/B TO LIFE	PC		8/2017		19.100
523 PRI/GAS	1.8900 X \$/M 1/95 MM/YY	PC		8/2017		1.890
524 "	1.94 X \$/M 1/96 AD	PC		8/2017		1.940
525 "	2.61 X \$/M 1/97 AD	PC		9/1999		2.610
526 "	2.59 X \$/M 1/98 AD	PC		9/1999		2.590
527 "	2.11 X \$/M 1/99 AD	PC		9/1999		2.110
528 "	2.27 X \$/M 1/2000 AD	PC		12/1999		2.270
529 "	3.25 X \$/M 1/2001 AD	PC		12/2000		3.250
530 "	3.09 X \$/M 1/2002 AD	PC		12/2001		3.090
531 "	2.81 X \$/M 1/2003 AD	PC		12/2002		2.810
532 "	2.84 X \$/M 1/2050 AD	PC		8/2017		2.840
533 PRI/OIL	-0.5000 X \$/B TO LIFE	PC		8/2017		19.100
534 PRI/GAS	0.3000 X \$/M TO LIFE	PC		8/2017		2.840
600 OPC/T	2500.00 \$/M TO LIFE	PC		9/1999		2500.000
601 OPC/WTR	0.31 X \$/U TO LIFE	PC		9/1999		0.310
602 STX/OIL	7.08 X % TO LIFE	PC		8/2017		0.071
604 STX/GAS	7.93 X % TO LIFE	PC		8/2017		0.079

605	ATX	0.15	0.15	%	0.15	%	FLAT	0.00	8/2017	0.002	0.002
705	LSE/WI	100.0000	D	%	0.00	0.00	FLAT	0.00	8/2017	1.000	1.000
720	NET/OIL	79.5000	D	%	0.00	0.00	FLAT	0.00	8/2017	0.795	0.795
740	NET/GAS	79.5000	D	%	0.00	0.00	FLAT	0.00	8/2017	0.795	0.795
780	LSE/NPI	0.0000	D	%	0.00	0.00	FLAT	0.00	8/2017		

OVERLAYS	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
900 OIL	10/1999 0 0 5559 4200 3087 3301 #			32.294	3/2000			
901 GAS	10/1999 0 0 9615 11263 7816 7689 #			72.766	3/2000			
902 WTR	10/1999 0 0 5943 4278 2444 2046 #			14.711	3/2000			

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
800 DRILL	124.90	365.50 M\$G	PC	490.400	10/1999	0	490.4	490.4
801 SALV	-20.00	0.00 M\$G	PC	-20.000	8/2017	0	-20.0	-20.0

RESERVE PARAMETERS	ITEM
201 CUMO, MB	16.15
250 LOSS	NO
	CUMG, MME
	36.38

PROJECT ASSUMPTIONS

BASE DATE : 10/1999 TIME FRAMES : 3,48*12,621
P.W. DATE : 10/1999 PW &-AGE : 10.0 DISC. FREQUENCY : MO
REPORT DATE : 10/1999 PROD QUAL : CD OWNER QUAL : CD OTHER QUAL : NONE
NET/WTR WI

R E S E R V E S A N D E C O N O M I C S

AS OF DATE: 10/1999

PERIOD ENDING 12/1999 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 12/2007 12/2008 9.0 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
2) REVENUE INTEREST, % 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500 79.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
4) EQUITY INVESTMENTS 490.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 -20.0 470.4 0.0
5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 470.4 0.0

OIL PHASE

8) GROSS OIL, MB 5.6 27.3 11.1 7.0 5.1 4.1 3.4 2.9 2.5 1.7 70.7
9) NET OIL, MB 4.4 21.7 8.8 5.6 4.1 3.2 2.7 2.3 2.0 1.3 56.2
10) OIL REVENUE, M\$ 82.9 579.0 203.6 116.1 77.8 60.6 49.7 42.4 36.9 24.9 1273.9
11) OIL PRICE, \$/B 18.75 26.64 23.06 20.78 19.00 18.75 18.60 18.60 18.60 18.60 22.68

GAS PHASE

12) GROSS GAS, MMF 9.6 66.3 21.1 10.3 5.9 3.6 2.3 1.5 1.0 0.6 122.4
13) NET GAS, MMF 7.6 52.7 16.8 8.2 4.7 2.9 1.9 1.2 0.8 0.5 97.3
14) GAS REVENUE, M\$ 19.6 187.2 56.8 25.6 14.7 9.0 5.8 3.9 2.6 1.4 326.7
15) GAS PRICE, \$/MCF 2.570 3.550 3.390 3.110 3.140 3.140 3.140 3.140 3.140 3.140 3.358

ECONOMICS, M\$

19) GROSS REV. TO INTR. 102.5 766.2 260.4 141.6 92.5 69.7 55.5 46.2 39.5 26.3 1600.6
20) - SEV. TAX 7.4 55.8 18.9 10.2 6.7 5.0 4.0 3.3 2.8 1.9 116.1
21) - AD VALOREM TAX 0.1 1.1 0.4 0.2 0.1 0.1 0.1 0.1 0.1 0.0 2.2
22) - OPERATING COSTS 9.3 37.2 34.0 32.9 32.3 31.9 31.6 31.4 31.2 23.3 295.2
23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
28) = NET INCOME 85.6 672.2 207.1 98.3 53.4 32.7 19.9 11.5 5.4 1.0 1187.1
29) - INVESTMENTS & RSK 490.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 -20.0 470.4
30) = BFIT NET -404.8 672.2 207.1 98.3 53.4 32.7 19.9 11.5 5.4 21.0 716.7

PRESENT WORTH @ 10.00 %

31) NET INCOME 83.9 632.7 176.4 76.0 37.5 20.9 11.5 6.1 2.6 0.5 1048.0
32) INVESTMENTS & RISK 490.4 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 -8.5 481.9
33) BFIT NET -406.5 632.7 176.4 76.0 37.5 20.9 11.5 6.1 2.6 9.0 566.1
34) CUM BFIT NET -406.5 226.2 402.6 478.5 516.0 536.9 548.5 554.5 557.1 566.1 566.1

AFTER TAX ECONOMICS

AS OF DATE: 10/1999

PERIOD ENDING	12/1999	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	12/2007	12/2008	9.0 YR TOTAL
TAX TREATMENT OF INVESTMENTS, M\$											
1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	365.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	365.5
3) DEPRECIABLE	124.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20.0	104.9
TAX CALCULATIONS, M\$											
4) GROSS REV. TO INTR.	102.5	766.2	260.4	141.6	92.5	69.7	55.5	46.2	39.5	26.3	1600.6
5) - SEVERANCE TAX	7.4	55.8	18.9	10.2	6.7	5.0	4.0	3.3	2.8	1.9	116.1
6) - OPR. COSTS & ATX	9.5	38.2	34.4	33.1	32.4	32.0	31.7	31.5	31.3	23.4	297.4
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	37.5	26.2	18.4	12.9	9.0	6.3	4.4	3.1	2.2	5.0	124.9
12) = NET	48.1	645.9	188.8	85.4	44.4	26.4	15.5	8.4	3.3	-4.0	1062.2
13) - DEPLETION TAKEN	28.8	141.4	57.5	36.3	26.6	21.0	17.4	14.8	12.9	8.7	365.5
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	19.4	504.5	131.3	49.1	17.8	5.3	-1.9	-6.4	-9.6	-12.7	696.7
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	6.6	171.5	44.6	16.7	6.0	1.8	-0.7	-2.2	-3.3	-4.3	236.9
19) REVENUE-SEV	95.1	710.4	241.5	131.4	85.8	64.7	51.6	42.9	36.7	24.4	1484.5
20) - OPR. COSTS & ATX	9.5	38.2	34.4	33.1	32.4	32.0	31.7	31.5	31.3	23.4	297.4
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	6.6	171.5	44.6	16.7	6.0	1.8	-0.7	-2.2	-3.3	-4.3	236.9
24) = A.F.I.T.	79.0	500.6	162.5	81.6	47.4	30.9	20.5	13.7	8.7	5.4	950.2
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	79.0	500.6	162.5	81.6	47.4	30.9	20.5	13.7	8.7	5.4	950.2
28) - INVESTMENTS & RSK	490.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-20.0	470.4
29) = A.F.I.T. NET	-411.4	500.6	162.5	81.6	47.4	30.9	20.5	13.7	8.7	25.4	479.8
PRESENT WORTH @ 10.00 %											
30) NET INCOME	78.1	466.1	137.5	62.8	33.1	19.6	11.9	7.2	4.2	2.4	822.8
31) INVESTMENTS & RISK	490.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	-8.5	481.9
32) A.F.I.T. NET	-412.3	466.1	137.5	62.8	33.1	19.6	11.9	7.2	4.2	10.9	340.9
33) CUM. A.F.I.T. NET	-412.3	53.8	191.3	254.1	287.2	306.8	318.7	325.9	330.0	340.9	340.9

E C O N O M I C I N D I C A T O R S

AS OF DATE: 10/1999

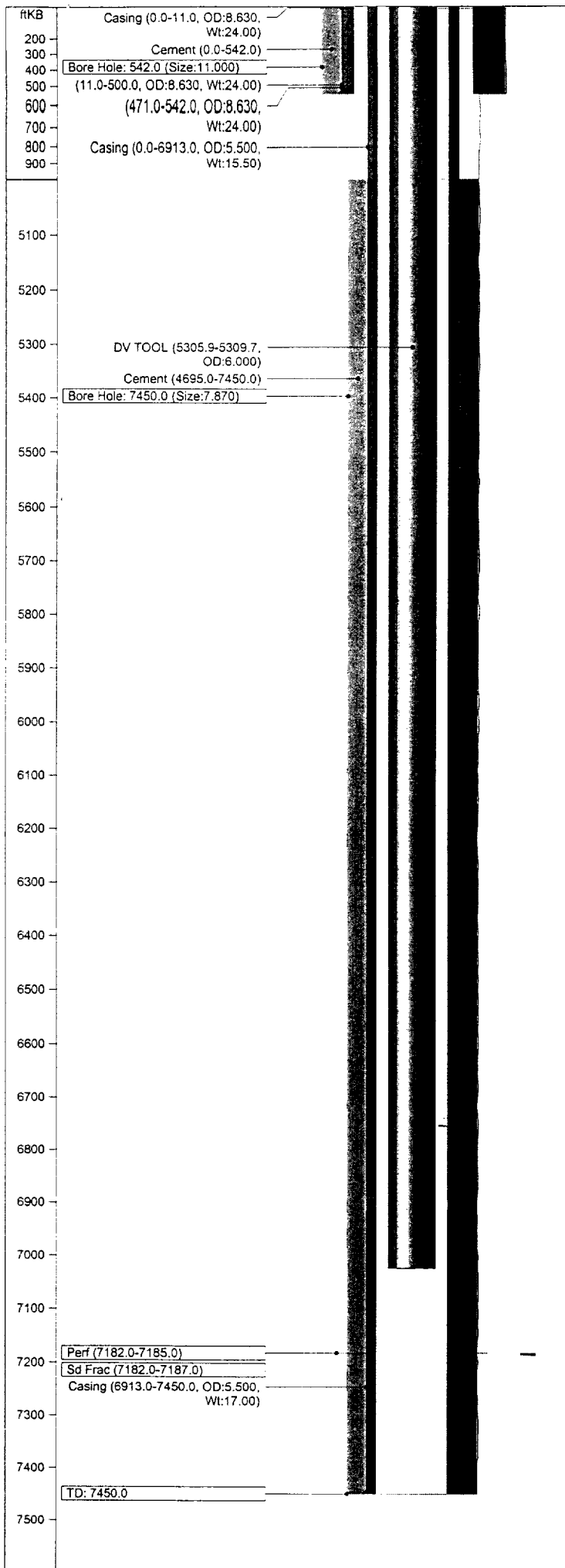
B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
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PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

0.	716.671	479.803	726.974
5.	634.036	402.994	578.938
10.	566.139	340.938	470.809
15.	509.156	289.585	387.914
20.	460.487	246.236	321.988
25.	418.309	209.033	268.040
30.	381.305	176.659	222.881
35.	348.502	148.155	184.379
40.	319.166	122.809	151.056
50.	268.743	79.545	95.995
60.	226.781	43.806	52.084
70.	191.164	13.647	16.033
80.	160.453	-12.235	-14.231
90.	133.625	-34.752	-40.084
100.	109.936	-54.564	-62.484

RATE OF RETURN, PCT.	100.0	75.3
UNDISCOUNTED PAYOUT, YRS.	0.85	1.07
DISCOUNTED PAYOUT, YRS.	0.89	1.13
UNDISCOUNTED NET/INVEST.	2.52	2.02
DISCOUNTED NET/INVEST.	2.17	1.71

NOTES



POKER LAKE UNIT #144							
API No.	3001530541	Status					
TD	7450.0 ftKB	Engineer	KA				
PBTD	7450.0 ftKB						
Operator	BEPCO	Permit	12/15/1998				
Well No.	144	Spud	10/26/1999				
ID Code		RR	11/7/1999				
Field		Completion					
Author	MAC	Last Act.					
Date Updated	11/9/99	Abandoned					
Comments							
Location							
Township	23S	Top Latitude	0				
		Top Longitude	0				
Range	30E	Top NS Distance	2310.0 ft S				
		Top EW Distance	810.0 ft E				
Section	31	Bottom Latitude	0				
Unit Ltr.		Bottom Longitude	0				
State	NM	Btm NS Distance	0.0 ft				
County	EDDY	Btm EW Distance	0.0 ft				
Elevations							
KB	3189.4 ft	Cas Flng	3175.5 ft				
Grd	3176.4 ft	Tub Head	3177.6 ft				
KB-Grd	13.0 ft						
Bore Hole Data							
	Depth (ftKB)		Size (in)				
	542.0		11.000				
	7450.0		7.870				
Casing String - Surface Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	
8.630 in Casing	11.0	1	8.100	24.00	M-80	STC	
8.630 in	500.0	11	8.100	24.00	J-55	STC	
8.630 in	542.0	1	8.100	24.00	M-80	STC	
Casing String - Production Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	
5.500 in Casing	6913.0	159	4.950	15.50	K-55	LTC	
5.500 in Casing	7450.0	14	4.890	17.00	J-55	LTC	
Casing Cement							
Casing String	Top (ftKB)	Amount (sx)	Comments				
Surface Casing	0.0	250					
Production Casing	4695.0	1875	Circ 164 sx off DV Tool TOC by TS				
Tubing String - Untitled							
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd
2.875 in Tbg	0.0	7025.0		0.000	4.60	J55	
Other (plugs, equip., etc.) - DV TOOL							
Date	Item	Int (ftKB)					
11/6/1999	DV TOOL	5305.9 - 5309.7					
Perforations							
Date	Int	Zone	Shots (/ft)	Type			
11/15/1999	7182.0 - 7185.0		4.0	Jet			
Stimulations & Treatments							
Date	Type	Fluid	Int	Sand	Comments		
1/16/1999	Sd Frac	52,000 gal SFG-2500	7182.0 - 7187.0	194,000# 16/30 Brady, 61,000# 16/30 CR4000			

**POKER LAKE UNIT #144
WELL HISTORY**

WELL NAME: Poker Lake Unit #144

FIELD NAME: Nash Draw (Delaware) Field

LOCATION: 2310' FSL & 810' FEL
Section 31, T23S, R30E
Eddy County, New Mexico

ELEV: 3176.4 GL; 3189.4 KB

SPUD DATE: 10/22/99

COMP DATE: 12/4/99

ORIG TD: 7450'

ORIG PBTD: 7364'

CASING: 8-5/8" 24# M80 & J55 ST&C CSA Set @542' w/250 sx, cmt circ, 11" hole 0-542'.
5-12" 15.5# K-55 LT&C 0-6913', 5-1/2" 17# J55 LT&C 6913-7450' w/1875sx, TOC (Temp) 4695' 7-7/8" hole 542-7450'.

TUBING: 2-7/8" EUE J-55

CORES & LOGS: 11/5/99 – PLATFORM EXPRESS/HALS
GR-CNL-LDT-PE

INITIAL COMPLETION

11/15/99-12/6/99

Spot 500 gal 15% HGL, **PERF** 7182-87', 5' 20 SHOTS, **FRAC** 7182-87' w/52,000 gal SFG-2500 + 194,000# 16/30 Brady sd, + 61,000 16/30 CR-4000, ISIP 788, 5 min 627, 10 min 568, 15 min 537. 24 hr test 229 BO 303 BW 0 MCF.

DISTRICT I
P.O. Box 1960, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102

Revised February 10, 1994

Instruction on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

CONFIDENTIAL

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-30541	Pool Code	Pool Name Forty Niner Ridge (Del), SW
Property Code	Property Name POKER LAKE UNIT	Well Number 144
OGRID No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3177'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	31	23 S	30 E		2310	SOUTH	810	EAST	EDDY

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	Joint or Infill	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami Wilber</u> Signature</p> <p>Tami Wilber Printed Name</p> <p>Production Clerk Title</p> <p>12/9/99 Date</p>
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>July 27, 1999 Date Surveyed</p> <p><u>GARY S. JONES</u> Signature Professional Surveyor</p>
	<p>Certificate No. Gary S. Jones 7977</p> <p>PROFESSIONAL LAND SURVEYOR</p>

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See instructions on reverse side)

OPERATOR'S COPY

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Bass Enterprises Production Co.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 2760, Midland, TX 79702-2760 (915) 683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 2310' FSL & 810' FEL, Unit Letter I
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.
NM 02864

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
-

7. UNIT AGREEMENT NAME
Poker Lake Unit

8. FARM OR LEASE NAME, WELL NO.
Poker Lake Unit 144

9. API WELL NO.
30-015-30541 S1

10. FIELD AND POOL, OR WILDCAT
Forty-Niner Ridge (Del), SW

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 31, T23S-R30E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

CONFIDENTIAL

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUDDED: 10/25/99

16. DATE T.D. REACHED: 11/6/99

17. DATE COMPL. (Ready to prod.): 12/3/99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*
3176.4' GL; 3189.4' KB;

19. ELEV. CASINGHEAD
-

20. TOTAL DEPTH, MD & TVD: 7450'

21. PLUG, BACK T.D., MD & TVD
-

22. IF MULTIPLE COMPL. HOW MANY*
ACCEPTED

23. INTERVALS DRILLED BY
RD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
7182-87' (Delaware)

25. WAS DIRECTIONAL SURVEY MADE
Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24#	542'	11"	147'; 190 sx Class C	- - -
5-1/2"	17#, 15.5#	7450'	7-7/8"	4695' TS; 1875 sx Class C	- - -

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7025'	7025' SN

31. PERFORATION RECORD (Interval, size and number)
7182-87'
Perf'd w/ 4" casing gun loaded w/ 19 gram GOEX charges @ 0 degree phased. (5', 20 shots)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7182-87'	Frac w/ 52,000 gals SFG-2500 + 194,000# 16/30 Brady + 61,000# 16/30 CF-4000

33.* - PRODUCTION

DATE FIRST PRODUCTION: 12/6/99

PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump): Pumping 10 x 120" x 1.5"

WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL	GAS - MCF.	WATER - BBL	GAS - OIL RATIO
12/8/99	24 hours	10/64		287	136	130	473

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.)
400	300		287	136	130	42.4

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.): Sold

TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
Logs, C-104, C-102

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED: Jami Wilber
TITLE: Production Clerk
DATE: 12/9/99

*(See Instructions and Spaces for Additional Data on Reverse Side)

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #140 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ H _____ UNIT, _____ 1980 _____ FEET FROM _____ NORTH _____ LINE & _____ 330 _____ FEET FROM _____ WEST _____ LINE
 SECTION _____ 32 _____ TOWNSHIP _____ 23S _____, RANGE _____ 30E _____, COUNTY _____ EDDY _____, NEW MEXICO
 SPUD DATE _____ 11/14/97 _____ COMPLETION DATE _____ 12/11/97 _____ INITIAL PRODUCTION _____ 12/19/97 _____
 PERFORATIONS _____ 7212-20' _____

STIMULATION:

ACID _____ 250 Gals 15% HCL _____

FRACTURE _____ 42,500 Gals SFG 2500 w/ 200,000# 16/30 Brady Sd 50,000# CR4000 16/30 RCS _____

POTENTIAL _____ 12/30/97 179 BO 201 MCF 71 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.8%	
Water saturation (Sw), %	60%	
Net Thickness (h), ft.	50	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,101	
Recovery factor (RF), %	10%	
Recoverable oil, BBLS *(See eq. below)	52,961	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>4/1/00</u> ; <u>48,235</u> BBLs
INITIAL RATE (qi)	<u>39</u>
ECONOMIC LIMIT (ql)	<u>3</u>
DECLINE RATE, dy	<u>Harmonic d = 21.9%</u>
REMAINING OIL (Q) =	<u>111,365</u>
ULTIMATE RECOVERABLE OIL (STB)	<u>159,600</u>

(Attach plot showing proration unit and participating area.)

ECONOMIC

WELL COST \$	<u>614,600</u> (to the depth of formation completed)
RECOMPLETION COST \$	<u>0</u>
TOTAL COST \$	<u>614,600</u>

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-614,600</u>
1	<u>2,600</u>	<u>53,300</u>	<u>2,800</u>	<u>46,300</u>
2	<u>26,700</u>	<u>453,600</u>	<u>39,100</u>	<u>362,300</u>
3	<u>15,400</u>	<u>358,200</u>	<u>39,600</u>	<u>251,200</u>
4	<u>13,200</u>	<u>435,800</u>	<u>40,100</u>	<u>284,600</u>
5	<u>10,600</u>	<u>310,900</u>	<u>40,200</u>	<u>176,200</u>
6	<u>8,800</u>	<u>234,900</u>	<u>39,700</u>	<u>114,900</u>
7	<u>7,500</u>	<u>190,500</u>	<u>39,200</u>	<u>80,600</u>
8	<u>6,500</u>	<u>165,400</u>	<u>38,800</u>	<u>61,100</u>
9	<u>5,800</u>	<u>-146,500</u>	<u>38,300</u>	<u>47,200</u>
10	<u>5,200</u>	<u>132,000</u>	<u>37,900</u>	<u>37,200</u>
REMAINDER	<u>57,200</u>	<u>1,463,000</u>	<u>759,000</u>	<u>151,400</u>

WELL IS COMMERCIAL

WATER-BWPD

GAS-MCFD

OIL-BOPD

1000

100

1000

100

10

100

10

1

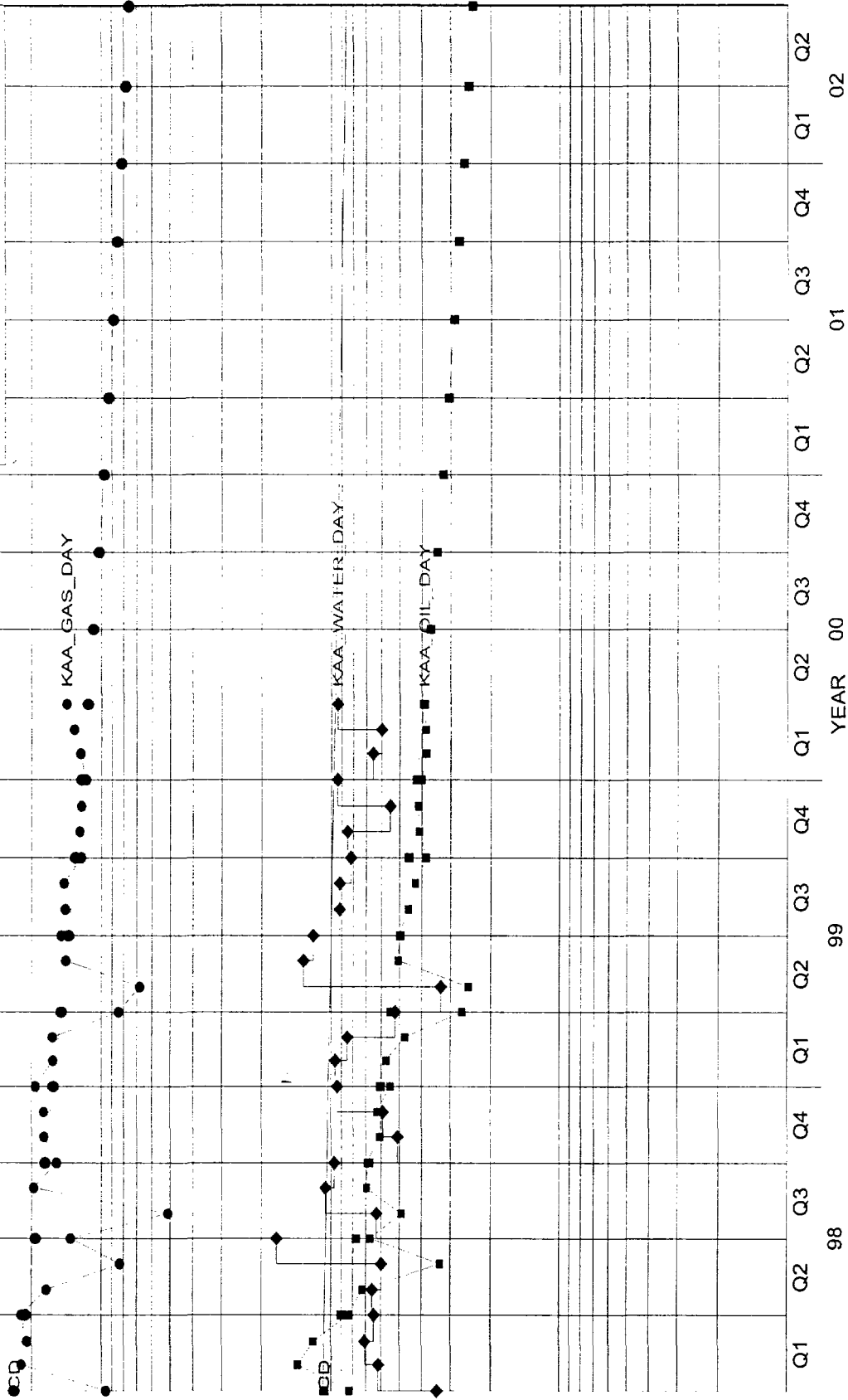
10

1

0.1

1

POKER LAKE UNIT # 140
NASH DRAW
EDDY COUNTY, NM



Series	CD	Qual	Ref	Cum	EUR	Rem	Yrs	Oref	De	b	Qab
KAAS OIL_DAY	4/2000	48235	116768	165003	33.087	39.2	21.930542	1.010000	3.0		
KAAS GAS_DAY	4/2000	122425	360169	482594	27.917	114.5	18.744452	1.010000	13.4		
KAAS WATER_DAY	4/2000	68087	559453	627540	33.000	96.5	5.010000	0.000000	b=	17.7	

I N P U T D A T A			C A L C U L A T E D D A T A					
ITEM	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
400 OIL	12/1997 2583 4333 3350 2599 2179 1032 2012 1518 #			19.606	7/1998			
401 "	X 2158 2076 1893 1879 1699 1772 1327 832 755 1569 #			35.566	5/1999			
402 "	X 1506 1420 1324 1148 1273 1243 1243 1184 1116 1212 #			48.235	3/2000			
403 START	04/2000							
404 OIL	1191.90 X B/M	01/2016 AD	B/1.010	86.318	12/2015	24.5	1192.	221.
405 "	221.00 X B/M	30.45 IMU	EXP	116.769	4/2033	5.0	221.	91.
406 GAS	12/1997 2974 6896 5871 6877 5186 2578 4065 1586 #			36.033	7/1998			
407 "	X 6075 4689 5504 5316 5969 5013 4548 2619 2042 4421 #			82.229	5/1999			
408 "	X 4476 4444 4499 3666 3848 3664 3604 3817 3800 4378 #			122.425	3/2000			
409 START	04/2000							
410 GAS	3483.90 X M/M	04/2015 AD	B/1.010	271.556	3/2015	20.6	3484.	786.
411 "	785.40 1.00 M/M	X IMU	EXP	455.065	4/2033	5.0	785.	1.
412 WTR	12/1997 1065 1920 1988 2001 1972 1860 5160 1953 #			17.919	7/1998			
413 "	X 3286 2910 1581 1770 2914 2976 2380 1620 992 4092 #			42.440	5/1999			
414 "	X 3600 2852 2852 2460 2635 1650 2914 2030 1740 2914 #			68.087	3/2000			
415 START	04/2000							
416 WTR	2934.40 1.00 B/M	X IMU	EXP	684.861	4/2033	5.0	2934.	1.
417 START	12/1997							
511 PRI/OIL	16.8800 X \$/B	1/95 MM/YY	PC		4/2033		16.880	
512 "	18.39 X \$/B	1/96 AD	PC		4/2033		18.390	
513 "	22.26 X \$/B	1/97 AD	PC		4/2033		22.260	
514 "	20.74 X \$/B	1/98 AD	PC		4/2033		20.740	
515 "	14.43 X \$/B	1/99 AD	PC		12/1998		14.430	20.740
516 "	19.25 X \$/B	1/2000 AD	PC		12/1999		19.250	14.430
517 "	27.14 X \$/B	1/2001 AD	PC		12/2000		27.140	19.250
518 "	23.56 X \$/B	1/2002 AD	PC		12/2001		23.560	27.140
519 "	21.28 X \$/B	1/2003 AD	PC		12/2002		21.280	23.560
520 "	19.50 X \$/B	1/2004 AD	PC		12/2003		19.500	21.280
521 "	19.25 X \$/B	1/2005 AD	PC		12/2004		19.250	19.500
522 "	19.10 X \$/B	TO LIFE	PC		4/2033		19.100	19.250
523 PRI/GAS	1.8900 X \$/M	1/95 MM/YY	PC		4/2033		1.890	
524 "	1.94 X \$/M	1/96 AD	PC		4/2033		1.940	
525 "	2.61 X \$/M	1/97 AD	PC		11/1997		2.610	
526 "	2.59 X \$/M	1/98 AD	PC		12/1997		2.590	2.590
527 "	2.11 X \$/M	1/99 AD	PC		12/1998		2.110	2.590
528 "	2.27 X \$/M	1/2000 AD	PC		12/1999		2.270	2.110
529 "	3.25 X \$/M	1/2001 AD	PC		12/2000		3.250	2.270
530 "	3.09 X \$/M	1/2002 AD	PC		12/2001		3.090	3.250
531 "	2.81 X \$/M	1/2003 AD	PC		12/2002		2.810	3.090
532 "	2.84 X \$/M	1/2050 AD	PC		4/2033		2.840	2.810
533 PRI/OIL	-0.5000 -0.5000 \$/B	TO LIFE	PC		4/2033		-0.500	19.100

534 PRI/GAS	0.3000	0.3000 \$/M	TO	LIFE	PC	0.00	4/2033	0.300	2.840
600 OPC/T	2500.00	2500.00 \$/M	TO	LIFE	PC	0.00	11/1997	2500.000	2500.000
601 OPC/WTR	0.31	0.31 \$/U	TO	LIFE	PC	0.00	11/1997	0.310	0.310
602 STX/OIL	7.08	X %	TO	LIFE	PC	0.00	4/2033	0.071	0.071
604 STX/GAS	7.93	X %	TO	LIFE	PC	0.00	4/2033	0.079	0.079
605 ATX	0.15	0.15 %	TO	LIFE	FLAT	0.00	4/2033	0.002	0.002
705 LSE/WI	100.0000	D %	TO	LIFE	FLAT	0.00	4/2033	1.000	1.000
720 NET/OIL	87.5000	D %	TO	LIFE	FLAT	0.00	4/2033	0.875	0.875
740 NET/GAS	87.5000	D %	TO	LIFE	FLAT	0.00	4/2033	0.875	0.875
780 LSE/NPI	0.0000	D %	TO	LIFE	FLAT	0.00	4/2033		

OVERLAYS	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
900 OIL	12/1997 2583 4333 3350 2599 2179 1032 2012 1518 #			19.606	7/1998			
901 "	X 2158 2076 1893 1879 1699 1772 1327 832 755 1569 #			35.566	5/1999			
902 "	X 1506 1420 1324 1148 1273 1243 1184 1116 1212 #			48.235	3/2000			
903 GAS	12/1997 2974 6896 5871 6877 5186 2578 4065 1586 #			36.033	7/1998			
904 "	X 6075 4689 5504 5316 5969 5013 4548 2619 2042 4421 #			82.229	5/1999			
905 "	X 4476 4444 4499 3666 3848 3664 3604 3817 3800 4378 #			122.425	3/2000			
906 WTR	12/1997 1065 1920 1988 2001 1972 1860 5160 1953 #			17.919	7/1998			
907 "	X 3286 2910 1581 1770 2914 2976 2380 1620 992 4092 #			42.440	5/1999			
908 "	X 3600 2852 2852 2460 2635 1650 2914 2030 1740 2914 #			68.087	3/2000			

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&IER	ESC. T&IER
800 DRILL	206.90	407.60 M\$G	12/1997 AD	614.500	12/1997	0	614.5	614.5
801 SALV	-20.00	0.00 M\$G	TO LIFE	-20.000	4/2033	0	-20.0	-20.0

RESERVE PARAMETERS	ITEM	ITEM
250 LOSS	NO	

PROJECT ASSUMPTIONS

BASE DATE : 12/1997 TIME FRAMES : 1,48*12,623

P.W. DATE : 12/1997 PW & AGE : 10.0 DISC. FREQUENCY : MO

REPORT DATE : 12/1997 PROD QUAL : CD OWNER QUAL : CD OTHER QUAL : NONE

NET/WTR WI

AFTER TAX ECONOMICS

AS OF DATE: 12/1997

PERIOD ENDING	12/1997	12/1998	12/1999	12/2000	12/2001	12/2002	12/2003	12/2004	12/2005	12/2006	S TOT	AFTER	31.0 YR TOTAL
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TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
2) DEPLETABLE	407.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	407.6	0.0	407.6
3) DEPRECIABLE	206.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	206.9	-20.0	186.9

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	53.3	453.6	358.2	435.8	310.9	234.9	190.5	165.4	146.5	132.0	2481.0	1463.0	3944.1
5) - SEVERANCE TAX	3.8	33.2	26.3	31.9	22.8	17.3	14.0	12.2	10.8	9.7	182.1	108.1	290.2
6) - OPR. COSTS & ATX	2.9	39.7	40.1	40.7	40.7	40.1	39.5	39.0	38.5	38.1	359.3	761.0	1120.3
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	62.1	43.4	30.4	21.3	14.9	10.4	7.3	5.1	3.6	2.5	201.1	5.8	206.9
12) = NET	-15.5	337.2	261.4	341.9	232.5	167.1	129.6	109.1	93.5	81.6	1738.5	588.1	2326.6
13) - DEPLETION TAKEN	6.6	68.3	39.4	33.8	27.1	22.4	19.2	16.7	14.8	13.3	261.6	146.0	407.6
14) - INTEREST PD & CAP	-22.1	269.0	222.0	308.1	205.4	144.7	110.5	92.4	78.7	68.3	1476.9	442.1	1919.0
15) = TAXABLE	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
16) * TAX RATE, %	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
17) - TAX CREDIT	-7.5	91.4	75.5	104.7	69.8	49.2	37.6	31.4	26.8	23.2	502.2	150.3	652.5
18) = F.I.T.	49.4	420.4	331.9	403.9	288.1	217.6	176.4	153.2	135.7	122.2	2298.9	1354.9	3653.8
19) REVENUE-SEV	2.9	39.7	40.1	40.7	40.7	40.1	39.5	39.0	38.5	38.1	359.3	761.0	1120.3
20) - OPR. COSTS & ATX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-7.5	91.4	75.5	104.7	69.8	49.2	37.6	31.4	26.8	23.2	502.2	150.3	652.5
24) = A.F.I.T.	54.1	289.2	216.3	258.5	177.6	128.4	99.4	82.8	70.4	60.9	1437.4	443.6	1881.1
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	54.1	289.2	216.3	258.5	177.6	128.4	99.4	82.8	70.4	60.9	1437.4	443.6	1881.1
28) - INVESTMENTS & RSK	614.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	614.5	-20.0	594.5
29) = A.F.I.T. NET	-560.4	289.2	216.3	258.5	177.6	128.4	99.4	82.8	70.4	60.9	822.9	463.6	1286.6

PRESENT WORTH @ 10.00 %

30) NET INCOME	53.8	273.6	186.0	202.0	126.2	82.9	58.4	44.2	34.1	26.9	1088.2	111.0	1199.3
31) INVESTMENTS & RISK	614.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	614.5	-1.1	613.4
32) A.F.I.T. NET	-560.7	273.6	186.0	202.0	126.2	82.9	58.4	44.2	34.1	26.9	473.7	112.1	585.8
33) CUM. A.F.I.T. NET	-560.7	-287.1	-101.0	101.0	227.2	310.1	368.5	412.7	446.9	473.7	473.7	585.8	585.8

E C O N O M I C I N D I C A T O R S

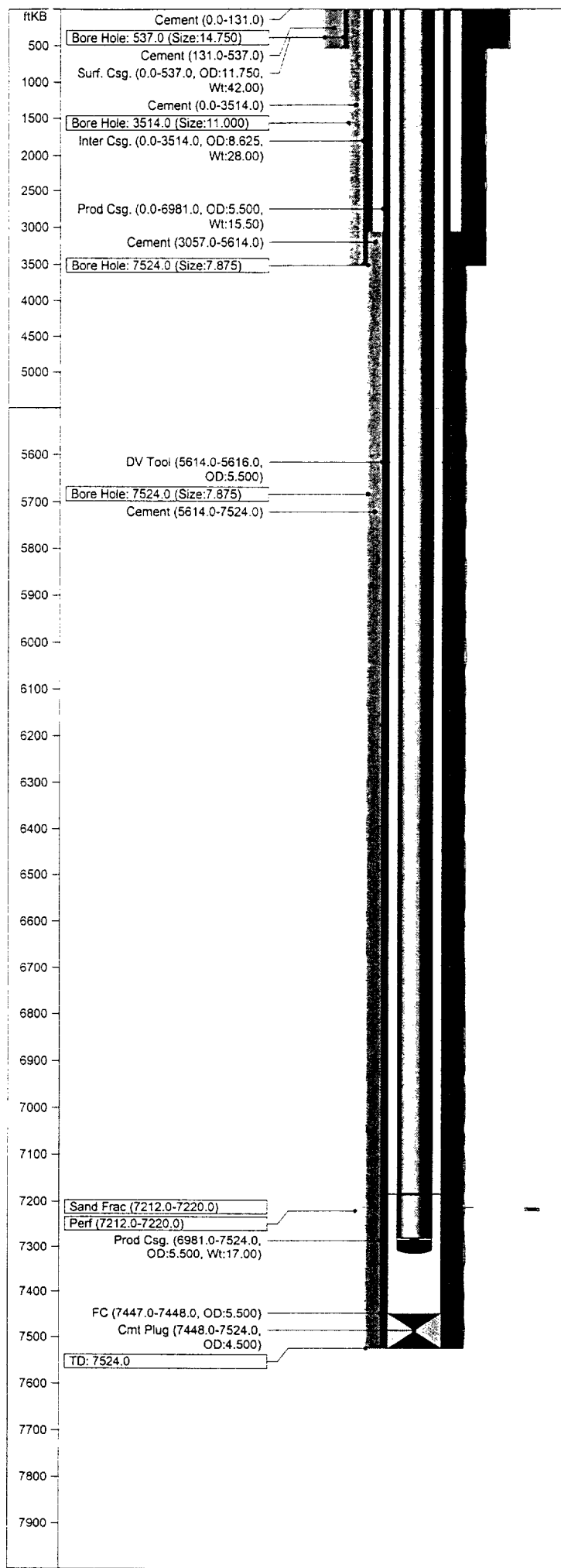
AS OF DATE: 12/1997

	B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	1939.025	1286.557	1949.328
5.	1346.585	842.317	1110.468
10.	999.624	585.810	724.601
15.	771.021	417.709	498.343
20.	607.912	297.890	347.169
25.	484.952	207.478	237.823
30.	388.537	136.450	154.467
35.	310.685	78.965	88.520
40.	246.385	31.366	34.883
50.	146.169	-43.109	-47.363
60.	71.508	-98.894	-107.685
70.	13.655	-142.357	-153.941
80.	-32.527	-177.238	-190.601
90.	-70.266	-205.892	-220.408
100.	-101.696	-229.878	-245.146

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

RATE OF RETURN, PCT.	73.0	44.2
UNDISCOUNTED PAYOUT, YRS.	1.73	2.30
DISCOUNTED PAYOUT, YRS.	1.90	2.58
UNDISCOUNTED NET/INVEST.	4.26	3.16
DISCOUNTED NET/INVEST.	2.63	1.95

NOTES



POKER LAKE UNIT #140			
API No.	3001529876	Status	ACT OIL
TD	7524.0 ftKB	Engineer	KAA
PBTD	7448.0 ftKB		
Operator	BEPCO	Permit	
Well No.	140	Spud	11/14/1997
ID Code		RR	12/5/1997
Field	POKER LAKE (DELAWARE) SW	Completion	
Author	RAS	Last Act.	
Date Updated	6/9/98	Abandoned	
Comments			
Location			
Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	1980.0 ft N
		Top EW Distance	330.0 ft W
Section	32	Bottom Latitude	0
Unit Ltr.	E	Bottom Longitude	0
State	NM	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft
Elevations			
KB	3201.9 ft	Cas Fing	0.0 ft
Grd	3185.2 ft	Tub Head	0.0 ft
KB-Grd	16.7 ft		
Bore Hole Data			
	Depth (ftKB)		Size (in)
	537.0		14.750
	3514.0		11.000
	7524.0		7.875
Casing String - Surface Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
11.750 in Surf. Csg.	537.0	12	11.147 42.00 WC-40 STC
Casing String - Intermediate Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
8.625 in Inter Csg.	3514.0	84	8.016 28.00 WC-50 LTC
Casing String - Production Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
5.500 in Prod Csg.	6981.0	150	4.953 15.50 K-55 LTC
5.500 in DV Tool	5616.0		0.000 0.00
5.500 in Prod Csg.	7524.0	15	4.891 17.00 K-55 LTC
5.500 in FC	7448.0		0.000 0.00
Casing Cement			
Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	100	1" TOP OUT DOWN ANNULUS
Surface Casing	131.0	340	
Intermediate Casing	0.0	1100	
Production Casing	3057.0	565	TOC @ 3057 BY TEMP SUR.
Production Casing	5614.0	310	
Tubing String - Primary Tubing			
Item (in)	Top (ftKB)	Len (ft)	Jnts ID Wt Grd Thd
2.875 in Tbg	0.0	7182.0	226 2.441 6.50 J-55 8rd
5.500 in TAC	7182.0	3.0	2.875 0.00
2.875 in Tbg	7185.0	94.0	3 2.441 6.50 J-55 8rd
2.875 in SN	7279.0	1.0	2.250 0.00
2.875 in Perf Sub	7280.0	4.0	0.000 0.00
2.875 in Mud Anchor	7284.0	31.0	1 2.441 6.50 J-55 8rd
Other (plugs, equip., etc.) - Plug Backs			
Date	Item	Int (ftKB)	
12/4/1997	Cmt Plug	7448.0 - 7524.0	
Perforations			
Date	Int	Zone	Shots (ft) Type
12/11/1997	7212.0 - 7220.0		2.0 Jet-0 Deg Phased
Stimulations & Treatments			
Date	Type	Fluid	Int Sand Comments
2/12/1998	Sand Frac		7212.0 - 7220.0

WELL HISTORY

WELL NAME: POKER LAKE UNIT #140

FIELD NAME: POKER LAKE, SE (DELAWARE)

LOCATION: 1980' FNL, 330' FWL, Sec. 32, T23S, R30E, Unit

ELEV: 3185.2' GL, 3201.9' KB

SPUD DATE: 11/14/97, RR 12/5/97

COMP DATE: 12/17/97

ORIG TD: 7524'

ORIG PBTB: 7448'

CASING: 11 3/4", WC-40, 42#, STC, CSA 537', cmt w/340 sxs. TOC 131'. Cmt w/100 sxs down annulus via 1", TOC Surface. 14 3/4" hole 0-537'.
8 5/8", WC-50, 28#, LTC, CSA 3514', cmt w/1100 sxs, circ. 11" hole 537-3514'.
5 1/2", K-55, 15.5 & 17#, CSA 7524', DV Tool @ 5614. 1st stg cmt w/310 sxs, circ thru DV tool. 2nd stg cmt w/565 sxs, TOC 3057 by temp sur.

TUBING: 2 7/8", J-55, 6.5#, 8rd

DST: None

CORES & LOGS: Platform Express-Array Induction Micro CFL/GR
12/3/97 3511-7522'.
Platform Express-Three Dector Lithodensity Compensated
Neutron/GR 12/3/97 200-7522'.

INITIAL COMPLETION

12/9/97 to 12/17/97 **PERF & FRAC 7212-20' (LBC)**
TD 7524' PBTB 7448'. DO DV Tool @ 5622, CO to FC @ 7448'. Run GR-CCL Log.

12/11/97 **Perf:** 7212-20', w/2 JSPF @ 0° phasing. **Frac** w/42,500 gals SFG 2500 w/200,000# 16/30 Brady sand + 50,000# CR-4000 16/30 RCS. SI 2 hr. Flow well to pit. Tag top of sand @ 7225' (5' below bottom perf). Wash to PBTB @ 7448. Run tbg, rods & pump, place well on prod. Test: 12/30/97 179 BO, 71 BW, 201 MCFG.

4/29/98 Run BHP assembly for build-up.

5/20/98 Pull BHP assembly and lower pump depth.

5/29/98 Rod pump failure.

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240



State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

DISTRICT III
1066 Rio Brazos Rd., Aztec, NM 87410

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29876	Pool Code 47545	Pool Name Nash Draw (Delaware)
Property Code 001796	Property Name Poker Lake Unit	Well Number 140
OGRIP No. 001801	Operator Name Bass Enterprises Production Company	Elevation 3187'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	32	23 S	30 E		1980	North	330	West	Eddy

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	Joint or Infill	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

	<p>OPERATOR CERTIFICATION</p> <p>I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><u>Tami L. Wilber</u> Signature</p> <p>Tami L. Wilber Printed Name</p> <p>Production Clerk Title</p> <p>1/30/98 Date</p>		
	<p>SURVEYOR CERTIFICATION</p> <p>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.</p> <p>August 22, 1997 Date Surveyed</p> <p><u>[Signature]</u> Signature & Seal Professional Surveyor</p> <p>W. Q. No. 74880 Certificate No. 7977</p> <p>BASIN SURVEYS</p>		
	<p>Professional Surveyor</p>		
	<p>Professional Surveyor</p>		

Submit to Appropriate District Office
 State Lease - 6 copies
 Fee Lease - 5 copies
 DISTRICT I
 P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
 P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
 Energy, Minerals and Natural Resources Department

Form C-105
 Revised 1-1-89

OIL CONSERVATION DIVISION

2040 Pacheco St.
 Santa Fe, NM 87505

WELL API NO. 30-015-29876
5. Indicate Type Of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No. 001796

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> OTHER _____	7. Lease Name or Unit Agreement Name Poker Lake Unit
b. Type of Completion: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF RESVR <input type="checkbox"/> OTHER _____	
2. Name of Operator Bass Enterprises Production Co.	8. Well No. 140
3. Address of Operator P.O. Box 2760 Midland, TX 79702-2760	9. Pool name or Wildcat Nash Draw (Delaware)

4. Well Location
 Unit Letter **E** : **1980'** Feet From The **North** Line and **330'** Feet From The **West** Line
 Section **32** Township **23S** Range **30E** NMPM **Eddy** County

10. Date Spudded 11/16/97	11. Date T.D. Reached 12/4/97	12. Date Compl.(Ready to Prod.) 12/17/97	13. Elevations(DF & RKB, RT, GR, etc.) 3185.2' GL, 3201.9' KB	14. Elev. Casinghead - - -
-------------------------------------	---	--	---	--------------------------------------

15. Total Depth 7524'	16. Plug Back T.D. 7448'	17. If Multiple Compl. How Many Zones? Single	18. Intervals Drilled By 0-7524'	Rotary Tools	Cable Tools
---------------------------------	------------------------------------	---	--	--------------	-------------

19. Producing Interval(s), of this completion - Top, Bottom, Name
7212-20' Delaware

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
GR/LDT/CNL & Induction Log

22. Was Well Cored
No

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	537'	14-3/4"	640 sx Class C. TOC 178'	NA
8-5/8"	28#	3514'	11"	1100 sx Class C. Circ.	NA
5-1/2"	15.5#, 17#	7524'	7-7/8"	875 sx TOC @ 3057'	NA

24. LINER RECORD **25. TUBING RECORD**

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-7/8"	7035'	6999' SN

26. Perforation record (interval, size, and number)
7212-20' Perf w/ 4" casing gun loaded w/ 19 gram GOEX w/ 2 JSPF @ 0 degree phasing. (8', 16 shots)

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
7212-20'	52,668 gals SFG-2500 + 245,762# 16/30 BS

28. PRODUCTION

Date First Production 12/19/97	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping Legrand 640 10 x 144" x 1-1/2"	Well Status (Prod. or Shut-in) Producing					
Date of Test 12/30/97	Hours Tested 24 hours	Choke Size - - -	Prod'n For Test Period 179	Oil - Bbl. 201	Gas - MCF 201	Water - Bbl. 71	Gas - Oil Ratio 1122
Flow Tubing Press. - - -	Casing Pressure - - -	Calculated 24-Hour Rate 179	Oil - Bbl. 179	Gas - MCF 201	Water - Bbl. 71	Oil Gravity - API (Corr.) 44.3	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sales, Lease Use

Test Witnessed By _____

30. List Attachments
C-104, Logs, C-102

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Dana L. Wilber* Printed Name **Tami L. Wilber** Title **Production Clerk** Date **1/30/98**

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #137 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ D _____ UNIT, _____ 330 _____ FEET FROM _____ NORTH _____ LINE & _____ 330 _____ FEET FROM _____ WEST _____
 SECTION _____ 32 _____ TOWNSHIP _____ 235 _____, RANGE _____ 30E _____, COUNTY _____ EDDY _____, NEW MEX _____
 SPUD DATE _____ 8/7/97 _____ COMPLETION DATE _____ 9/1/97 _____ INITIAL PRODUCTION _____ 9/10/97 _____
 PERFORATIONS _____ 7200-7210 _____

STIMULATION:

ACID _____ 250 gal 15% hcl _____

FRACTURE _____ 46,764 gal YF 130 w/ 202,000# 20/40 Brady Sd + 50,000# RCS _____

POTENTIAL _____ 9/12/97 160 BO 254 MCF 431 BW _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.0%	
Water saturation (Sw), %	60%	
Net Thickness (h), ft.	42	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,096	
Recovery factor (RF), %	10%	
Recoverable oil, BBLs *(See eq. below)	41,707	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = (7758) (A) (h) (por) (1-Sw) (1/Boi) (RF)

Boi = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>4/1/00</u> ; <u>19,601</u> BBLs
INITIAL RATE (qi)	<u>10</u>
ECONOMIC LIMIT (qi)	<u>3</u>
DECLINE RATE, dy	<u>Harmonic d = 23.2%</u>
REMAINING OIL (Q) =	<u>15,799</u>
ULTIMATE RECOVERABLE OIL (STB)	<u>35,400</u>

(Attach plot showing proration unit and participating area.)

ECONOMIC

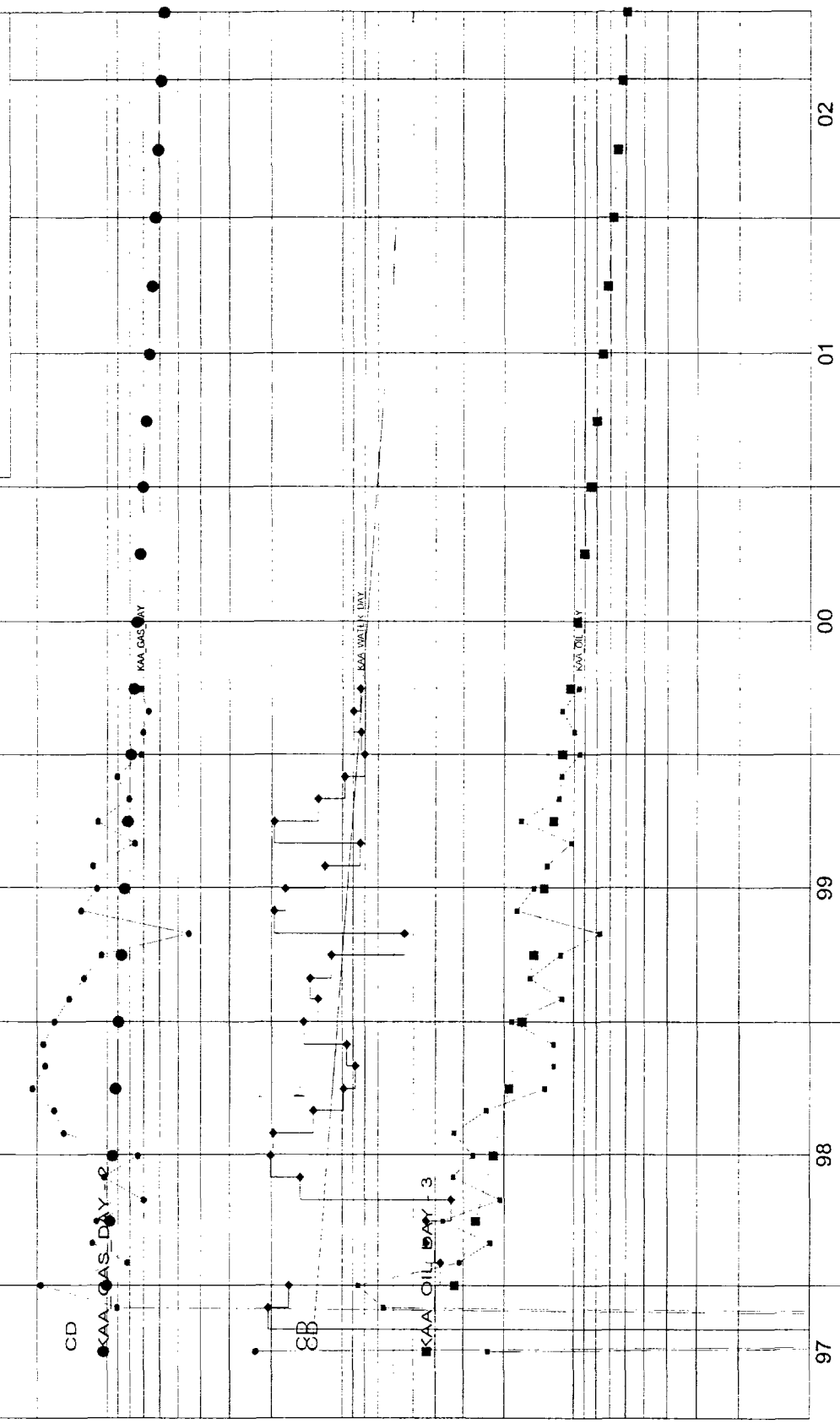
WELL COST \$	<u>626,500</u>	(to the depth of formation completed)
RECOMPLETION COST \$	<u>0</u>	
TOTAL COST \$	<u>626,500</u>	

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-626,500</u>
1	<u>5,300</u>	<u>118,400</u>	<u>13,500</u>	<u>94,000</u>
2	<u>8,700</u>	<u>211,400</u>	<u>42,100</u>	<u>141,500</u>
3	<u>4,600</u>	<u>157,900</u>	<u>44,200</u>	<u>85,700</u>
4	<u>3,500</u>	<u>164,000</u>	<u>38,900</u>	<u>86,100</u>
5	<u>2,800</u>	<u>127,700</u>	<u>37,300</u>	<u>56,000</u>
6	<u>2,300</u>	<u>99,700</u>	<u>36,000</u>	<u>35,400</u>
7	<u>1,900</u>	<u>84,300</u>	<u>34,900</u>	<u>24,600</u>
8	<u>1,700</u>	<u>73,800</u>	<u>34,000</u>	<u>17,800</u>
9	<u>1,500</u>	<u>65,100</u>	<u>33,300</u>	<u>12,700</u>
10	<u>1,300</u>	<u>58,000</u>	<u>32,700</u>	<u>9,000</u>
REMAINDER	<u>1,800</u>	<u>78,100</u>	<u>50,900</u>	<u>8,200</u>

WELL IS COMMERCIAL

WATER-BWPD 1000
 GAS-MCFD 100
 OIL-BOPD 1000

POKER LAKE UNIT # 137
 NASH DRAW
 EDDY COUNTY, NM



Series	CD	Qual	Ref	Cum	Rem	EUR	Yrs	Qref	De	b	Qab
KAA_OIL_DAY	4/2000	19601	15725	35326	8.251	10.4	23.215032	1.010000	3.0		
KAA_GAS_DAY	4/2000	102292	234060	336352	64.668	77.0	11.310000	0.000000	b		
KAA_WATER_DAY	4/2000	103786	152792	256578	39.917	82.2	17.820000	0.000000	b		
CD	4/2000	103786	152792	256578	39.917	82.2	17.820000	0.000000	b		

I N P U T D A T A				C A L C U L A T E D D A T A			
ITEM	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST EFF. DECL	INIT. RATE	FINAL RATE
400 OIL	09/1997 704 0 1987 2652 971 645 1155 625 1031 817 #			10.587	6/1998		
401 "	X 1024 740 403 380 369 576 349 434 354 232 547 449 #			16.444	6/1999		
402 "	X 406 318 508 360 339 293 310 327 296 #			19.601	3/2000		
403 START	04/2000						
404 OIL	316.80 X B/M	15.75 IMU	B/1.010 23.22	15.754	7/2008	26.1	317. 91.
405 GAS	09/1997 702 0 2721 5986 2548 3258 3467 2105 3201 #			23.988	5/1998		
406 "	X 2222 4781 5263 6285 5748 5664 5226 4530 3527 3282 #			70.516	3/1999		
407 "	X 1350 4030 3327 3585 2362 3297 2504 2726 2229 2189 #			98.115	1/2000		
408 "	X 1942 2235 #			102.292	3/2000		
409 START	04/2000						
410 GAS	2342.00 1.00 M/M	X IMU	EXP 11.31	234.055	11/2064	11.3	2342. 1.
411 WTR	09/1997 0 0 6210 5239 1180 1232 1363 1024 4681 6060 #			26.989	6/1998		
412 "	X 6107 4123 2970 2730 2880 4526 3937 3836 3458 1632 #			63.188	4/1999		
413 "	X 6045 5250 3689 2600 5850 3937 2940 2492 2581 2610 #			101.182	2/2000		
414 "	X 2604 #			103.786	3/2000		
415 START	04/2000						
416 WTR	2499.90 1.00 B/M	X IMU	EXP 17.82	152.793	2/2040	17.8	2500. 1.
417 START	09/1997						
511 PRI/OIL	16.8800	1/95 MM/YY	PC	0.00	7/2008		16.880
512 "	18.39	1/96 AD	PC	0.00	7/2008		18.390
513 "	22.26	1/97 AD	PC	0.00	7/2008		22.260
514 "	20.74	1/98 AD	PC	0.00	7/2008		20.740
515 "	14.43	1/99 AD	PC	0.00	12/1998		14.430
516 "	19.25	1/2000 AD	PC	0.00	12/1999		19.250
517 "	27.14	1/2001 AD	PC	0.00	12/2000		27.140
518 "	23.56	1/2002 AD	PC	0.00	12/2001		23.560
519 "	21.28	1/2003 AD	PC	0.00	12/2002		21.280
520 "	19.50	1/2004 AD	PC	0.00	12/2003		19.500
521 "	19.25	1/2005 AD	PC	0.00	12/2004		19.250
522 "	19.10	TO LIFE	PC	0.00	7/2008		19.100
523 PRI/GAS	1.8900	1/95 MM/YY	PC	0.00	7/2008		1.890
524 "	1.94	1/96 AD	PC	0.00	7/2008		1.940
525 "	2.61	1/97 AD	PC	0.00	8/1997		2.610
526 "	2.59	1/98 AD	PC	0.00	12/1997		2.590
527 "	2.11	1/99 AD	PC	0.00	12/1998		2.110
528 "	2.27	1/2000 AD	PC	0.00	12/1999		2.270
529 "	3.25	1/2001 AD	PC	0.00	12/2000		3.250
530 "	3.09	1/2002 AD	PC	0.00	12/2001		3.090
531 "	2.81	1/2003 AD	PC	0.00	12/2002		2.810
532 "	2.84	1/2050 AD	PC	0.00	7/2008		2.840
533 PRI/OIL	-0.5000	TO LIFE	PC	0.00	7/2008		-0.500 19.100

534	PRI/GAS	0.3000	0.3000	\$/M	TO	LIFE	PC	0.00	7/2008	0.300	2.840		
600	OPC/T	2500.00	2500.00	\$/M	TO	LIFE	PC	0.00	8/1997	2500.000	2500.000		
601	OPC/WTR	0.31	0.31	\$/U	TO	LIFE	PC	0.00	8/1997	0.310	0.310		
602	STX/OIL	7.08	X	%	TO	LIFE	PC	0.00	7/2008	0.071	0.071		
604	STX/GAS	7.93	X	%	TO	LIFE	PC	0.00	7/2008	0.079	0.079		
605	ATX	0.15	0.15	%	TO	LIFE	FLAT	0.00	7/2008	0.002	0.002		
705	LSE/WI	100.0000	D	%	TO	LIFE	FLAT	0.00	7/2008	1.000	1.000		
720	NET/OIL	87.5000	D	%	TO	LIFE	FLAT	0.00	7/2008	0.875	0.875		
740	NET/GAS	87.5000	D	%	TO	LIFE	FLAT	0.00	7/2008	0.875	0.875		
780	LSE/NPI	0.0000	D	%	TO	LIFE	FLAT	0.00	7/2008				
OVERLAYS													
		SCHEDULING RATES			SCHEDULE UNTIL		PROCEDURE		ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
900	OIL	09/1997	704	0	1987	2652	971	645	1155	625	1031	817	#
901	"	X	1024	740	403	380	369	576	349	434	354	232	547 449 #
902	"	X	406	318	508	360	339	293	310	327	296	#	
903	GAS	09/1997	702	0	2721	5986	2548	3258	3467	2105	3201	#	
904	"	X	2222	4781	5263	6285	5748	5664	5226	4530	3527	3282	#
905	"	X	1350	4030	3327	3585	2362	3297	2504	2726	2229	2189	#
906	"	X	1942	2235	#								
907	WTR	09/1997	0	0	6210	5239	1180	1232	1363	1024	4681	6060	#
908	"	X	6107	4123	2970	2730	2880	4526	3937	3836	3458	1632	#
909	"	X	6045	5250	3689	2600	5850	3937	2940	2492	2581	2610	#
910	"	X	2604	#									
INVESTMENT													
		TANGIBLES & INTANGIBLES			TIME		PROCEDURE		TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
800	DRILL	196.60	429.90	M\$G	09/1997	AD	PC	0.00	626.500	9/1997	0	626.5	626.5
801	SALV	-20.00	0.00	M\$G	TO	LIFE	PC	0.00	-20.000	7/2008	0	-20.0	-20.0
RESERVE PARAMETERS													
		ITEM			ITEM								
250	LOSS	NO											
PROJECT ASSUMPTIONS													
BASE DATE : 09/1997 TIME FRAMES : 4,48*12,620													
P.W. DATE : 09/1997 PW &-AGE : 10.0 DISC. FREQUENCY : MO													
REPORT DATE : 09/1997 PROD QUAL : CD OWNER QUAL : CD OTHER QUAL : NONE													
NET/WTR WI													

R E S E R V E S A N D E C O N O M I C S
 AS OF DATE: 09/1997

PERIOD ENDING 12/1997 12/1998 12/1999 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 S TOT AFTER 10.9 YR TOTAL

OWNERSHIP

1) WORKING INTEREST, %	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000	
2) REVENUE INTEREST, %	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500	87.500

INVESTMENTS, M\$

3) BORROWED CAPITAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0		
4) EQUITY INVESTMENTS	626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	606.5	
5) RISK	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
7) TOTAL	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	606.5

OIL PHASE

8) GROSS OIL, MB	5.3	8.7	4.6	3.5	2.8	2.3	1.9	1.7	1.5	1.3	1.3	33.6	1.8	35.4
9) NET OIL, MB	4.7	7.6	4.0	3.1	2.4	2.0	1.7	1.5	1.3	1.2	29.4	1.5	30.9	
10) OIL REVENUE, M\$	94.6	106.5	75.3	81.6	55.9	41.3	32.0	27.4	24.0	21.5	560.1	28.6	588.6	
11) OIL PRICE, \$/B	20.24	13.93	18.75	26.64	23.06	20.78	19.00	18.75	18.60	18.60	19.05	18.60	19.03	

GAS PHASE

12) GROSS GAS, MMF	9.4	49.8	36.7	26.5	24.2	21.5	19.0	16.9	15.0	13.3	232.3	18.0	250.3
13) NET GAS, MMF	8.2	43.5	32.2	23.2	21.2	18.8	16.7	14.8	13.1	11.6	203.3	15.8	219.0
14) GAS REVENUE, M\$	23.8	104.9	82.6	82.4	71.8	58.4	52.3	46.4	41.1	36.5	600.3	49.5	649.8
15) GAS PRICE, \$/MCF	2.890	2.410	2.570	3.550	3.390	3.110	3.140	3.140	3.140	3.140	2.953	3.140	2.967

ECONOMICS, M\$

19) GROSS REV. TO INTR.	118.4	211.4	157.9	164.0	127.7	99.7	84.3	73.8	65.1	58.0	1160.4	78.1	1238.5
20) - SEV. TAX	8.6	15.9	11.9	12.3	9.7	7.6	6.4	5.6	5.0	4.4	87.3	6.0	93.2
21) - AD VALOREM TAX	0.2	0.3	0.2	0.2	0.2	0.1	0.1	0.1	0.1	0.1	1.6	0.1	1.7
22) - OPERATING COSTS	13.5	42.1	44.2	38.9	37.3	36.0	34.9	34.0	33.3	32.7	347.0	50.9	397.8
23) - SWD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
24) - CAPITAL REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
28) = NET INCOME	96.1	153.2	101.7	112.6	80.6	56.0	42.8	34.0	26.8	20.8	724.6	21.2	745.7
29) - INVESTMENTS & RSK	626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	626.5	-20.0	606.5
30) = BFIT NET	-530.4	153.2	101.7	112.6	80.6	56.0	42.8	34.0	26.8	20.8	98.1	41.2	139.2

PRESENT WORTH @ 10.00 %

31) NET INCOME	94.0	141.5	85.7	86.1	56.0	35.4	24.6	17.8	12.7	9.0	562.7	8.2	570.9
32) INVESTMENTS & RISK	626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	626.5	-7.1	619.4
33) BFIT NET	-532.5	141.5	85.7	86.1	56.0	35.4	24.6	17.8	12.7	9.0	-63.8	15.3	-48.5
34) CUM BFIT NET	-532.5	-391.0	-305.3	-219.3	-163.2	-127.8	-103.2	-85.4	-72.7	-63.8	-48.5	-48.5	-48.5

A F T E R T A X E C O N O M I C S

AS OF DATE: 09/1997
 PERIOD ENDING 12/1997 12/1998 12/1999 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 S TOT AFTER 10.9 YR TOTAL

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP, RISK & CAP INT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2) DEPLETABLE	429.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	429.9	0.0	0.0	429.9
3) DEPRECIABLE	196.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	196.6	-20.0	0.0	176.6

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	118.4	211.4	157.9	164.0	127.7	99.7	84.3	73.8	65.1	58.0	1160.4	78.1	1238.5
5) - SEVERANCE TAX	8.6	15.9	11.9	12.3	9.7	7.6	6.4	5.6	5.0	4.4	87.3	6.0	93.2
6) - OPR. COSTS & ATX	13.7	42.3	44.4	39.1	37.5	36.1	35.0	34.1	33.4	32.8	348.6	51.0	399.5
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
11) - DEPRECIATION	59.0	41.3	28.9	20.2	14.2	9.9	6.9	4.9	3.4	2.4	191.0	5.6	196.6
12) = NET	37.1	111.9	72.8	92.4	66.4	46.1	35.9	29.2	23.4	18.4	533.5	15.6	549.1
13) - DEPLETION TAKEN	65.0	106.2	55.8	42.6	33.7	27.6	23.4	20.3	17.9	16.1	408.6	21.3	429.9
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-27.8	5.7	17.0	49.8	32.7	18.5	12.5	8.9	5.4	2.3	125.0	-5.7	119.2
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-9.5	1.9	5.8	16.9	11.1	6.3	4.3	3.0	1.8	0.8	42.5	-1.9	40.5

19) REVENUE-SEV	109.8	195.6	146.0	151.7	118.0	92.1	77.9	68.2	60.2	53.6	1073.1	72.1	1145.3
20) - OPR. COSTS & ATX	13.7	42.3	44.4	39.1	37.5	36.1	35.0	34.1	33.4	32.8	348.6	51.0	399.5
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-9.5	1.9	5.8	16.9	11.1	6.3	4.3	3.0	1.8	0.8	42.5	-1.9	40.5
24) = A.F.I.T.	105.6	151.3	95.9	95.7	69.4	49.7	38.6	31.0	24.9	20.0	682.1	23.1	705.2
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	105.6	151.3	95.9	95.7	69.4	49.7	38.6	31.0	24.9	20.0	682.1	23.1	705.2
28) - INVESTMENTS & RSK	626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	626.5	-20.0	606.5
29) = A.F.I.T. NET	-520.9	151.3	95.9	95.7	69.4	49.7	38.6	31.0	24.9	20.0	55.6	43.1	98.7

PRESENT WORTH @ 10.00 %

30) NET INCOME	103.9	139.7	80.5	73.0	48.2	31.4	22.1	16.2	11.8	8.6	535.5	8.8	544.3
31) INVESTMENTS & RISK	626.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	626.5	-7.1	619.4
32) A.F.I.T. NET	-522.6	139.7	80.5	73.0	48.2	31.4	22.1	16.2	11.8	8.6	-91.0	16.0	-75.1
33) CUM. A.F.I.T. NET	-522.6	-382.9	-302.3	-229.3	-181.1	-149.7	-127.6	-111.5	-99.6	-91.0	-75.1	-75.1	

E C O N O M I C I N D I C A T O R S

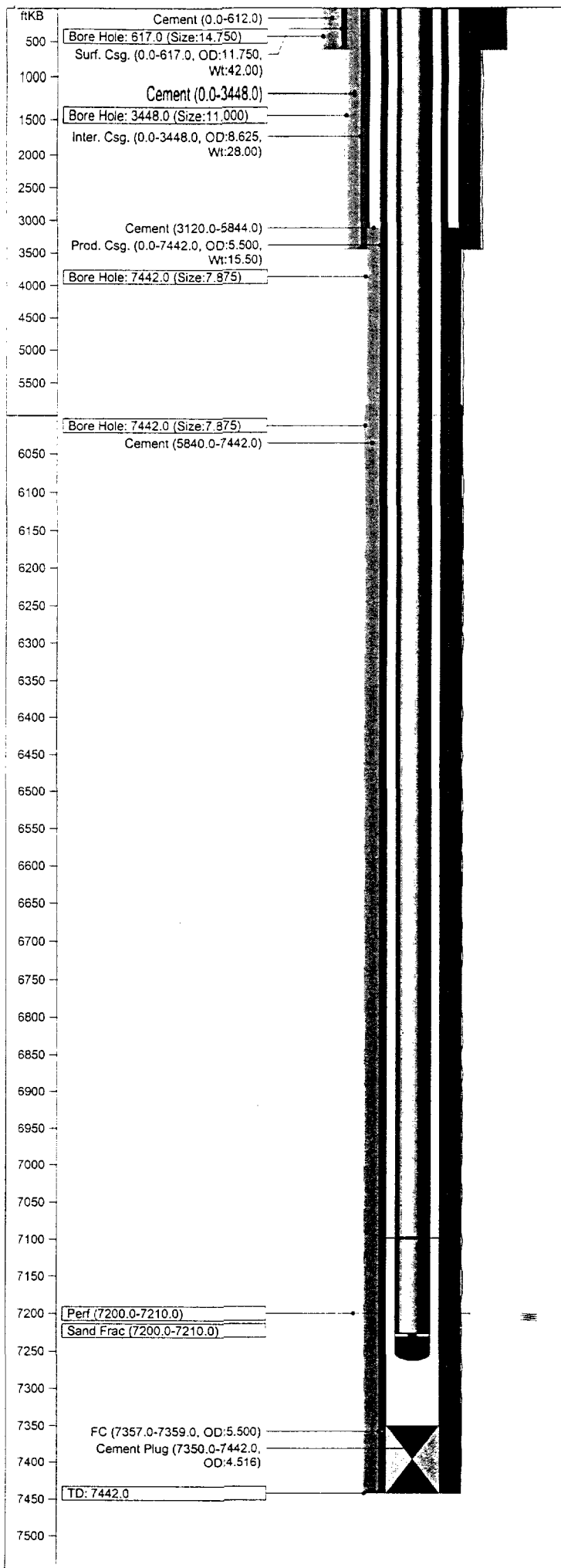
AS OF DATE: 09/1997

	B.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	139.230	98.692	149.533
5.	31.268	-1.487	-2.108
10.	-48.474	-75.065	-101.553
15.	-109.289	-130.942	-171.263
20.	-156.963	-174.615	-222.616
25.	-195.223	-209.599	-261.925
30.	-226.554	-238.217	-292.948
35.	-252.658	-262.055	-318.045
40.	-274.735	-282.220	-338.768
50.	-310.038	-314.502	-371.003
60.	-337.039	-339.253	-394.953
70.	-358.389	-358.884	-413.482
80.	-375.724	-374.874	-428.270
90.	-390.102	-388.181	-440.367
100.	-402.239	-399.451	-450.463

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

RATE OF RETURN, PCT.	7.0	4.9
UNDISCOUNTED PAYOUT, YRS.	5.95	6.99
DISCOUNTED PAYOUT, YRS.	10.92	10.92
UNDISCOUNTED NET/INVEST.	1.23	1.16
DISCOUNTED NET/INVEST.	0.92	0.88

NOTES



POKER LAKE UNIT #137			
API No.	3001529715	Status	ACT OIL
TD	7442.0 ftKB	Engineer	KAA
PBTD	7350.0 ftKB		
Operator	BEPCO	Permit	
Well No.	137	Spud	8/7/1997
ID Code		RR	8/24/1997
Field	Forty-Niner Ridge (Delaware), SW	Completion	9/9/1997
Author	RAS	Last Act.	
Date Updated	6/5/98	Abandoned	
Comments			
Location			
Township	23S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	330.0 ft N
		Top EW Distance	330.0 ft W
Section	32	Bottom Latitude	0
Unit Ltr.	D	Bottom Longitude	0
State	New Mexic	Btm NS Distance	0.0 ft
County	Eddy	Btm EW Distance	0.0 ft
Elevations			
KB	3141.0 ft	Cas Flng	0.0 ft
Grd	3125.0 ft	Tub Head	0.0 ft
KB-Grd	16.0 ft		
Bore Hole Data			
	Depth (ftKB)		Size (in)
	617.0		14.750
	3448.0		11.000
	7442.0		7.875
Casing String - Surface Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
11.750 in Surf. Csg.	617.0	15	0.000 42.00 WC-40 STC
Casing String - Intermediate Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
8.625 in Inter. Csg.	3448.0	80	0.000 28.00 WC50 LTC
Casing String - Production Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
5.500 in Prod. Csg.	7442.0	166	0.000 15.50 K-55 & J-55 LTC
5.500 in DV Tool	5848.0		0.000 0.00
5.500 in FC	7359.0		0.000 0.00
Casing Cement			
Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	440	Circ 140 sxs
Intermediate Casing	0.0	1100	Circ 213 sxs
Production Casing	3120.0	710	TOC by Temp Sur
Production Casing	5840.0	285	TOC @ DV Tool
Tubing String - Primary Tubing			
Item (in)	Top (ftKB)	Len (ft)	Jnts ID Wt Grd Thd
2.875 in Tubing	0.0	7097.0	226 2.441 6.50 J-55 8rd
5.500 in Baker TAC	7097.0	3.0	0.000 0.00
2.875 in Tubing	7100.0	126.0	4 2.441 6.50 J-55 8rd
2.875 in SN	7226.0	1.0	0.000 0.00
2.875 in PS	7227.0	4.0	0.000 0.00
2.875 in MA	7231.0	32.0	0.000 0.00
Other (plugs, equip., etc.) - Plug Back			
Date	Item		Int (ftKB)
8/24/1997	Cement Plug		7350.0 - 7442.0
Perforations			
Date	Int	Zone	Shots (ft) Type
9/3/1997	7200.0 - 7210.0		2.0 JET
Stimulations & Treatments			
Date	Type	Fluid	Int Sand Comments
9/4/1997	Sand Frac		7200.0 - 7210.0

WELL HISTORY

WELL NAME: POKER LAKE UNIT # 137

FIELD NAME: FORTY-NINER RIDGE (DELAWARE) SW

LOCATION: 330' FNL & 330' FWL, UNIT LTR D
SEC 32, T-23-S, R-32-E
EDDY CO., NM

ELEV: 3125' GR, 3141' KB

SPUD DATE: 8/7/97 RIG RELEASE: 8/24/97

COMP DATE: 9/9/97

ORIG TD: 7442'

ORIG PBTD: 7350'

CASING: 11 3/4", 42#, WC-40, STC CSA 612'. CMT W/440 SXS CL C. CIRC 140 SXS TO SURFACE. 14 3/4" HOLE 0-617'.
8 5/8", 25#, WC-50, LTC CSA 3448', CMT W/1100 SXS CL C. CIRC 213 SXS TO SURFACE. 11' GIEK 617-3448'.
5 1/2", 15.5#, J-55 & K-55 LTC CSA 7442'. DV TOOL @ 5846'. CMT 1ST STG. W/285 SXS CL H. EST TOC @ 5846'. CMT 2ND STG. W/710 SXS CL C. TOC 3120' BY TEMP SUR.

TUBING: 2 7/8", 6.5#, EUE 8RD

DST: NONE

CORES & LOGS: NO CORES
LOGS: SCHLUMBER WELL SERVICE 8/22/97
PLATFORM EXPRESS ARRAY INDUCTION GAMMA RAY 3446-7436'
PLATFORM EXPRESS LITHO DENSITY COMP. NEUTRON GR 180-7436'

INITIAL COMPLETION
9/1-10/97 **PERF & FRAC LBC "Y & Z" SAND (7100-7210')**
Tag DV tool @ 5992', DO to PBTD @ 7350'. **PERF:** 7200-7210' w/ 2 JSPF @ 180° phasing. **ACID:** RU Dowell, pump 250 gals 15% HCL. Break down fm w/2100 psi @ tbg. **FRAC:** w/46,900 gals YF 130 + 202,000# 20/40 Brady Sd + 50,000# RCS. SION. Flow back 45 bbls & died. Tag sand fill @ 7223', wash sand to PBTD @ 7350. SDON Tag sand fill @ 7335' (15' fill-21 hrs.). Place well on prod.
IP 9/12/97 160 BO, 250 MCF, 431 BW.

3/30/98 **RUN BHP SURVEY**
Tag fill @ 7283' (49' entry since 9/6/97, 76' below bottom perf). Run BHP bomb on rod string. Test well. Well SI 4/15/98. Pull BHP bomp 4/29/98. Retrurn well to production.

5/11/98 **LOWER PUMP DEPTH**

Appropriate
Office
Lease - 6 copies
Lease - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

OIL CONSERVATION DIVISION

2040 Pacheco St.
Santa Fe, NM 87505

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL API NO.
30-015-29715

5. Indicate Type Of Lease
STATE FEE

6. State Oil & Gas Lease No.
001796

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

CONFIDENTIAL

1a. Type of Well: OIL WELL GAS WELL DRY OTHER _____

b. Type of Completion: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF RESVR OTHER _____

7. Lease Name or Unit Agreement Name
Poker Lake Unit

2. Name of Operator
Bass Enterprises Production Co.

8. Well No.
#137

3. Address of Operator
P.O. Box 2760 Midland, TX 79702-2760

9. Pool name or Wildcat
Forty-Niner Ridge, (Delaware), SW

4. Well Location
Unit Letter D : 330' Feet From The North Line and 330' Feet From The West Line

Section 32 Township 23S Range 30E NMPM Eddy County

10. Date Spudded 8/7/97 11. Date T.D. Reached 8/26/97 12. Date Compl.(Ready to Prod.) 9/9/97 13. Elevations(DF & RKB, RT, GR, etc.) 3125' KB 14. Elev. Casinghead ---

15. Total Depth 7442' 16. Plug Back T.D. 7350' 17. If Multiple Zones Single 18. Directional Drilled By Rotary Tools 19. Cable Tools ---

19. Producing Interval(s), of this completion - Top, Bottom, Name
7200-10' (Delaware)

20. Was Directional Survey Made
No

21. Type Electric and Other Logs Run
Litho-Density Compensated Neutron/GR

22. Was Well Cored
No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	612'	14-3/4"	440 sx, Circ	NA
8-5/8"	28#	3448'	11"	1100 sx, Circ	NA
5-1/2"	15.5#	7442'	7-7/8"	995 sx, TOC 3120' TS	NA

LINER RECORD

TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NA					2-7/8"	7011'	6973' SN

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26. Perforation record (interval, size, and number)
7200-10' (10', 20 shots)
Perf w/ gamma gun loaded w/ 19 gram GOEX charges @ 2
JSPF w/ 180 degree phasing.

27. ACID, SHOT, FRACTURE, CEMENT, SOEZE, ETC.
DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED
7200-10' | 250 gals 15% HCl acid w/ additives
Frac w/ 46,764 gals YF130 +
250,501# 20/40 Brady Sand

PRODUCTION

28. Date First Production 9/10/97 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2-1/2" x 1-1/2" x 24' Well Status (Prod. or Shut-in) Shut-In*

Date of Test 9/12/97 Hours Tested 24 Choke Size NA Prod'n For Test Period 160 Oil - Bbl. 160 Gas - MCF 254 Water - Bbl. 431 Gas - Oil Ratio 1587

Flow Tubing Press. --- Casing Pressure --- Calculated 24-Hour Rate 160 Oil - Bbl. 160 Gas - MCF 254 Water - Bbl. 431 Oil Gravity - API (Corr.) 41.4

29. Disposition of Gas (Sold, used for fuel, vented, etc.)
Sales, Lease Use

Test Witnessed By _____

30. List Attachments
Inclination Report, C-102, C-104, Logs *Shut-In pending battery construction

31. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature Jami L. Wilber Printed Name Tami L. Wilber Title Production Clerk Date 10/7/97

DISTRICT II

Lyawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

CONFIDENTIAL

AMENDED REPORT

DISTRICT III

1000 Rio Brazos Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29715	Pool Code 96472	Pool Name Forty-Niner Ridge (Delaware), SW
Property Code 001796	Property Name POKER LAKE UNIT	Well Number 137
OGRD No. 001801	Operator Name BASS ENTERPRISES PRODUCTION COMPANY	Elevation 3127'

Surface Location

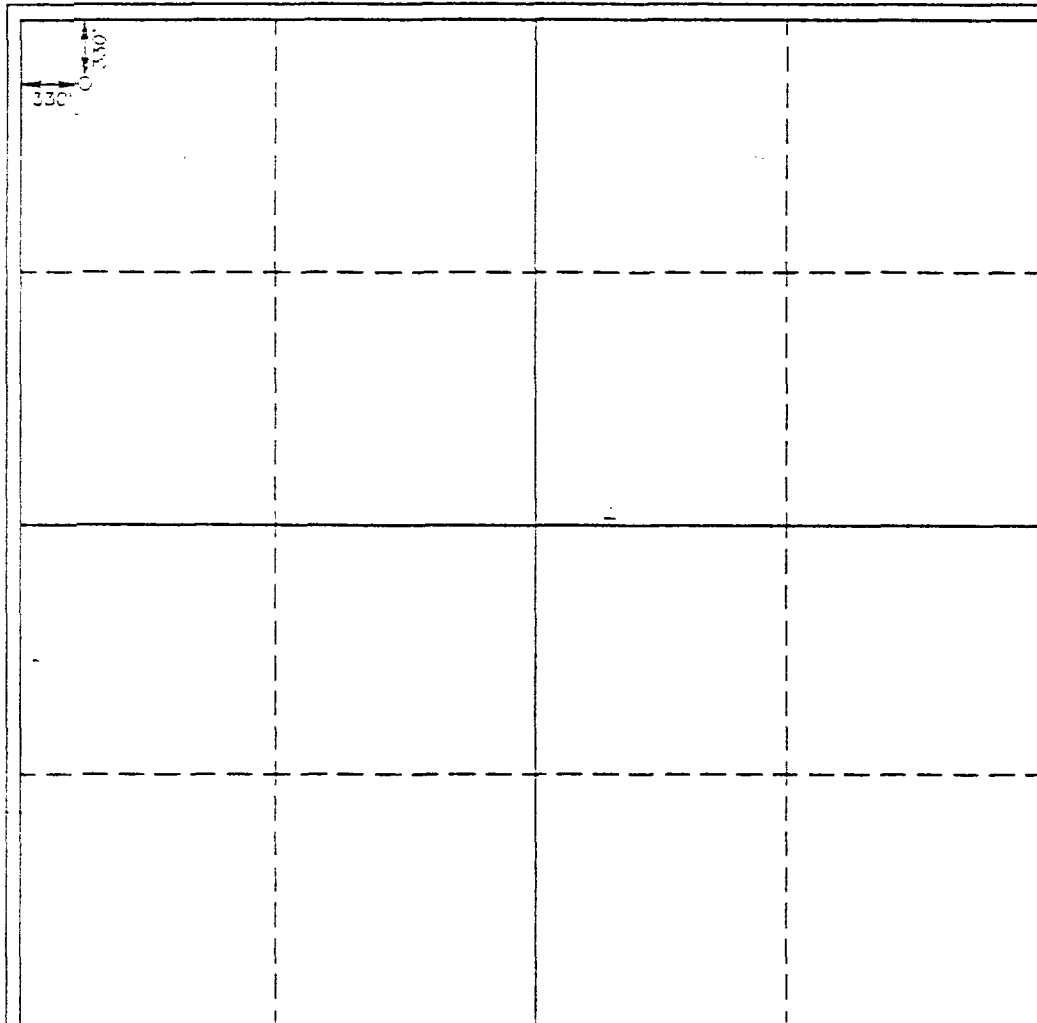
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	23 S	30 E		330	NORTH	330	WEST	EDDY

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	Joint or Infill	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 that the information contained herein is true and complete to the best of my knowledge and belief.

Tami L. Wilber
Signature

Tami L. Wilber
Printed Name

Production Clerk
Title

10/7/97
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.

June 26, 1997
Date Surveyed

Jay L. Jones
Signature & Seal of Professional Surveyor

W.O. Num. 7382

Certificate No. GARY L. JONES. 7977

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.
FORT WORTH, TEXAS 76102-3131
817/390-8400

June 7, 2000

JWB - 8

FEDERAL EXPRESS

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87504

Attention: Roy Johnson

Re: Commercial Determinations
Poker Lake Unit No. 129
Section 20, T24S-R31E
Poker Lake No. 91
Section 12, T25S-R30E
Eddy County, New Mexico

Gentlemen:

Please find attached hereto Bass' commercial determinations for the referenced wells indicating that both wells are noncommercial. Neither of these wells is located in a participating area, therefore Bass will not submit participating areas or revisions thereof. Should you be agreement that the above wells are noncommercial, please signify by executing one (1) copy of this letter in the space provided below and returning same to the undersigned at your earliest convenience. Should you have any questions or comments in regard to the above commercial determinations, please don't hesitate to contact the undersigned.

Very truly yours,


J. Wayne Bailey

JWB:ca

AGREED and ACCEPTED this _____ day of _____, 2000

NEW MEXICO OIL CONSERVATION DIVISION

By: _____

Its: _____

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL POKER LAKE UNIT #91 FORMATION DELAWARE
 LOCATION D UNIT, 460 FEET FROM NORTH LINE & 330 FEET FROM WEST LINE
 SECTION 12 TOWNSHIP 25 S, RANGE 30E, COUNTY EDDY, NEW MEXICO
 SPUD DATE 6/1/97 COMPLETION DATE 7/1/97 INITIAL PRODUCTION 7/22/97
 PERFORATIONS 7740-50', 6721-25', 6651' - 55', 6519' - 23'

STIMULATION:

ACID 7740-50' -250 Gals 15% HCL, 6721-6655' - 1500 Gals 15% HCL

FRACTURE 7740-50' - Frac w/ 33,000 gals YF130 147,730# 20/40 Brady Sd 500# 20/40 RCS

(1/29/98) 6519' - 6721' - Frac w/ 28,000 Gals SFG 2500 101,000# 16/30 Brady Sd 53,000# 12/20 RCS

POTENTIAL 7/24/97 52 BO 186 BW 52 MCF

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED		SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE	
Area (A) proration unit size, acres	<u>40</u>	<u>40</u>		
Porosity (por), %	<u>12.0%</u>	<u>14.0%</u>		
Water saturation (Sw), %	<u>60%</u>	<u>85%</u>		
Net Thickness (h), ft.	<u>9</u>	<u>67</u>		
Temperature (T), Fahrenheit	<u>120</u>	<u>120</u>		
Bottom Hole pressure (P), psia	<u>3,328</u>	<u>2,860</u>		
Recovery factor (RF), %	<u>10%</u>	<u>10%</u>		
Recoverable oil, BBLS *(See eq. below)	<u>8,937</u>	<u>29,108</u>		

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)$

Bol = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO	<u>4/1/00</u> ; <u>8,958</u> BBLs
INITIAL RATE (qi)	<u>6</u>
ECONOMIC LIMIT (ql)	<u>3</u>
DECLINE RATE, dy	<u>Harmonic d = 27%</u>
REMAINING OIL (Q) =	<u>3,342</u>
ULTIMATE RECOVERABLE OIL (MBO)	<u>12,300</u>

(Attach plot showing proration unit and participating area.)

ECONOMIC

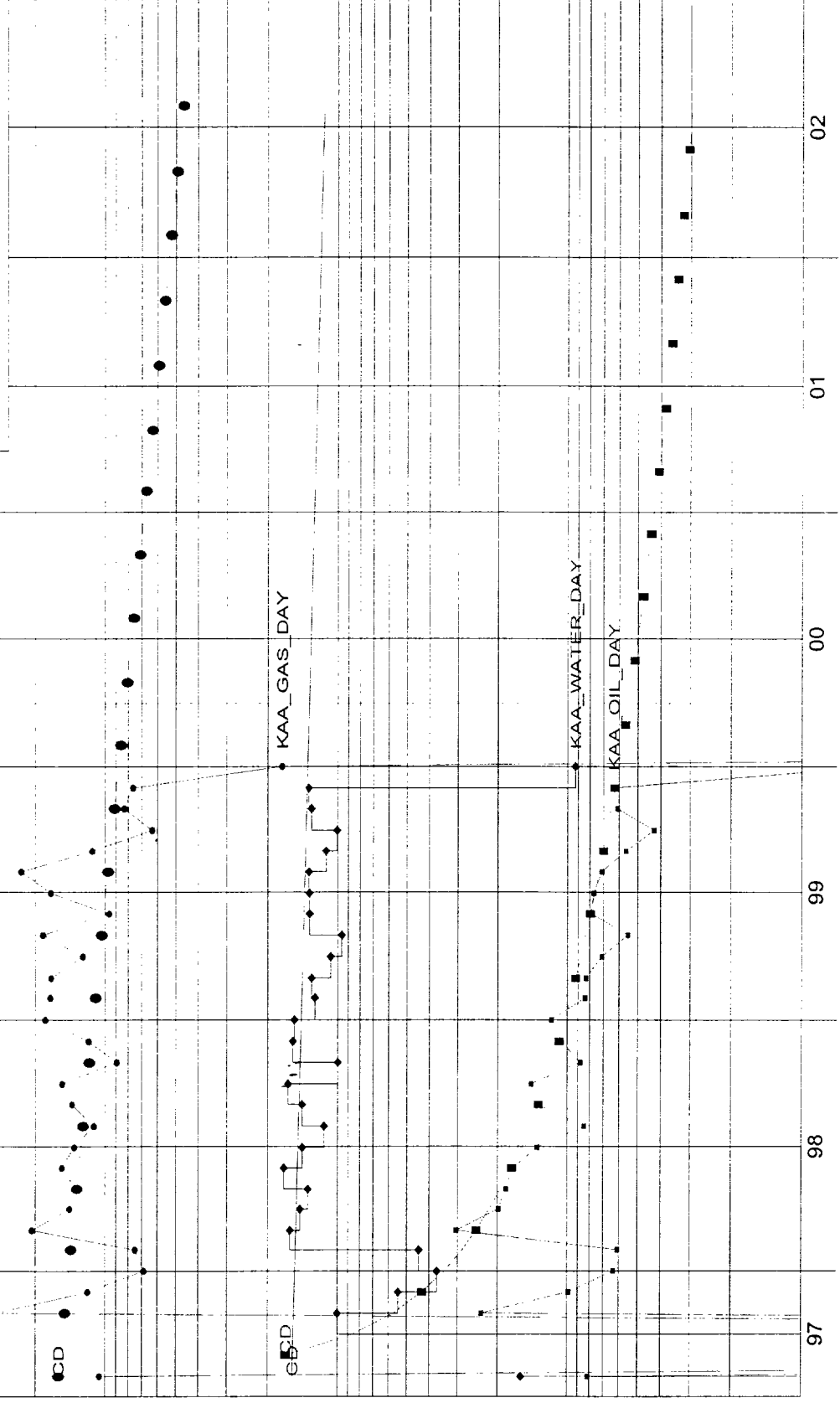
WELL COST \$	<u>784,400</u>	(to the depth of formation completed)
RECOMPLETION COST \$	<u>81,200</u>	
TOTAL COST \$	<u>865,600</u>	

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-784,400</u>
1	<u>1,500</u>	<u>30,200</u>	<u>12,400</u>	<u>15,200</u>
2	<u>5,200</u>	<u>72,700</u>	<u>36,100</u>	<u>-48,700</u>
3	<u>2,300</u>	<u>47,400</u>	<u>33,400</u>	<u>8,900</u>
4	<u>1,300</u>	<u>36,800</u>	<u>22,400</u>	<u>8,500</u>
5	<u>1,400</u>	<u>34,000</u>	<u>20,800</u>	<u>7,300</u>
6	<u>700</u>	<u>14,800</u>	<u>12,100</u>	<u>13,500</u>
7	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
8	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
9	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
10	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>
REMAINDER	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>

WELL IS NOT COMMERCIAL

WATER-BWPD 1000
 GAS-MCFD 10
 OIL-BOPD 1

POKER LAKE UNIT # 91
 CORRAL CANYON, NE
 EDDY COUNTY, NM



Series	CD	Qual	Ref	Cum	Rem	EUR	Yrs	Qref	De	b	Qab
KAA_OIL_DAY	4/2000	8958	3368	12326	2,417	5.5	27.040583	1.010000	2.9		
KAA_GAS_DAY	4/2000	11345	5473	16818	2,400	8.2	21.910000	0.000000	4.5		
KAA_WATER_DAY	4/2000	96711	101923	198634	2,333	133.1	6.070000	0.000000		115.6	

600 OPC/T	1732.00	1732.00	\$/M	TO	LIFE	PC	0.00	6/1997	1732.000	1732.000
601 OPC/WTR	0.31	0.31	\$/U	TO	LIFE	PC	0.00	6/1997	0.310	0.310
602 STX/OIL	7.08	X	%	TO	LIFE	PC	0.00	7/2002	0.071	0.071
604 STX/GAS	7.93	X	%	TO	LIFE	PC	0.00	7/2002	0.079	0.079
605 ATX	0.15	0.02	%	TO	LIFE	FLAT	0.00	7/2002	0.002	0.002
705 LSE/WI	100.0000	D	%	TO	LIFE	FLAT	0.00	7/2002	1.000	1.000
720 NET/OIL	85.5000	D	%	TO	LIFE	FLAT	0.00	7/2002	0.855	0.855
740 NET/GAS	85.5000	D	%	TO	LIFE	FLAT	0.00	7/2002	0.855	0.855
780 LSE/NPI	0.0000	D	%	TO	LIFE	FLAT	0.00	7/2002		

OVERLAYS	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
900 OIL	07/1997 252 0 0 730 296 196 189 853 615 552 532 406 #			13.579	6/1998			
901 "	X 262 419 431 273 318 364 260 233 220 165 245 231 220 #			17.220	7/1999			
902 "	X 174 128 189 190 15 0 0 0 #			17.916	3/2000			
903 GAS	07/1997 328 0 0 911 357 213 232 580 442 398 478 408 #			15.692	6/1998			
904 "	X 346 431 461 277 353 563 536 480 387 557 298 516 710 #			21.607	7/1999			
905 "	X 352 190 258 229 54 0 0 0 #			22.690	3/2000			
906 WTR	07/1997 493 0 0 3113 1635 1148 1375 4505 4515 4042 #			20.826	4/1998			
907 "	X 5292 4272 3557 4425 4919 3101 4692 4779 3897 3639 #			63.399	2/1999			
908 "	X 3331 2883 4113 3991 4141 3493 3025 4038 4010 287 0 #			96.711	1/2000			
909 "	X 0 0 0 #			96.711	3/2000			

INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R
800 DRILL	232.60	551.70 M\$G	07/1997 AD	784.300	7/1997	0	784.3	784.3
801 WRKOV	0.00	81.20 M\$G	01/1998 AD	81.200	1/1998	0	81.2	81.2
802 SALV	-20.00	0.00 M\$G	TO	-20.000	7/2002	0	-20.0	-20.0

RESERVE PARAMETERS	ITEM	ITEM
201 CUMO, MB	8.96	CUMG, MMF
250 LOSS	NO	CUML, MB

PROJECT ASSUMPTIONS

BASE DATE : 07/1997 TIME FRAMES : 6,48*12,618

P.W. DATE : 07/1997 PW &-AGE : 10.0

REPORT DATE : 07/1997 PROD QUAL : CD OWNER QUAL : CD DISC. FREQUENCY : MO OTHER QUAL : NONE

NET/WTR WI

RESERVES AND ECONOMICS
 AS OF DATE: 07/1997

PERIOD ENDING 12/1997 12/1998 12/1999 12/2000 12/2001 12/2002 TOTAL 5.1 YR

OWNERSHIP

1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000
 2) REVENUE INTEREST, % 85.500 85.500 85.500 85.500 85.500 85.500 85.500

INVESTMENTS, M\$

3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 4) EQUITY INVESTMENTS 784.3 81.2 0.0 0.0 0.0 -20.0 845.5
 5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 845.5

OIL PHASE

8) GROSS OIL, MB 1.5 5.2 2.3 1.3 1.4 0.7 12.3
 9) NET OIL, MB 1.3 4.5 1.9 1.1 1.2 0.6 10.5
 10) OIL REVENUE, M\$ 25.1 60.8 35.8 29.8 26.8 11.7 190.0
 11) OIL PRICE, \$/B 19.94 13.63 18.45 26.34 22.76 20.48 18.03

GAS PHASE

12) GROSS GAS, MMF 1.8 5.0 4.6 2.1 2.2 1.1 16.7
 13) NET GAS, MMF 1.5 4.2 3.9 1.8 1.9 0.9 14.3
 14) GAS REVENUE, M\$ 5.1 11.9 11.6 7.0 7.2 3.2 45.9
 15) GAS PRICE, \$/MCF 3.290 2.810 2.970 3.950 3.790 3.510 3.221

ECONOMICS, M\$

19) GROSS REV. TO INTR. 30.2 72.7 47.4 36.8 34.0 14.8 235.9
 20) - SEV. TAX 2.2 5.2 3.5 2.7 2.5 1.1 17.1
 21) - AD VALOREM TAX 0.0 0.1 0.1 0.1 0.0 0.0 0.3
 22) - OPERATING COSTS 12.4 36.1 33.4 22.4 20.8 12.1 137.2
 23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 24) - CAPITAL REPAYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0
 28) = NET INCOME 15.6 31.2 10.4 11.7 10.7 1.6 81.3
 29) - INVESTMENTS & RSK 784.3 81.2 0.0 0.0 0.0 -20.0 845.5
 30) = BFIT NET -768.7 -50.0 10.4 11.7 10.7 21.6 -764.2

PRESENT WORTH @ 10.00 %

31) NET INCOME 15.2 28.7 8.9 8.5 7.3 1.0 69.6
 32) INVESTMENTS & RISK 784.3 77.4 0.0 0.0 0.0 -12.4 849.3
 33) BFIT NET -769.1 -48.7 8.9 8.5 7.3 13.5 -779.8
 34) CUM BFIT NET -769.1 -817.9 -809.0 -800.5 -793.2 -779.8 -779.8

A F T E R T A X E C O N O M I C S

AS OF DATE: 07/1997
 12/1997 12/1998 12/1999 12/2000 12/2001 12/2002 5.1 YR TOTAL

TAX TREATMENT OF INVESTMENTS, M\$

1) EXP. RISK & CAP INT	0.0	81.2	0.0	0.0	0.0	0.0	0.0	81.2
2) DEPLETABLE	551.7	0.0	0.0	0.0	0.0	0.0	0.0	551.7
3) DEPRECIABLE	232.6	0.0	0.0	0.0	0.0	0.0	-20.0	212.6

TAX CALCULATIONS, M\$

4) GROSS REV. TO INTR.	30.2	72.7	47.4	36.8	34.0	14.8	235.9
5) - SEVERANCE TAX	2.2	5.2	3.5	2.7	2.5	1.1	17.1
6) - OPR. COSTS & ATX	12.4	36.2	33.5	22.5	20.8	12.1	137.6
7) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0
8) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0
9) - OVERHEAD	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10) - EXPENSED INV.	0.0	81.2	0.0	0.0	0.0	0.0	81.2
11) - DEPRECIATION	69.8	48.8	34.2	23.9	16.8	39.1	232.6
12) = NET	-54.2	-98.8	-23.8	-12.2	-6.1	-37.5	-232.5
13) - DEPLETION TAKEN	66.0	233.4	101.6	59.3	61.6	29.8	551.7
14) - INTEREST PD & CAP	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15) = TAXABLE	-120.1	-332.2	-125.4	-71.6	-67.7	-67.3	-784.2
16) * TAX RATE, %	34.0	34.0	34.0	34.0	34.0	34.0	34.0
17) - TAX CREDIT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
18) = F.I.T.	-40.8	-112.9	-42.6	-24.3	-23.0	-22.9	-266.6

19) REVENUE-SEV	28.0	67.5	44.0	34.1	31.5	13.8	218.8
20) - OPR. COSTS & ATX	12.4	36.2	33.5	22.5	20.8	12.1	137.6
21) - NPI PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0
22) + NPI OWNED	0.0	0.0	0.0	0.0	0.0	0.0	0.0
23) - F.I.T.	-40.8	-112.9	-42.6	-24.3	-23.0	-22.9	-266.6
24) = A.F.I.T.	56.5	144.2	53.1	36.0	33.7	24.5	347.9
25) - LOAN REPAYMENT	0.0	0.0	0.0	0.0	0.0	0.0	0.0
26) - INTEREST PAID	0.0	0.0	0.0	0.0	0.0	0.0	0.0
27) = NET INCOME	56.5	144.2	53.1	36.0	33.7	24.5	347.9
28) - INVESTMENTS & RSK	784.3	81.2	0.0	0.0	0.0	-20.0	845.5
29) = A.F.I.T. NET	-727.8	63.0	53.1	36.0	33.7	44.5	-497.6

PRESENT WORTH @ 10.00 %

30) NET INCOME	55.1	131.1	43.9	27.1	23.0	15.5	295.6
31) INVESTMENTS & RISK	784.3	77.4	0.0	0.0	0.0	-12.4	849.3
32) A.F.I.T. NET	-729.2	53.6	43.9	27.1	23.0	27.9	-553.7
33) CUM. A.F.I.T. NET	-729.2	-675.5	-631.7	-604.6	-581.6	-553.7	-553.7

E C O N O M I C I N D I C A T O R S

AS OF DATE: 07/1997

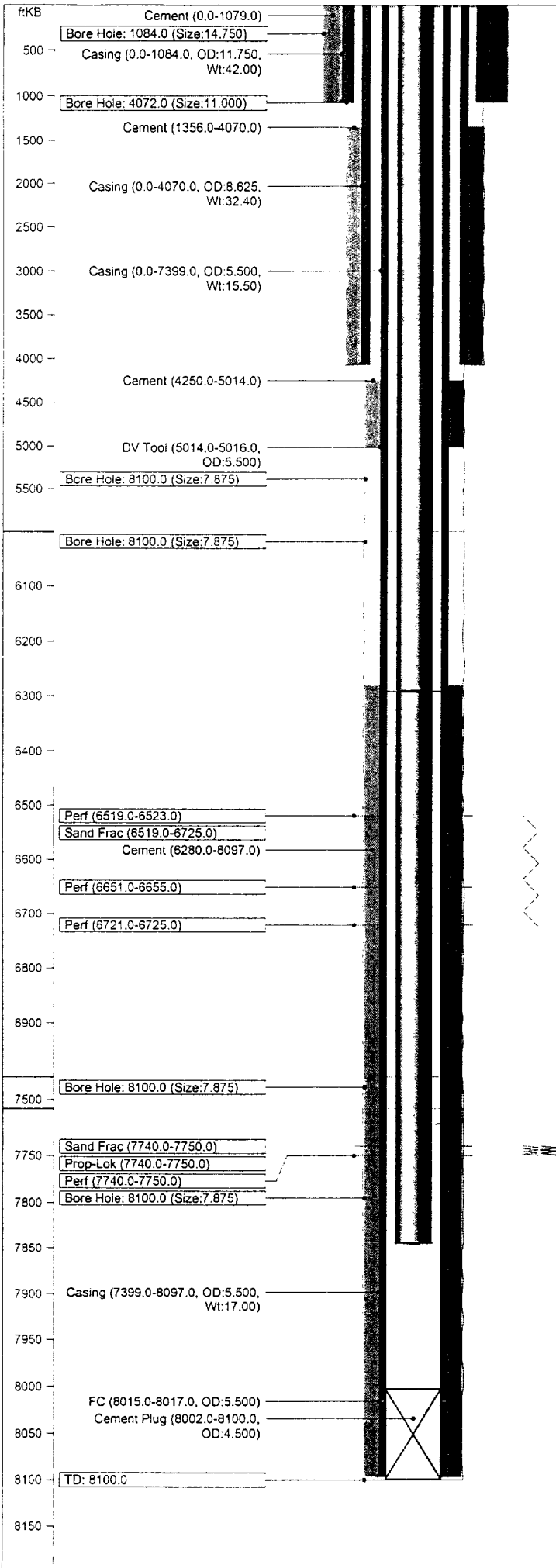
B.F.I.T. WORTH M\$-----
 A.F.I.T. WORTH M\$-----
 A.F.I.T. BONUS M\$-----

PRESENT WORTH PROFILE AND RATE-OF-RETURN VS. BONUS TABLE

0.	-764.240	-497.598	-753.937
5.	-772.986	-528.438	-767.294
10.	-779.752	-553.663	-776.784
15.	-785.046	-574.577	-783.683
20.	-789.229	-592.130	-788.792
25.	-792.563	-607.025	-792.630
30.	-795.240	-619.792	-795.547
35.	-797.404	-630.834	-797.783
40.	-799.162	-640.463	-799.508
50.	-801.772	-656.407	-801.882
60.	-803.530	-669.034	-803.310
70.	-804.718	-679.257	-804.149
80.	-805.514	-687.691	-804.613
90.	-806.038	-694.759	-804.832
100.	-806.367	-700.765	-804.887

RATE OF RETURN, PCT.	0.0	0.0
UNDISCOUNTED PAYOUT, YRS.	5.08	5.08
DISCOUNTED PAYOUT, YRS.	5.08	5.08
UNDISCOUNTED NET/INVEST.	0.10	0.41
DISCOUNTED NET/INVEST.	0.08	0.35

NOTES -----



POKER LAKE UNIT #91			
API No.	3001529509	Status	ACT OIL
TD	8100.0 ftKB	Engineer	CAA
PBTD	8002.0 ftKB		
Operator	BEPCO	Permit	
Well No.	91	Spud	6/1/1997
ID Code	C%ITDLPL.091	RR	6/21/1997
Field	CORRAL CANYON, NE	Completion	7/4/1997
Author	RAS	Last Act.	
Date Updated	5/8/98	Abandoned	
Comments			
Location			
Township	25S	Top Latitude	0
		Top Longitude	0
Range	30E	Top NS Distance	360.0 ft N
		Top EW Distance	330.0 ft W
Section	12	Bottom Latitude	0
Unit Ltr.	D	Bottom Longitude	0
State	NEW MEXICO	Btm NS Distance	0.0 ft
County	EDDY	Btm EW Distance	0.0 ft
Elevations			
KB	3372.5 ft	Cas Flng	0.0 ft
Grd	3355.7 ft	Tub Head	0.0 ft
KB-Grd	16.8 ft		
Bore Hole Data			
	Depth (ftKB)		Size (in)
	1084.0		14.750
	4072.0		11.000
	8100.0		7.875
Casing String - Surface Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
11.750 in Casing	1084.0	25	11.078 42.00 WC-40 STC
Casing String - Intermediate Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
8.625 in Casing	4070.0	93	7.922 32.40 WC-40 LTC
Casing String - Production Casing			
Item (in)	Btm (ftKB)	Jnts	ID Wt Grd Thd
5.500 in Casing	7399.0	161	4.953 15.50 K-55 LTC
5.500 in DV Tool	5016.0		0.000 0.00
5.500 in Casing	8097.0	18	4.891 17.00 Mixed LTC
5.500 in FC	8017.0		0.000 0.00
Casing Cement			
Casing String	Top (ftKB)	Amount (sx)	Comments
Surface Casing	0.0	625	Circ 161 sxs
Intermediate Casing	1356.0	1550	TOC @ 1356' (Temp Sur)
Production Casing	4250.0	300	TOC @ 4250 (CBL)
Production Casing	6280.0	440	TOC 6280' (CBL)
Tubing String - Primary Tubing			
Item (in)	Top (ftKB)	Len (ft)	Jnts ID Wt Grd Thd
2.875 in Tbg	0.0	6290.0	202 2.441 6.50 J-55 8rd
4.328 in TAC	6290.0	3.0	0.000 0.00
2.875 in Tbg	6293.0	1551.0	50 2.441 63.50 J-55 8rd
3.063 in Mech SN	7844.0	1.0	2.250 0.00
1.000 in Strainer	7845.0	1.0	0.000 0.00
Nipple			
Other (plugs, equip., etc.) - Plug Back			
Date	Item		Int (ftKB)
6/21/1997	Cement Plug		8002.0 - 8100.0
Perforations			
Date	Int	Zone	Shots (ft) Type
6/30/1997	7740.0 - 7750.0		2.0 Jet
1/28/1998	6519.0 - 6523.0		1.0 Jet
1/28/1998	6651.0 - 6655.0		1.0 Jet
1/29/1998	6721.0 - 6725.0		1.0 Jet
Stimulations & Treatments			
Date	Type	Fluid	Int Sand Comments
7/1/1997	Sand Frac		7740.0 - 7750.0 Screened Out
1/16/1999	Prop-Lok		7740.0 - 7750.0 5 Bbls Prop-Lok w/25 ball sealers
1/30/1999	Sand Frac		6519.0 - 6725.0

WELL HISTORY

WELL NAME: POKER LAKE UNIT #91
FIELD NAME: CORRAL CANYON, N.E.
LOCATION: 460' FNL & 330' FWL
SEC 12, T-25-S, R-30-E
EDDY CO., NM
ELEV: 3355.7' GL, 3370.5' RF, 3372.5' KB
SPUD DATE: 6/1/97, RIG RELEASE: 6/21/97
COMP DATE: 7/4/97
ORIG TD: 8100'
ORIG PBTD: 8017
CASING: 11 3/4", 42#, WC-40, ST&C CSA 1084', cmt w/625 sxs Class "C", circ 161 sxs.
8 5/8" 32#, WC-50, LT&C CSA 4070', cmt w/1550 sxs Class "C", TOC 1356' by
TS.
5 1/2", 15.5 & 17#, K-55 & LS, LT&C CSA 8097', cmt 1st stg. W/440 sxs Cl "H",
full to partial returns, TOC 6280' by CBL. Cmt 2nd stg. W/300 sxs Cl
"C", full returns, TOC 4230 by CBL.
TUBING: 2 7/8", EUE, 8 RD, J-55.
DST: None
CORES & LOGS: No Cores.

Logs:

Schlumberger 6-19-97

Platform Express: Three Det. Den. Comp Neut/GR 200-8083'

Platform Express: Array Induction Imager GR/4066-8083'

Combinable Magnetic Resonance Imager GR 7335-7400'

Black Warrior Wireline 6/30/97

CBL 4000-7900'

INITIAL COMPLETION

6/27/97-7/3/97 **PERF & FRAC LOWER BRUSHY CANYON "V" SAND (7740-50')**
DO cmt 4974-5019'. DO DV tool @ 5019'. RIH to PBTD @ 8002'. Ran
RBL-GR-CCL log from 7900-7600, 6900-6000', 5100-4700', 4300-4000'.
Found TOC @ 6280' (1st stg) and 4250 (2nd Stg). **PERF:** 7740-50' w/2
JSPF, 180° phasing. **FRAC:** W/33,000 gals YF130 + 147,730# 20/40
Brady Sd + 500# 20/40 RCS. Screened out extremely fast on RCS.
Reverse Wellbore clean to PBTD @ 8002'. RIH w/rPlaced well on
prod. **IP:** 7/24/97, 52 BOPD, 52 MCFGPD, 186 BWPD.

**Poker Lake Unit #91
Well History**

WORKOVERS:

- 7/15-18/97 **CLEAN OUT SAND & PROP-LOK**
POH w/rods & pump, tag sand fill @ 7739' FS (263' entry). POH w/tbg. Clean out fill to PBDT @ 8002', SDON. Re-tag top of fill @ 7957' (45' of entry). Clean out to BPTD @ 8002'. RU Dowell to pump 5 bbls Prop-Lok w/25 BS. Return well to prod.
- 8/12/97 Shut well down, waiting on heater treater.
- 10/4/97 Finish battery modifications, return well to production.
- 1/27/98 TO 1/31/98 **SET CIBP @ 7650' & PERF & FRAC 6721-25' (115 SH ZN), 6651-55' (JRU 13 ZN), 6519-23' (103 SH ZN)**
Set CIBP @ 7650' Perf & Frac 6519-23, 6651-55 w/1 SPF @ 0o phasing. Perf 6721-25 w/1 SPF @ 0o phasing. Frac 6519-6725 w/28,000 gals. SFG 2500 + 101,000# 16/30 Brady sand + 53,000# 12/20 RCS. RIH w/rods & pump. Place well on prod.
AWO: 2/8/98 55 BO, 274 BW, 56 MCFG.
- 3/17/98 TO 3/20/98 **DO CIBP @ 7650' & COMMINGLE ALL ZONES**
Tag top of fill @ 6760' (35' below bottom perf) w/575' of entry since 1/31/97. **DO CIBP @ 7650'**. CO to PBDT @ 8015'. RIH w/tbg. rods, & pump. Place well on prod.
AWO: 3/25/98 22 BO, 168 BW, 17 MCFG.
- 4/15/98 Pump change, tag sand @ 8010'.
- 4/21/98 **Sump Pump**
Tag sand @ 8058' (15' entry since 3/26/98-190' below bottom perf). POH w/rods, pump, tbg. RIH w/tbg, SN @ 7844'. Run rods & pump, place well on prod.

CONFIDENTIAL
UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See 811.
Instructions on
reverse side)

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

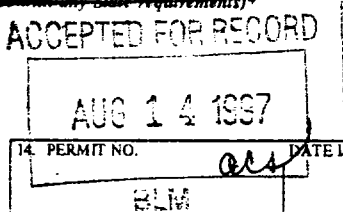
WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
 b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____

2. NAME OF OPERATOR
Bass Enterprises Production Co.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 2760 Midland, TX 79702-2760 (915) 683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: **360' FNL & 330' FWL**
At top prod. interval reported below: **Same**
At total depth: **Same**



14. PERMIT NO. _____ DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.
NM 030456

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - -

7. UNIT AGREEMENT NAME
Poker Lake Unit

8. FARM OR LEASE NAME, WELL NO.
Poker Lake Unit #91

9. API WELL NO.
30-015-29509

10. FIELD AND POOL, OR WILDCAT
Corral Canyon (Delaware), NE

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 12, T25S-R30E

12. COUNTY OR PARISH
Eddy

13. STATE
New Mexico

15. DATE SPLUDD **6/1/97** 16. DATE T.D. REACHED **6/21/97** 17. DATE COMPL. (Ready to prod.) **7/18/97** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **GL 3355.7', KB 3372.5'** 19. ELEV. CASINGHEAD - - -

20. TOTAL DEPTH, MD & TVD **8097'** 21. PLUG, BACK T.D., MD & TVD **8002'** 22. IF MULTIPLE COMPL., HOW MANY* **Single** 23. INTERVALS DRILLED BY _____ ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
7740-50' (Delaware) 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN
Electric Neutron Gamma Ray 27. WAS WELL CORED **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	1079'	14-3/4"	Circ. 625 sx Class C	NA
8-5/8"	32#	4070'	11"	Circ. 1550 sx Class C	NA
5-1/2"	15.5#, 17#	8079'	7-7/8"	TOC 5220', 740 sx Class H, C	NA

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
NA					2-7/8"	7520'	- -

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

7740-50' - Perf with 4" casing gun loaded with 2 JSPF 180 degree phasing 19 gram charges (10' - 20 shots)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7740-50'	Frac with 41,336 gals YF130 gel + 162,129# 20/40 Brady Sand

33.* PRODUCTION

DATE FIRST PRODUCTION **7/22/97** PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) **Pumping. 1-1/2" x 144" x 8-1/2" spm** WELL STATUS (Producing or shut-in) **Producing**

DATE OF TEST **7/24/97** HOURS TESTED **24 hours** CHOKE SIZE **NA** PROD'N. FOR TEST PERIOD **52** OIL - BBL **52** GAS - MCF. **186** WATER - BBL **1000** GAS - OIL RATIO

FLOW. TUBING PRESS. - - - CASING PRESSURE - - - CALCULATED 24-HOUR RATE **52** OIL - BBL **52** GAS - MCF. **186** WATER - BBL OIL GRAVITY - API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) **Sales, Lease Use** TEST WITNESSED BY _____

35. LIST OF ATTACHMENTS
C-104, Logs, Inclination Report

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
SIGNED Jami L. Wilber TITLE Production Clerk DATE 8/7/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

AMENDED REPORT

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29509	Pool Code 96209	Pool Name Corral Canyon (Delaware), NE
Property Code 001796	Property Name Poker Lake Unit	Well Number 91
OGRID No. 001801	Operator Name Bass Enterprises Production Company	Elevation 3356'

Surface Location

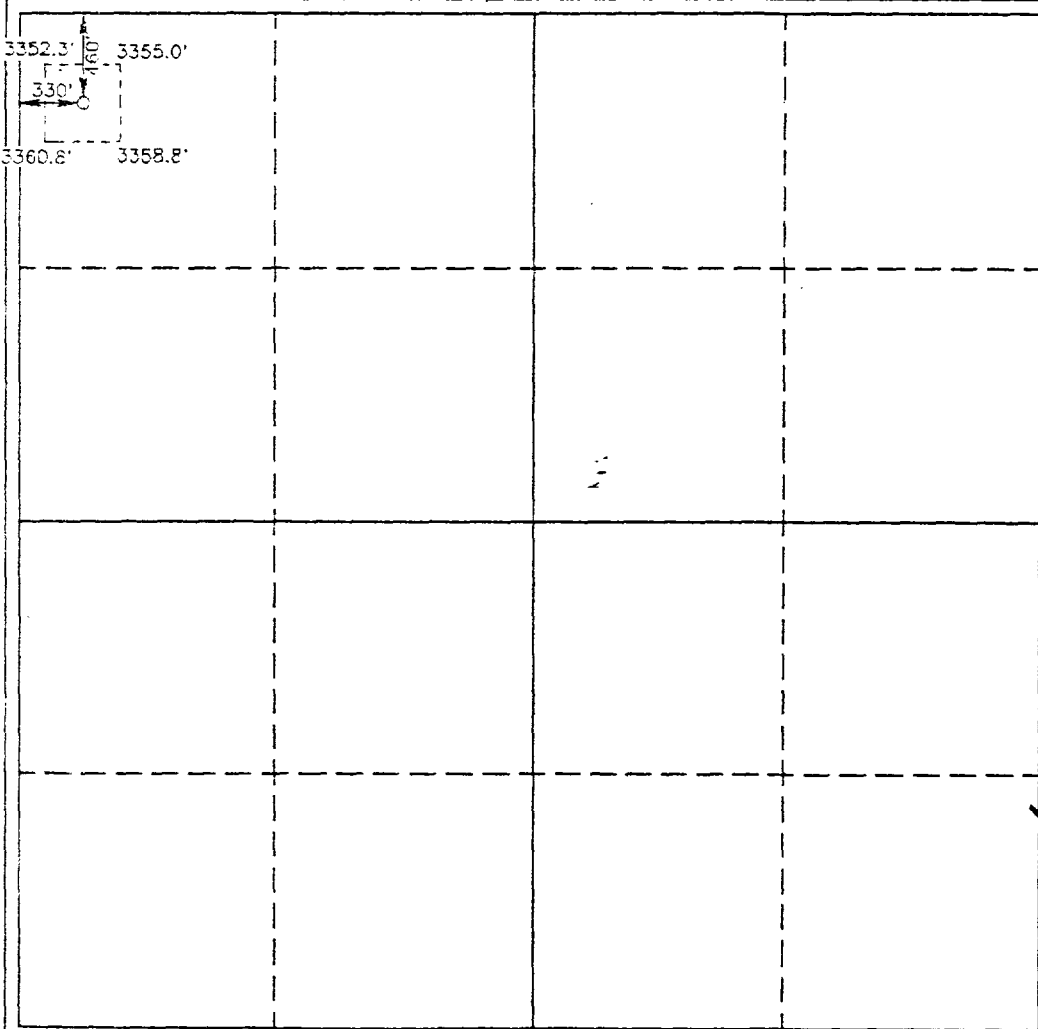
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	12	25 S	30 E		460	North	330	West	Eddy

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	Joint or Infill	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 that the information contained herein is true and complete to the best of my knowledge and belief.

Tami L. Wilber
Signature

Tami L. Wilber
Printed Name

Production Clerk
Title

10/8/97
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.

March 5, 1997
Date Surveyed

[Signature]
Signature & Seal of Professional Surveyor

NEW MEXICO
W.O. No. 7119d
Certificate No. Gary L. Jones 7977
PROFESSIONAL LAND SURVEYORS
BASIN SURVEYS

**WORKSHEET FOR COMMERCIAL DETERMINATION
AND PARTICIPATING AREA IN FEDERAL UNITS**

WELL DATA

WELL _____ POKER LAKE UNIT #129 _____ FORMATION _____ DELAWARE _____
 LOCATION _____ H _____ UNIT, _____ 1980 FEET FROM _____ NORTH LINE & _____ 660 FEET FROM _____ EAST LINE
 SECTION _____ 20 _____ TOWNSHIP _____ 24S _____, RANGE _____ 31E _____, COUNTY _____ EDDY _____, NEW MEXICO
 SPLD DATE _____ 7/13/97 _____ COMPLETION DATE _____ 8/9/97 _____ INITIAL PRODUCTION _____ 9/26/97
 PERFORATIONS _____ 8038-43' & 8168-75' _____

STIMULATION:

ACID _____ 1000 Gals 7 1/2% HCL & 25 Ball Sealers _____

FRACTURE _____ 47,900 Gals YF 130 + 252,000# 20/40 Brady Sand _____

Re-frac w/ 6320 gal YF-130 and 25,700# 20/40 RCS _____

POTENTIAL _____ 10/3/97 68 BO 179 BW 46 MCF _____

(Attach Copy of C-105. Attach Copy of Wellbore Sketch of Completed Well.)

VOLUMETRIC CALCULATION

	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (por), %	12.0%	
Water saturation (Sw), %	60%	
Net Thickness (h), ft.	31	
Temperature (T), Fahrenheit	120	
Bottom Hole pressure (P), psia	3,462	
Recovery factor (RF), %	10%	
Recoverable oil, BBLS *(See eq. below)	30,784	

*Sometimes unable to match performance due to volumetric uncertainty.

Formula = $(7758) (A) (h) (por) (1-Sw) (1/Bol) (RF)$

Bol = 1.50

PERFORMANCE DATA

(If sufficient history exists, attach plot of oil production rate v time.)

CUMULATIVE PRODUCTION TO 4/1/00 ; 11992 BBLs
 INITIAL RATE (qi) 10
 ECONOMIC LIMIT (ql) 3
 DECLINE RATE, dy Harmonic d = 12.9%
 REMAINING OIL (Q) = 20,908
 ULTIMATE RECOVERABLE OIL (MBO) 32,900

(Attach plot showing proration unit and participating area.)

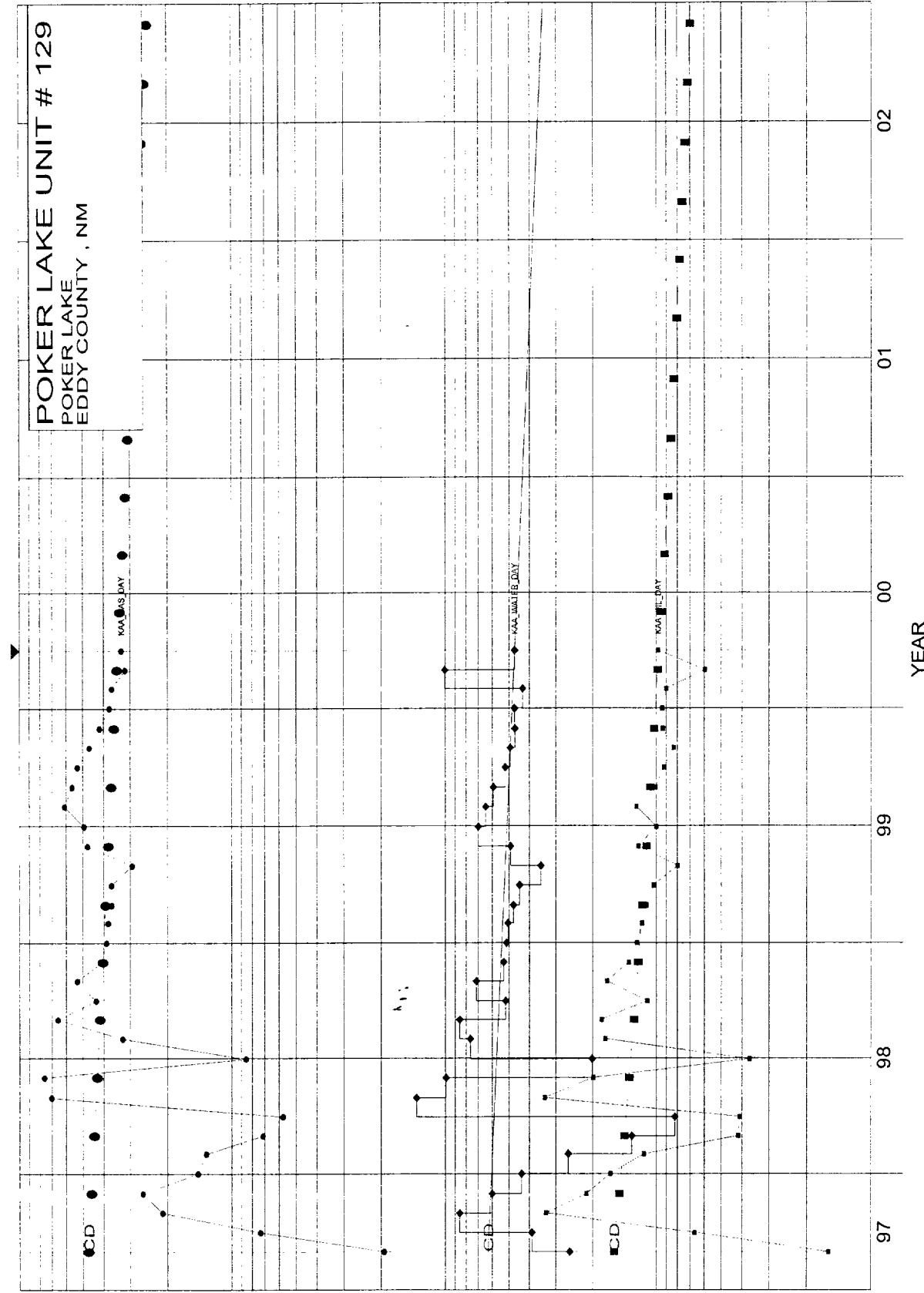
ECONOMIC

WELL COST \$ 745,900 (to the depth of formation completed)
 RECOMPLETION COST \$ 0
 TOTAL COST \$ 745,900

YEAR	GROSS OIL	REVENUE	OPERATING COST	10% NET BFIT DISCOUNTED CASH FLOW
ZERO	<u>0</u>	<u>0</u>	<u>0</u>	<u>-745,900</u>
1	<u>2,400</u>	<u>45,900</u>	<u>11,100</u>	<u>30,500</u>
2	<u>5,100</u>	<u>89,600</u>	<u>27,400</u>	<u>50,200</u>
3	<u>3,700</u>	<u>96,400</u>	<u>26,600</u>	<u>51,700</u>
4	<u>3,300</u>	<u>110,700</u>	<u>26,400</u>	<u>57,100</u>
5	<u>3,000</u>	<u>90,000</u>	<u>25,400</u>	<u>69,600</u>
6	<u>2,700</u>	<u>72,700</u>	<u>24,900</u>	<u>26,300</u>
7	<u>2,400</u>	<u>61,700</u>	<u>24,500</u>	<u>18,400</u>
8	<u>2,200</u>	<u>55,000</u>	<u>24,100</u>	<u>13,800</u>
9	<u>2,000</u>	<u>46,400</u>	<u>23,200</u>	<u>9,300</u>
10	<u>1,800</u>	<u>27,800</u>	<u>20,800</u>	<u>2,100</u>
REMAINDER	<u>4,300</u>	<u>65,200</u>	<u>55,400</u>	<u>8,200</u>

WELL IS NOT COMMERCIAL

POKER LAKE UNIT # 129
POKER LAKE
EDDY COUNTY, NM



Series	1997	1998	1999	2000	2001	2002
OIL-BOPD	~100	~1000	~100	~100	~100	~100
GAS-MCFD	~1	~1	~1	~1	~1	~1
WATER-BWPD	~100	~100	~100	~100	~100	~100

Series	CD	Qual	Ref	Cum	Rem	EUR	Yrs	Oref	De	b	Qab
KAAS OIL_DAY	4/2000	11992	28026	40018	15.004	9.7	12.941239	1.000000	3.0		
KAAS GAS_DAY	4/2000	35491	86270	121761	15.000	34.4	11.490000	0.000000	5.5		
KAAS WATER_DAY	4/2000	53450	124244	177694	15.083	47.0	10.640000	0.000000	8.7		

I N P U T D A T A				C A L C U L A T E D D A T A				
ITEM	SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
400 OIL	08/1997 49 200 1034 643 510 354 117 127 1015 616 #			4.665	5/1998			
401 "	X 111 539 563 331 529 403 383 361 312 319 239 376 301 #			9.432	6/1999			
402 "	X 384 313 277 258 280 291 279 173 305 #			11.992	3/2000			
403 START	04/2000							
404 OIL	296.20	X	B/M	12.94	12/2012	13.8	296.	102.
405 "	102.20	X	B/M	5.00	3/2015	5.0	102.	91.
406 GAS	08/1997 60 220 653 783 448 409 200 179 2117 2367 #		HAR	7.436	5/1998			
407 "	X 257 1011 2038 1303 1652 1221 1205 1181 1029 1141 #		EXP	19.474	3/1999			
408 "	X 881 1477 1483 1895 1742 1593 1447 1254 1165 1136 #			33.547	1/2000			
409 "	X 920 1024 #			35.491	3/2000			
410 START	04/2000							
411 GAS	1045.00	X	M/M	11.49	3/2015	11.4	1045.	168.
412 WTR	08/1997 800 1168 2657 1802 1352 813 365 255 4083 #			13.295	4/1998			
413 "	X 3080 603 2367 2659 1557 2217 1590 1593 1569 1334 #			31.864	2/1999			
414 "	X 1382 1060 1525 2100 2001 1840 1565 1531 1405 1460 #			47.733	12/1999			
415 "	X 1336 2920 1461 #			53.450	3/2000			
416 START	04/2000							
417 WTR	1429.10	X	B/M	10.64	4/2015	10.6	1429.	264.
418 START	08/1997							
511 PRI/OIL	16.8800	X	\$/B	0.00	3/2015		16.880	
512 "	18.39	X	\$/B	0.00	3/2015		18.390	
513 "	22.26	X	\$/B	0.00	3/2015		22.260	
514 "	20.74	X	\$/B	0.00	3/2015		20.740	20.740
515 "	14.43	X	\$/B	0.00	12/1998		14.430	14.430
516 "	19.25	X	\$/B	0.00	12/1999		19.250	19.250
517 "	27.14	X	\$/B	0.00	12/2000		27.140	27.140
518 "	23.56	X	\$/B	0.00	12/2001		23.560	23.560
519 "	21.28	X	\$/B	0.00	12/2002		21.280	21.280
520 "	19.50	X	\$/B	0.00	12/2003		19.500	19.500
521 "	19.25	X	\$/B	0.00	12/2004		19.250	19.250
522 "	19.10	X	\$/B	0.00	3/2015		19.100	19.100
523 PRI/GAS	1.8900	X	\$/M	0.00	3/2015		1.890	
524 "	1.94	X	\$/M	0.00	3/2015		1.940	
525 "	2.61	X	\$/M	0.00	7/1997		2.610	
526 "	2.59	X	\$/M	0.00	12/1997		2.590	2.590
527 "	2.11	X	\$/M	0.00	12/1998		2.110	2.110
528 "	2.27	X	\$/M	0.00	12/1999		2.270	2.270
529 "	3.25	X	\$/M	0.00	12/2000		3.250	3.250
530 "	3.09	X	\$/M	0.00	12/2001		3.090	3.090
531 "	2.81	X	\$/M	0.00	12/2002		2.810	2.810
532 "	2.84	X	\$/M	0.00	3/2015		2.840	2.840

533 PRI/OIL	-0.8000	-0.8000 \$/B	TO	LIFE	PC	0.00	3/2015	-0.800	19.100
534 PRI/GAS	0.7000	0.7000 \$/M	TO	LIFE	PC	0.00	3/2015	0.700	2.840
600 OPC/T	1732.00	1732.00 \$/M	TO	LIFE	PC	0.00	7/1997	1732.000	1732.000
601 OPC/WTR	0.31	0.31 \$/U	TO	LIFE	PC	0.00	7/1997	0.310	0.310
602 STX/OIL	7.08	X %	TO	LIFE	PC	0.00	3/2015	0.071	0.071
604 STX/GAS	7.93	X %	TO	LIFE	PC	0.00	3/2015	0.079	0.079
605 ATX	0.15	0.15 %	TO	LIFE	FLAT	0.00	3/2015	0.002	0.002
705 LSE/WI	100.0000	D %	TO	LIFE	FLAT	0.00	3/2015	1.000	1.000
720 NET/OIL	82.5000	D %	TO	LIFE	FLAT	0.00	3/2015	0.825	0.825
740 NET/GAS	82.5000	D %	TO	LIFE	FLAT	0.00	3/2015	0.825	0.825
780 LSE/NPI	0.0000	D %	TO	LIFE	FLAT	0.00	3/2015		
OVERLAYS									
		SCHEDULING RATES	SCHEDULE UNTIL	PROCEDURE	ULTIMATE	LAST	EFF. DECL	INIT. RATE	FINAL RATE
900 OIL	08/1997	49 200 1034 643 510 354 117 127 1015 616 #			4.665	5/1998			
901 "	X 111 539 563 331 529 403 383 361 312 319 239 376 301 #				9.432	6/1999			
902 "	X 384 313 277 258 280 291 279 173 305 #				11.992	3/2000			
903 GAS	08/1997	60 220 653 783 448 409 200 179 2117 2367 #			7.436	5/1998			
904 "	X 257 1011 2038 1303 1652 1221 1205 1181 1029 1141 #				19.474	3/1999			
905 "	X 881 1477 1483 1895 1742 1593 1447 1254 1165 1136 #				33.547	1/2000			
906 "	X 920 1024 #				35.491	3/2000			
907 WTR	08/1997	800 1168 2657 1802 1352 813 365 255 4083 #			13.295	4/1998			
908 "	X 3080 603 2367 2659 1557 2217 1590 1593 1569 1334 #				31.864	2/1999			
909 "	X 1382 1060 1525 2100 2001 1840 1565 1531 1405 1460 #				47.733	12/1999			
910 "	X 1336 2920 1461 #				53.450	3/2000			
INVESTMENT	TANGIBLES & INTANGIBLES	TIME	PROCEDURE	TOTAL T&I	MONTH	RISK INV.	TOT. T&I&R	ESC. T&I&R	
800 DRILL	226.80	519.10 M\$G	08/1997 AD	PC	0.00	0	745.9	745.9	
801 SALV	-20.00	0.00 M\$G	TO	LIFE	0.00	0	-20.0	-20.0	
RESERVE PARAMETERS									
		ITEM	ITEM						
250 LOSS	NO								
PROJECT ASSUMPTIONS									
BASE DATE	: 07/1997	TIME FRAMES	: 6,48*12,618						
P.W. DATE	: 07/1997	FW %-AGE	: 10.0	DISC. FREQUENCY	: MO				
REPORT DATE	: 07/1997	PROD QUAL	: CD	OWNER QUAL	: CD	OTHER QUAL	: NONE		
NET/WTR	WI								

R E S E R V E S A N D E C O N O M I C S
AS OF DATE: 07/1997

PERIOD ENDING 12/1997 12/1998 12/1999 12/2000 12/2001 12/2002 12/2003 12/2004 12/2005 12/2006 S TOT AFTER TOTAL 12.2 YR

OWNERSHIP
1) WORKING INTEREST, % 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000 100.000
2) REVENUE INTEREST, % 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500 82.500

INVESTMENTS, M\$
3) BORROWED CAPITAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
4) EQUITY INVESTMENTS 745.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 745.9 -20.0 0.0 725.9
5) RISK 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
7) TOTAL 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 725.9 0.0 725.9

OIL PHASE
8) GROSS OIL, MB 2.4 5.1 3.7 3.3 3.0 2.7 2.4 2.2 2.0 1.8 28.6 4.3 32.9
9) NET OIL, MB 2.0 4.2 3.1 2.7 2.5 2.2 2.0 1.8 1.6 1.5 23.6 3.6 27.2
10) OIL REVENUE, M\$ 40.1 57.2 56.5 71.4 56.4 45.0 37.0 33.2 30.2 27.8 454.7 65.2 519.9
11) OIL PRICE, \$/B 19.94 13.63 18.45 26.34 22.76 20.48 18.70 18.45 18.30 18.30 19.27 18.30 19.14

GAS PHASE
12) GROSS GAS, MMF 2.2 14.0 16.3 12.1 10.8 9.5 8.4 7.5 5.6 0.0 86.3 0.0 86.3
13) NET GAS, MMF 1.8 11.5 13.4 10.0 8.9 7.9 7.0 6.2 4.6 0.0 71.2 0.0 71.2
14) GAS REVENUE, M\$ 5.9 32.4 39.9 39.3 33.7 27.6 24.6 21.8 16.3 0.0 241.5 0.0 241.5
15) GAS PRICE, \$/MCF 3.290 2.810 2.970 3.950 3.790 3.510 3.540 3.540 3.540 0.000 3.393 0.000 3.393

ECONOMICS, M\$
19) GROSS REV. TO INTR. 45.9 89.6 96.4 110.7 90.0 72.7 61.7 55.0 46.4 27.8 696.2 65.2 761.4
20) - SEV. TAX 3.3 6.6 7.2 8.2 6.7 5.4 4.6 4.1 3.4 2.0 51.3 4.6 56.0
21) - AD VALOREM TAX 0.1 0.1 0.1 0.2 0.1 0.1 0.1 0.1 0.1 0.0 1.0 0.1 1.1
22) - OPERATING COSTS 11.1 27.4 26.6 26.4 25.4 24.9 24.5 24.1 23.2 20.8 234.2 55.4 289.7
23) - SWD 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
24) - CAPITAL REPRYMENT 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
25) - INTEREST PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
26) - NPI PAID 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
27) + NPI OWNED 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
28) = NET INCOME 31.5 55.5 62.5 76.0 57.8 42.3 32.5 26.8 19.8 0.0 409.7 5.0 414.7
29) - INVESTMENTS & RSK 745.9 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 745.9 -20.0 725.9
30) = BFIT NET -714.4 55.5 62.5 76.0 57.8 42.3 32.5 26.8 19.8 5.0 -336.2 25.0 -311.2

PRESENT WORTH @ 10.00 %
31) NET INCOME 30.5 50.2 51.7 57.1 39.6 26.3 18.4 13.8 9.3 2.1 298.9 1.9 300.7
32) INVESTMENTS & RISK 740.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 740.0 -6.3 733.7
33) BFIT NET -709.5 50.2 51.7 57.1 39.6 26.3 18.4 13.8 9.3 2.1 -441.1 8.2 -432.9
34) CUM BFIT NET -709.5 -659.3 -607.7 -550.6 -511.0 -484.7 -466.3 -452.6 -443.3 -441.1 -432.9 -432.9

E C O N O M I C I N D I C A T O R S

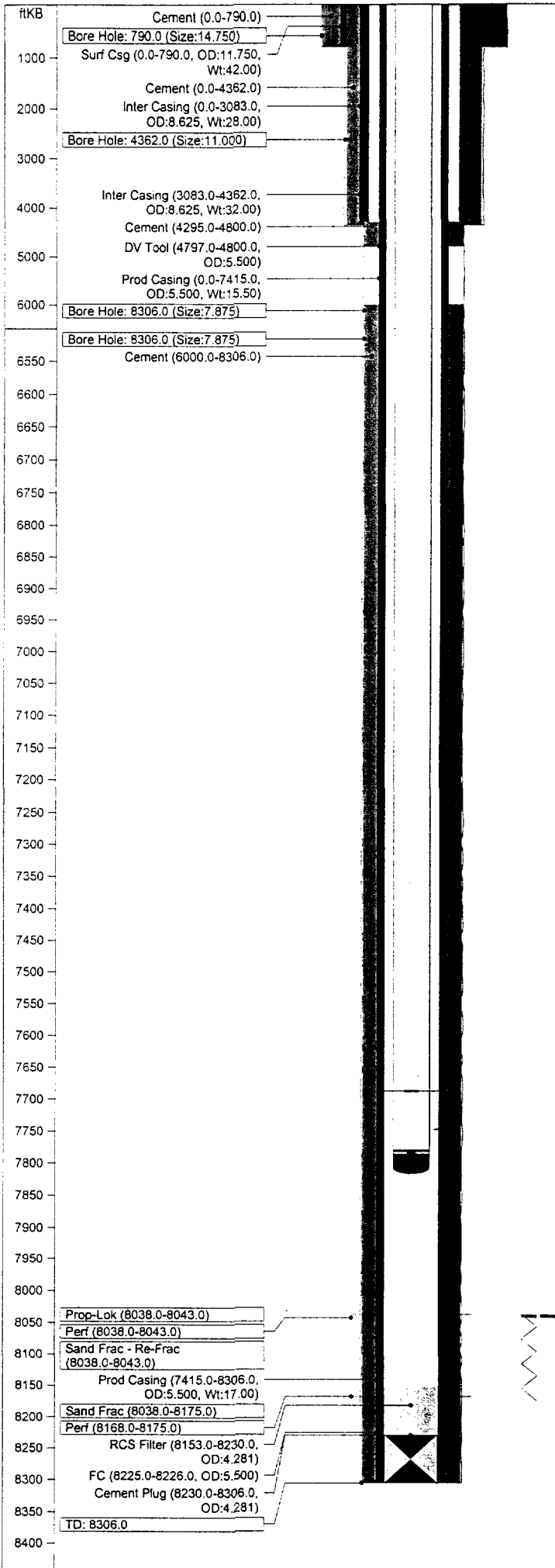
AS OF DATE: 07/1997

	A.F.I.T. WORTH M\$-----	A.F.I.T. WORTH M\$-----	A.F.I.T. BONUS M\$-----
0.	-311.174	-198.575	-300.871
5.	-381.959	-289.869	-398.766
10.	-432.927	-351.053	-457.996
15.	-470.805	-400.838	-497.261
20.	-499.699	-435.997	-524.932
25.	-522.220	-463.107	-545.298
30.	-540.093	-484.468	-560.776
35.	-554.493	-501.610	-572.827
40.	-566.243	-515.580	-582.390
50.	-584.005	-536.752	-596.370
60.	-596.495	-551.789	-605.817
70.	-605.504	-562.815	-612.382
80.	-612.121	-571.095	-617.019
90.	-617.041	-577.429	-620.318
100.	-620.727	-582.340	-622.659

PRESENT WORTH PROFILE AND
RATE-OF-RETURN VS. BONUS TABLE

RATE OF RETURN, PCT.	0.0	0.0
UNDISCOUNTED PAYOUT, YRS.	12.17	12.17
DISCOUNTED PAYOUT, YRS.	12.17	12.17
UNDISCOUNTED NET/INVEST.	0.57	0.73
DISCOUNTED NET/INVEST.	0.41	0.52

NOTES



POKER LAKE UNIT #129							
API No.	3001529552	Status	ACT OIL				
TD	8306.0 ftKB	Engineer	GTL				
PBTD	8153.0 ftKB						
Operator	BASS ENTERPRISES	Permit					
Well No.	129	Spud	7/13/1997				
ID Code		RR	8/3/1997				
Field	Poker Lake (Delaware)	Completion	8/19/1997				
Author	RAS	Last Act.					
Date Updated	10/30/97	Abandoned					
Comments							
Location							
Township	24S	Top Latitude	0				
		Top Longitude	0				
Range	31E	Top NS Distance	1980.0 ft N				
		Top EW Distance	660.0 ft E				
Section	20	Bottom Latitude	0				
Unit Ltr.	G	Bottom Longitude	0				
State	NEW MEXICO	Btm NS Distance	0.0 ft				
County	EDDY	Btm EW Distance	0.0 ft				
Elevations							
KB	3531.6 ft	Cas Flng	0.0 ft				
Grd	3514.7 ft	Tub Head	0.0 ft				
KB-Grd	16.9 ft						
Bore Hole Data							
	Depth (ftKB)	Size (in)					
	790.0	14.750					
	4362.0	11.000					
	8306.0	7.875					
Casing String - Surface Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	
11.750 in Surf Csg	790.0	19	0.000	42.00	WC-40	ST&C	
Casing String - Intermediate Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	
8.625 in Inter Casing	3083.0	70	8.016	28.00	WC-50	LT&C	
8.625 in Inter Casing	4362.0	30	7.922	32.00	J-55	LT&C	
Casing String - Production Casing							
Item (in)	Btm (ftKB)	Jnts	ID	Wt	Grd	Thd	
5.500 in Prod Casing	7415.0	160	4.953	15.50	K-55	LT&C	
5.500 in DV Tool	4800.0		0.000	0.00			
5.500 in Prod Casing	8306.0	26	4.891	17.00	K-55	LT&C	
5.500 in FC	8226.0		0.000	0.00			
Casing Cement							
Casing String	Top (ftKB)	Amount (sx)	Comments				
Surface Casing	0.0	510					
Intermediate Casing	0.0	1330					
Production Casing	4295.0	230	DV Tool @ 4800' TOC By Temp Sur				
Production Casing	6000.0	375					
Tubing String - Primary Tubing							
Item (in)	Top (ftKB)	Len (ft)	Jnts	ID (in)	Wt	Grd	Thd
2.875 in 2 7/8" Tbg.	0.0	7780.0	250	0.000	0.00	J-55	8 rd
4.500 in TAC	7686.0	3.0		0.000	0.00		
2.875 in SN	7780.0	2.0		0.000	0.00		
2.875 in PS	7782.0	4.0		0.000	0.00		
2.875 in BP&C	7786.0	31.0		0.000	0.00		
Other (plugs, equip., etc.) - Plug Backs							
Date	Item				Int (ftKB)		
10/14/1997	RCS Filter				8153.0 - 8230.0		
8/3/1997	Cement Plug				8230.0 - 8306.0		
Perforations							
Date	Int	Zone	Shots (ft)	Type			
8/13/1997	8038.0 - 8043.0		1.0	4" CSG GUN			
8/13/1997	8168.0 - 8175.0		1.0	4" CSG GUN			
Stimulations & Treatments							
Date	Type	Fluid	Int	Sand	Comments		
1/14/1999	Sand Frac		8038.0 - 8175.0		Problem w/prop-net hopper.		
2/28/1999	Prop-Lok		8038.0 - 8043.0				

WELL HISTORY

WELL NAME: POKER LAKE UNIT # 129

FIELD NAME: POKER LAKE (DELAWARE)

LOCATION: 1980' FNL, 660' FEL, UNIT G
SEC 20, T-24-S, R-31-E
EDDY CO. NM

ELEV: 3514.7 GL, 3531.6 KB

SPUD DATE: 7/13/97 RIG RELEASE: 8/3/97

COMP DATE: 10/3/97

ORIG TD: 8306'

ORIG PBTD: 8230'

CASING: 11 3/4", 42#, wc-40, STC CSA 785'. CMT W/510 SXS CL C. 14 3/4" HOLE 0-790'
8 5/8", 28 & 32#, WC-50 & J-55, LTC, CSA 4363. CMT W/1330 SXS CL C. 11'
HOLE 790-4363'
5 3/4", 15.5# (7415') + 17# (891'), K-55, LTC CSA 8306'. DV TOOL @ 4795.
CMT 1ST STG. W/375 SXS CL H. CMT 2ND STG. W/230 SXS CL C. TO @ 4295'
BY TEMP SUR. 7 7/8" HOLE 4363-8306'.

TUBING: 2 7/8" 6.5#, J-55, 8RD EUE

DST: NONE

CORES & LOGS: NO CORES
LOGS: SCHLUMBERGER WELL SERVICE 8/1/97
PLATFORM EXPRESS: ARRAY INDUCTION GAMMA RAY/SP 4358-8252'
PLATFORM EXPRESS: THREE DETCTOR DENSITY COMP/NEUT 200-8252'

INITIAL COMPLETION:

8/9-15/97 **PERF & FRAC LBC "W" & "Y" SANDS (8038-43' & 8168-75')**
Tag DV tool @4799, DO. Tag FC @ 8230'. PERF: 8038-43' & 8168-75'
W/1 SPF @ 180° phasing. FRAC: RU Dowell Pump 250 gals 15% HCL,
break down w/1150 psi @ tbg. Pump 1000 gals 7 1/2% HCL + 25 BS, good
ball action, no ball out. FRAC: W/47,900 gals YF 130 + 252,000
gals 20/40 Brady Sand. Last stg contained +/- 350# Prop-Net.
Prop-Net add unit did not function properly. Flowed back + 50
bbls. frac fluid + 1 bbl Prop-Net. CO to 8230'. Place well on
production.

8/25-9/2/97 **CLEAN OUT SAND & PUMP PROP-LOK.**
Tag sand fill @ 7949. Unsuccessful attempt to bail sand. Drilled
& washed sand to 8140'. Dump 20' cmt across + 8085-8105'. Pump
Prop-Lok across perfs 8038-8043'. CO to cmt plug @ 8095'. Place
well on prod.

WELL HISTORY
POKER LAKE UNIT #129

INITIAL COMPLETION: (CON'T)

- 9/8-11/97 **CLEAN OUT SAND FILL**
Found pump stuck w/no travel in pump. Back off rods. Tag fill @ 7913' (125' above top perf). POH w/tbg, remainder of rods & pump. PU 4 3/4" modified blade bit, wash fill to PBSD @ 8095'. Place well on production.
- 9/17-25/97 **REMEDIAL SAND CONTROL FRAC LBC "W" SAND (8038-43')**
FRAC: RU Dowell, frac w/6320 gals YF 130 + 25,700# 20/40 RCS. Screened out as planned on later stages of sand. Tag sand @ 7894'. Wash & drill sand from 7894-8095'. Swabbed (22 runs), well began to flow. Flowed 0 BO & 32 BW & died. Tag sand @ 8089' (6' infow over 3 days). Wash & ream to PBSD @ 8230'. Perfs 8168-75 (Y sand) now exposed. Tag sand @ 8226. RU Dowell, spot 16 bbls. WF-130 w/6 ppg 20/40 RCS plug across perfs. Tag sand @ 7957'. Wash sand to 8158'. Place well on prod.
IP: 10/3/97 - 68 BO, 46 MCF, 179 BW.
- 10/9/97 **CLEAN OUT SAND & SPOT RCS PLUG (8038-43' & 8168-75')**.
Tag fill @ 8038' (@ top perf)(120' entry since 9/25/97). MA completely full of sand, sent sample to Dowell. Visual inspection revealed very slight amount of resin coated sand. Re-tag fill @ 7988' (50' above top perf). Wash sand to PBSD @ 8230'. No indication of RCS across bottom perfs. RU Dowell, pump 550 gals WF-120 w/6 ppg 20/40 RCS. CO to 8153'. RCS from 8153 to PBSD @ 8230 placed as a filter. Place well on prod.

WORKOVER:

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Instruction on back
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

CONFIDENTIAL

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-29552	Pool Code 50382	Pool Name Poker Lake (Delaware)
Property Code 001796	Property Name Poker Lake Unit	Well Number 129
OGRID No. 001801	Operator Name Bass Enterprises Production Company	Elevation 3515'

Surface Location

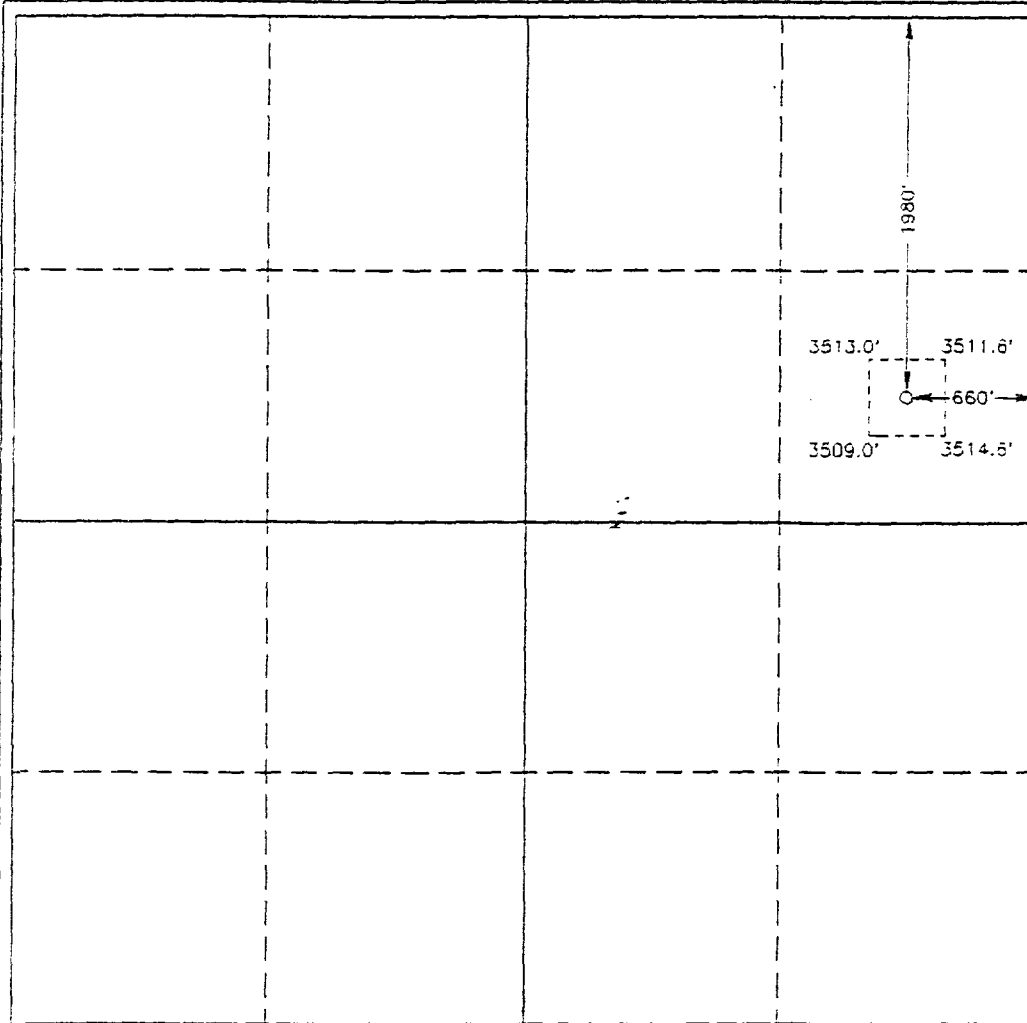
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	20	24 S	31 E		1980	North	660	East	Eddy

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	Joint or Infill	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.

Tami L. Wilber
Signature

Tami L. Wilber
Printed Name

Production Clerk
Title

10/7/97
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.

March 22, 1997
Date Surveyed

[Signature]
Signature & Seal of Professional Surveyor

71566
Certificate No. GARY L. JONES 7977

BASIN SURVEYS

3160-4
(July 1992)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE
(See other instructions on reverse side)

OPERATOR'S FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____
1b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESVR. Other _____
1997 OCT -8 A 11: 57

2. NAME OF OPERATOR
Bass Enterprises Production Co.

3. ADDRESS AND TELEPHONE NO.
P.O. Box 2760 Midland, TX 79702-2760 (915) 683-2277

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At surface: 1980' FNL & 660' FEL, Unit Letter H
At top prod. interval reported below: Same
At total depth: Same

15. DATE SPUDDED: 7/13/97
16. DATE T.D. REACHED: 8/4/97
17. DATE COMPL. (Ready to prod.): 8/19/97
18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 3515' GL, 3531.6' KB
19. ELEV. CASINGHEAD: - - -

20. TOTAL DEPTH, MD & TVD: 8306'
21. PLUG, BACK T.D., MD & TVD: 8230'
22. IF MULTIPLE COMPL., HOW MANY: Single
23. INTERVALS DRILLED BY: ROTARY TOOLS: 0-8306' CABLE TOOLS: NA

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*
8038-43', 8168-75' (Delaware)

26. TYPE ELECTRIC AND OTHER LOGS RUN
Platform Express Array Induction Compensated Neutron/GR

25. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
11-3/4"	42#	790'	14-3/4"	Surface, 510 sx, Circ	NA
8-5/8"	32#	4363'	11"	Surface, 1330 sx, Circ	NA
5-1/2"	15.5#, 17#	8306'	7-7/8"	TCC 4295' TS, 605 sx	NA

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
NA				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	7817'	7780' SN

31. PERFORATION RECORD (Interval, size and number)
8168-75' (7', 8 shots), 8038-43' (5', 6 shots)
4" casing gun loaded w/ GOEX 19 gram charges at 180 degree phasing.

32. ACID. SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8038-43, 8168-75'	250 gals 15% HCl acid. Frac w/ 48,904 glas YF130 + 254,620#
	20/40 BS. Re-Frac 4250 gals 30# XL + 24,000# 20/40 RCS.

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump)	WELL STATUS (Producing or shut-in)
9/26/97	Pumping 2-1/2" x 1-1/2" x 24'	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL.	GAS - MCF.	WATER - BBL.	GAS - OIL RATIO
10/3/97	24	20/64"		68	46	179	676

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.)
- - -	- - -		68	46	179	39.3

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sales, Lease Use

35. LIST OF ATTACHMENTS
Inclination Report, C-102, C-104, Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Jami L Wilber TITLE Production Clerk DATE 10/7/97

*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

BASS ENTERPRISES PRODUCTION CO.

201 MAIN ST.

FORT WORTH, TEXAS 76102-3131

817/390-8400

March 10, 1999

CERTIFIED MAIL/
Return Receipt Requested

Bureau of Land Management
2901 West 2nd Street
Roswell, New Mexico 88201

Attention: Mr. Edwin L. Roberson

Commissioner of Public Lands
State of New Mexico
P. O. Box 1148
Santa Fe, New Mexico 87504-1148

Attention: Ms. Jami Bailey

New Mexico Oil Conservation Division
2040 S. Pacheco
Santa Fe, New Mexico 87505

Attention: Ms. Lori Wrotenberry

Re: 1999 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

Gentlemen:

In accordance with Section 10 of the Poker Lake Unit Agreement dated March 18, 1952, Bass Enterprises Production Co., Operator of the referenced unit, hereby submits a Plan of Development for the Poker Lake Unit for the year 1999.

HISTORY OF PAST DEVELOPMENT

We refer to our previous Plans of Development for a detailed description of the operations conducted in this Unit in prior years.

1998 ACTIVITY

Poker Lake Unit No. 53 - Drilled and completed in 1982 in the Morrow Formation, this well was recompleted into the Wolfcamp Formation. The well is located 660' FNL, 1,980' FEL, Section 9, T25S-R31E, Eddy County, New Mexico.

March 10, 1999

Page 2

Poker Lake Unit Well No. 67 – Drilled and completed in 1986 in the Morrow Formation, this well, shut-in for an extended period, was worked over in the Morrow Formation and is back on production.

Extensive pressure work was conducted on all active wells in the unit.

PARTICIPATING AREAS

Bass Enterprises Production Co. has submitted all wells drilled to date where adequate information is available for commercial determination and participating areas. In the event you have not received commercial determination for the wells that have been drilled and completed and are currently producing, please advise at your convenience and we will submit same to you.

FUTURE DEVELOPMENT

Bass plans to conduct a proprietary 3-D seismic program affecting approximately 63 square miles of the Poker Lake Unit. The Townships involved in the shoot are 24S-31E, 25S-30E, 25S-31E, 26S-30E, 26S-31E.

OFFSET OBLIGATIONS

Appropriate and adequate measures will be taken to prevent drainage of unitized substances from lands covered by the Poker Lake Unit Agreement or pursuant to applicable regulations.

MODIFICATIONS

In accordance with the terms and provisions of the Poker Lake Unit Agreement, this Plan of Development may be modified from time to time as a result of changing conditions.

MARKET CONDITIONS

Bass' 1998 Activity and our 1999 Planned Activities are considerably modest compared to previous years. This is a result of a decrease in product price being as much as a 36% decline in oil prices and a 25% decline in natural gas prices over the past 12 months. Most of the oil and gas operators operating in Southeastern New Mexico are affected by the declining product prices which has resulted in a substantial decrease in drilling activity. In the event our drilling plans for 1999 are revised, we will provide for your approval an amended Plan of Development accordingly.

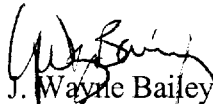
EFFECTIVE DATE

This Plan of Development shall become effective on January 1, 1999.

March 10, 1999
Page 3

If this Plan of Development meets with your approval, please so indicate by signing in the appropriate space provided below and return one (1) signed original to the undersigned for our records.

Very truly yours,


J. Wayne Bailey
Division Landman

JWB/WWC:ca

ACCEPTED AND AGREED this 18th day of March, 1999.

BUREAU OF LAND MANAGEMENT

By: _____

COMMISSIONER OF PUBLIC LANDS

By: _____

NEW MEXICO OIL CONSERVATION DIVISION

By:  _____

Charles B. Gillespie, Jr.

Oil Producer-Investor

P. O. Box Eight

Midland, Texas 79702

OIL CONSERVATION DIVISION

RECEIVED RECEIVED

'89 NOV 6 AM 9 30

(815) 683-1765

NOV 3- '89

C. S. D.

ARTESIA OFFICE

November 2, 1989

Oil Conservation Division
Drawer DD
811 South First Street
Artesia, New Mexico 88210

#366

Attention: Mr. Mike Williams

Re: Request for approval of the formation of a "Participating Area" for the Poker Lake Unit Well No. 70, South Poker Lake Delaware Pool, SE/4 SE/4 Section 28, Being 40 acres more or less, Township 24 South, Range 31 East, N.M.P.M., Eddy County, New Mexico

Gentlemen:

Pursuant to the Poker Lake Unit Agreement dated March 19, 1952, Charles B. Gillespie, Jr. as Designated Operator for the captioned lands, hereby submits for your approval a Schedule of Unitized Land regarded as being "reasonably proved productive of unitized substances in paying quantities" sufficient to warrant the formation of a "Participating Area" for the referenced well. Included therewith is a Worksheet for Commercial Determination and Participating Area in Federal Units for the Poker Lake Unit Well No. 70, which was drilled by Charles B. Gillespie, Jr. in accordance with the 1988 Plans of Development and Operation for the Poker Lake Unit, submitted by Bass Enterprises Production Company.

Your approval of this 40 acre Schedule of Unitized Land is respectfully requested.

Very truly yours,

David W. Hastings

David W. Hastings
Production Manager

OK
11-13-89

DWH/vjc

Enclosures

Schedule of Unitized Land Poker Lake Unit No. 70
South Poker Lake Delaware Pool

<u>Unitized Tract</u>	<u>Percentage of Unitized Substances to be Allocated</u>
SE/4 SE/4 Section 28, Township 24 South, Range 31 East, N.M.P.M., Eddy County, New Mexico Containing 40 acres	100%

WORKSHEET FOR COMMERCIAL DETERMINATION AND PARTICIPATING AREA IN FEDERAL UNITS

WELL DATA

WELL Poker Lake Unit No. 70 FORMATION Delaware

LOCATION P UNIT, 810 FEET FROM S LINE & 810 FEET FROM E LINE,
SECTION 28, RANGE 31E, TOWNSHIP 24S, COUNTY Eddy NEW MEXICO

SPUD DATE 12-23-88 COMPLETION DATE 4-05-89 INIT. PROD. DATE 4-12-89

PERFORATIONS 6004-6032' (56 holes)

STIMULATION:

ACID 3800 gallons 7.5% NEEF acid

FRACTURE 33,000 gallons gel + 72,500# 20/40 sand

POTENTIAL Pumped 88 BOPD + 20 MCFG + 132 BW.

(ATTACH COPY OF C-122. ATTACH COPY OF WELLBORE SKETCH OF COMPLETED WELL.)

VOLUMETRIC CALCULATION

	FORMATION	
	SANDS PERFORATED	SANDS NOT PERFORATED BUT POTENTIALLY PRODUCTIVE
Area (A) proration unit size, acres	40	
Porosity (ϕ), %	17.7	
Water saturation (S_w), %	48.5	
Net thickness (h) $\geq 15\% \phi$ & $< 60\% S_w$, ft	26	
Temperature (T), °F	115°	

(2)

Bottomhole pressure (P), psia 2900

Recovery factor (RF), (80% assumed) 20%

Recoverable oil, bbls. (See eq. below) 156,364

Recoverable oil, bbls. = $(7,758)(\emptyset)(1-S_w)(A)(h)(RF)$

PERFORMANCE DATA

If sufficient history exists, attach plot of oil production rate vs time.

(Cumulative production to 10 / 1 /89 ; 12,510 bbls.

Initial rate (qi), 1842 bbls/mo

Economic limit (ql), 76 bbls/mo

Decline rate, dy 5.04 %

Remaining oil (Q) = 110,325 bbls.

Ultimate recoverable oil 122,835 bbls.

Attach plat showing proration unit and participating area.

<u>RECOVERABLE OIL</u>	<u>OIL (BBLS.)</u>	<u>GAS (MCF)</u>
Sand previously produced		
Sand perforated	(1)	
Sand not perforated, but potentially productive	(2)	
Total recoverable oil		

(1) performance recoverable oil if available

(2) $\frac{\text{performance sand perforated}}{\text{volumetric sand perforated}} \times \text{volumetric sands not perforated} = \text{performance sands not perforated}$

Participating area size based on ratio of production history and volumetrics

40 acres---minimum area is proration unit.

(3)

ECONOMIC

Well Cost \$ 536,310 (to the depth of formation completed)

Recompletion Cost \$ _____

TOTAL COST \$ 536,310

Operating Cost \$750.00/Month

CBG Net Income = (Gross Oil)(Net Oil Price)(Net Revenue Interest)-(Taxes)

YEAR	GROSS OIL	CBG NET INCOME	OPERATING COST	10% DISCOUNT FACTOR	DISCOUNTED CASH FLOW
Zero	---	---	---	1.0000	-536,310
1989	17,114	221,415	8,250	.95382	203,321
1990	14,168	186,966	9,180	.86711	154,160
1991	10,183	137,083	9,364	.78828	100,679
1992	7,956	108,349	9,551	.71662	70,801
1993	6,531	88,943	9,742	.65147	51,597
Remainder	59,469	809,879	318,275	.59225	184,053

If payout is five years or less, well is considered economical.

CBG Net Income - Operating Expense) discount factor = \$764,611

discounted cash flow. ECONOMIC

ECONOMIC

CHARLES B. GILLESPIE, JR.

LEASE - POKER LAKE 70
 * WELLS 1
 INTEREST 0.74125

SECTION 28-24S-31E
 40 ACRES EDDY COUNTY, NM
 AVE. DEPTH - 5000, DELAWARE

YEAR	OIL	GAS	NET OIL	NET GAS	\$OIL	\$MCF	REV OIL	REV GAS	REV TOT	TAXES	OP EXP	NET REV	CUMREV	10% DIS	CUM 10%
1989	17114		12686	0	19.00		241029	0	241029	19615	8250	213165	213165	203321	203321
1990	14168		10502	0	19.38		203529	0	203529	16563	9180	177786	390951	154160	257481
1991	10183		7548	0	19.77		149227	0	149227	12144	9364	127719	518670	100679	458160
1992	7956		5897	0	20.00		117948	0	117948	9598	9551	98798	617469	70801	528960
1993	6531		4841	0	20.00		96822	0	96822	7879	9742	79201	696670	51597	580557
1994	5539		4106	0	20.00		82116	0	82116	6682	9937	65496	762166	38790	619348
1995	4807		3563	0	20.00		71264	0	71264	5799	10135	55329	817495	29790	649137
1996	4248		3149	0	20.00		62977	0	62977	5125	10338	47513	865008	23256	672393
1997	3805		2820	0	20.00		56409	0	56409	4591	10545	41274	906282	18366	690759
1998	3445		2554	0	20.00		51072	0	51072	4156	10756	36160	942442	14627	705386
1999	3148		2333	0	20.00		46669	0	46669	3798	10971	31900	974342	11731	717117
2000	2900		2150	0	20.00		42993	0	42993	3499	11190	28303	1002646	9462	726579
2001	2686		1991	0	20.00		39820	0	39820	3241	11414	25165	1027811	7648	734227
2002	2501		1854	0	20.00		37077	0	37077	3017	11642	22418	1050229	6194	740421
2003	2342		1736	0	20.00		34720	0	34720	2825	11875	20019	1070248	5028	745449
2004	2202		1632	0	20.00		32645	0	32645	2657	12113	17875	1088123	4082	749531
2005	2077		1540	0	20.00		30792	0	30792	2506	12355	15931	1104054	3307	752838
2006	1964		1456	0	20.00		29116	0	29116	2369	12602	14145	1118199	2669	755507
2007	1864		1382	0	20.00		27634	0	27634	2249	12854	12531	1130729	2150	757657
2008	1773		1314	0	20.00		26285	0	26285	2139	13111	11034	1141764	1721	759378
2009	1692		1254	0	20.00		25084	0	25084	2041	13374	9669	1151433	1371	760749
2010	1614		1196	0	20.00		23928	0	23928	1947	13641	8339	1159772	1075	761823
2011	1549		1148	0	20.00		22964	0	22964	1869	13914	7181	1166954	841	762665
2012	1485		1101	0	20.00		22015	0	22015	1792	14192	6031	1172985	642	763307
2013	1427		1058	0	20.00		21155	0	21155	1722	14476	4958	1177943	480	763787
2014	1373		1018	0	20.00		20355	0	20355	1656	14765	3933	1181876	346	764134
2015	1322		980	0	20.00		19599	0	19599	1595	15061	2943	1184819	236	764369
2016	1278		947	0	20.00		18946	0	18946	1542	15362	2043	1186861	149	764518
2017	1234		915	0	20.00		18294	0	18294	1489	15669	1136	1187997	75	764593
2018	1194		885	0	20.00		17701	0	17701	1440	15983	276	1188275	17	764610

POKER LAKE UNIT WELL NO. 70
PERFORATED SANDS

INTERVAL	h	ØD	ØN	ØXP	Øh
6004-06'	2	16.5	14	15.5	31
06-08'	2	11	8	9.5	
08-14'	6	20.5	17.5	19.5	117
14-16'	2	16	13.5	15	30
16-21'	5	22	18.5	20.5	102.5
21-26'	5	15	15	15	75
26-29'	3	16.5	15	16	48
29-32'	3	20.5	17.5	19	57
	<u>26</u>				<u>460.5</u>
TOTAL h	26			TOTAL Øh	460.5

$$\text{AVERAGE } \emptyset = \frac{\text{TOTAL } \emptyset h}{\text{TOTAL } h} = \frac{460.5}{26} = 17.7\% \emptyset$$

*This interval has been eliminated from the calculations due to Ø being less than 15%.

POKER LAKE UNIT WELL NO. 70
PERFORATED SANDS

INTERVAL	Rxo	LLs	LLd		Rt/RLLd	Rt	Sw
6004-06'	3	7	8	x	1.2	= 9.6	41.6
* 06-08'	11	6	7	x	1	= 7	79.6
08-14'	1.7	2.7	3.5	x	1.3	= 4.55	48.1
14-16'	2.9	3.3	4.5	x	1.4	= 6.3	53.1
16-21'	1.6	2.4	3	x	1.25	= 3.75	50.4
21-26'	3.5	4.2	5.8	x	1.4	= 8.12	46.8
26-29'	3.8	4.2	5.2	x	1.3	= 6.76	48.1
29-32'	2	3.1	3.7	x	1.2	= 4.44	50.0

*This interval has been eliminated from the calculations due to Sw being 60% or greater.

** Rw = .04 for all perforated sands.

INTERVAL	(Sw)	(ØXP)	(h)	Sw WEIGHTED
6004-06'	(.416)	(.155)	(2)	.12896
08-14'	(.481)	(.195)	(6)	.56277
14-16'	(.531)	(.150)	(2)	.15930
16-21'	(.504)	(.205)	(5)	.51660
21-26'	(.468)	(.150)	(5)	.35100
26-29'	(.481)	(.160)	(3)	.23088
29-32'	(.500)	(.190)	(3)	.28500

TOTAL Sw WEIGHTED 2.23451

$$\text{AVERAGE Sw} = \frac{(\text{Sw})(\text{ØXP})(\text{h})}{(\text{Avg. } \text{Ø})(\text{TOTAL h})} = \frac{2.23451}{4.602} = 48.5\% \text{ Sw}$$

VOLUMETRIC CALCULATIONS
RECOVERABLE OIL

PERFORATED SANDS

$$\begin{aligned}\text{OIL CONTENT OF RESERVOIR, BBLS.} &= (7758)(A)(h)(\phi)(1-S_w) \\ &= (7758)(40)(26)(.177)(1-.485) \\ &= 735,468\end{aligned}$$

$$\text{RECOVERY FACTOR (RF)} = 20\%$$

$$\begin{aligned}\text{RECOVERABLE OIL, BBLS.} &= 735,468 \text{ (RF)} \\ &= 735,468 \text{ (.20)} \\ &= 147,094\end{aligned}$$

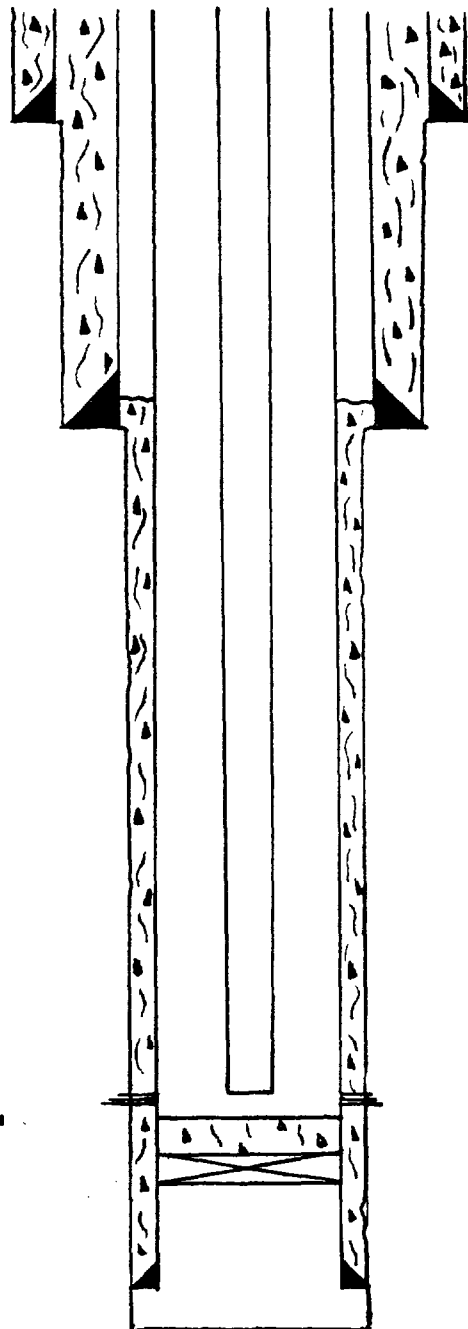
Charles B. Gillespie, Jr.

Poker Lake Unit #70

810' FSL & 810' FEL

Section 28-T24S-R31E

Eddy County, New Mexico



13 3/8" csg. set @ 600' w/700 sx.
cmt. Cmt. circ. to surface

17 1/2" hole

8 5/8" csg. set @ 4325' w/1300
sx. cmt. Cmt. circ. to surface

11" hole

7 7/8" hole

2 7/8" tubing set @ 5933'

5 1/2" csg. sq. @ 6110' w/600 sx.
cmt. TOC @ 4200'

5 1/2" csg. set @ 7006' w/735 sx.
cmt. TOC @ 6370'

Perforations 6004-6032'
56 Holes - Delaware

6060' PBD

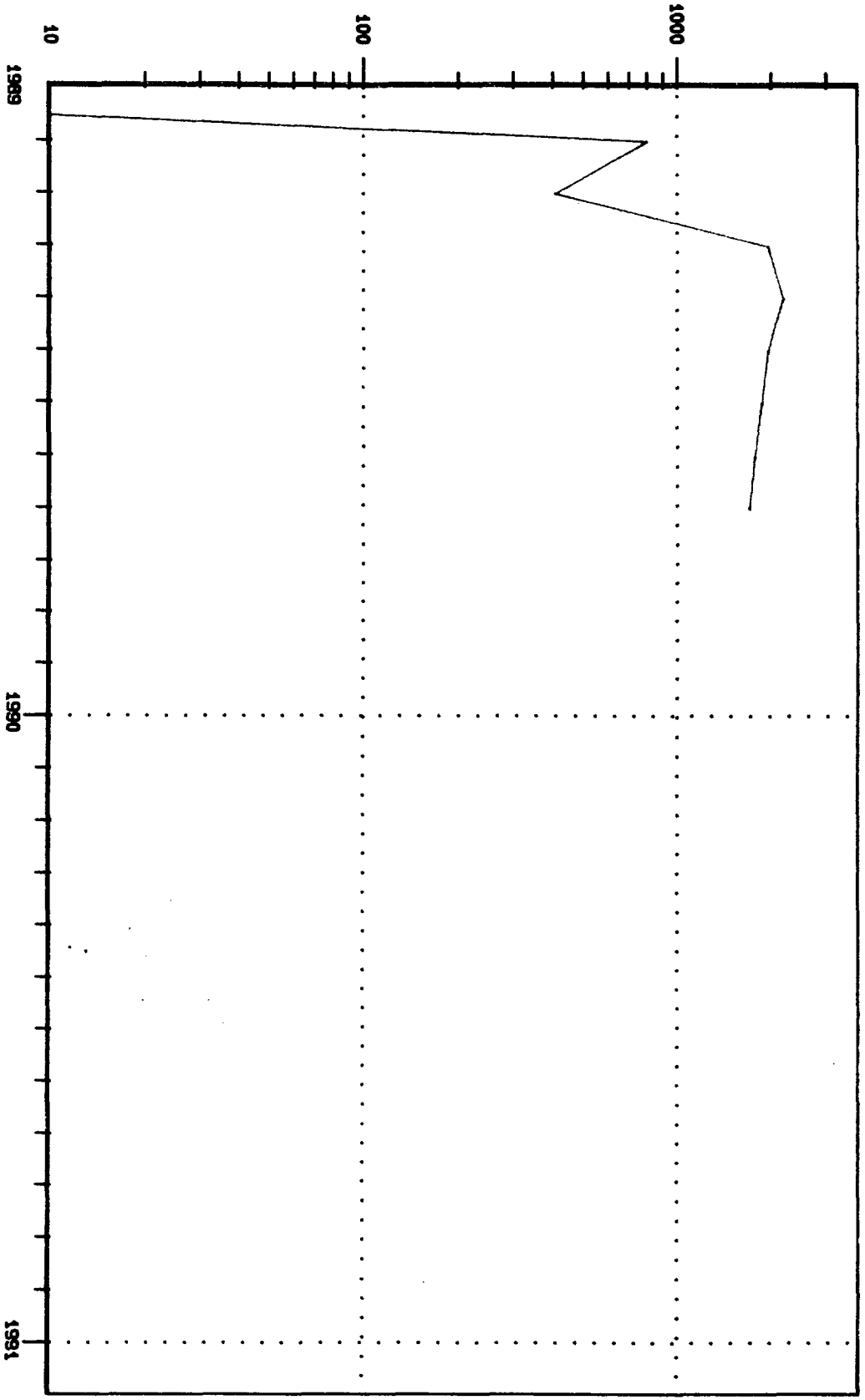
5 1/2" C.I.B.P. set @ 6670'

TD 7238'

Calculated
 011 ———
 Gas ———
 Water ———

POKER LAKE UNIT
 011 Production Rate vs Time
 BBL/MO vs Months
 POKER LAKE UNIT #70
 For the Period 02/1989 to 09/1989

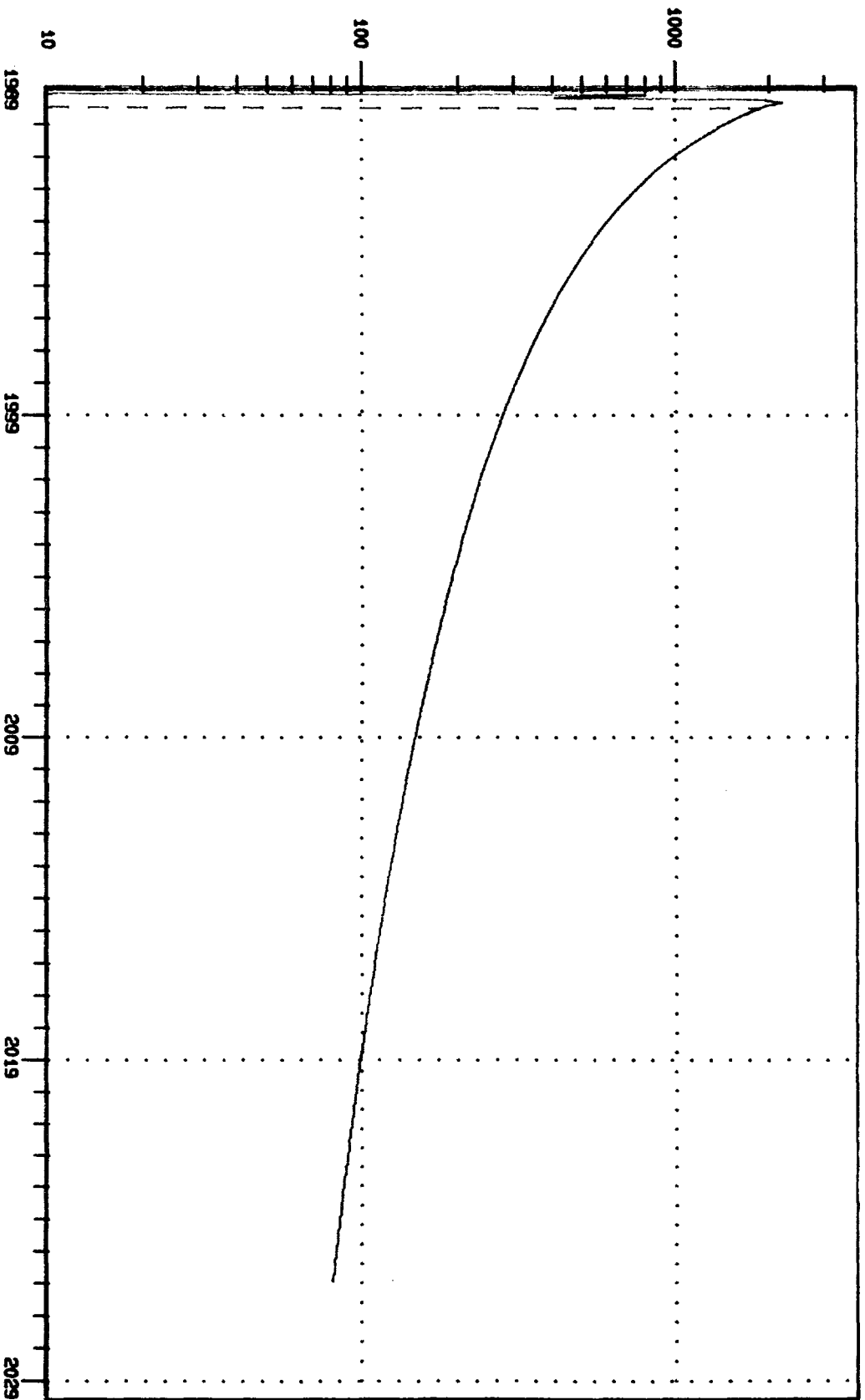
Production
 011 ———
 Gas ———
 Water ———



Calculated
 011
 Gas
 Water

POKER LAKE UNIT
 011 Production Rate vs Time
 BBL/MO vs Months
 POKER LAKE UNIT #70
 For the Period 04/1989 to 12/2025

Production
 011
 Gas
 Water



NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-102
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

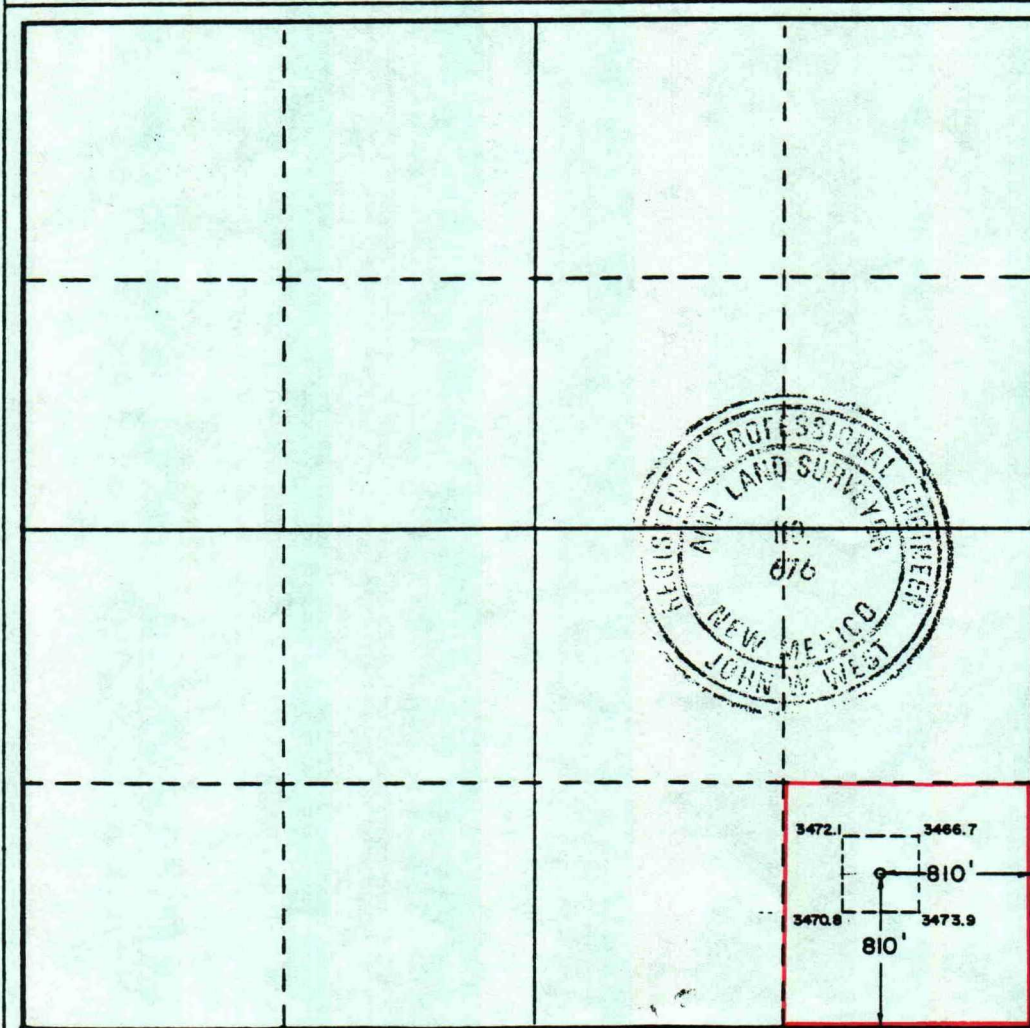
Operator Charles B. Gillespie, Jr.		Lease Poker Lake Unit			Well No. 71
Unit Letter P	Section 28	Township 24 South	Range 31 East	County Eddy	
Actual Footage Location of Well: 810 feet from the south line and 810 feet from the east line					
Ground Level Elev. 3472.7	Producing Formation Canyon	Pool Wildcat	Dedicated Acreage: 40 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

Yes No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

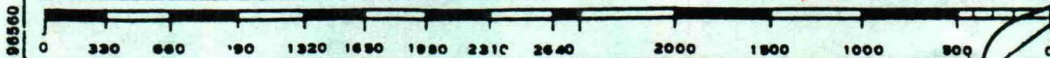
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

David W. Hastings

Name
David W. Hastings
Position
Production Manager
Company
Charles B. Gillespie, Jr.
Date
11-21-88

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 knowledge and belief.

Date Surveyed
November 16, 1988
Registered Professional Engineer and/or Land Surveyor
John W. West
Certificate No. **JOHN W. WEST, 876**
RONALD J. EIDSON, 3239





United States Department of the Interior

BUREAU OF LAND MANAGEMENT
ROSWELL DISTRICT OFFICE
P.O. BOX 1397
ROSWELL, NEW MEXICO 88201



Poker Lake Unit
3180 (065)

MAY 9 1989

RECEIVED

Bass Enterprises Production Company
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

MAY 11 1989

OIL CONSERVATION DIV.
SANTA FE

Gentlemen:

Our office is in receipt of documents dated March 28, 1989, designating Charles B. Gillespie, Jr. as agent for the following wells:

Poker Lake Unit Well No. 70, located in the SE $\frac{1}{4}$ SE $\frac{1}{4}$, sec. 28, T. 24 S., R. 31 E., NMPM, Eddy County, New Mexico.

Poker Lake Unit Well No. 72, located in the NE $\frac{1}{4}$ SE $\frac{1}{4}$, sec. 28, T. 24 S., R. 31 E., NMPM, Eddy County, New Mexico.

We do hereby accept for record purposes, Mr. Charles B. Gillespie, Jr. as agent for Bass Enterprises Production Company in securing compliance with the Oil and Gas Operating Regulations with respect to drilling, testing and completing the above mentioned wells. This should not be construed to convey an assignment of any interest under the unit agreement or any lease committed thereto.

We have enclosed four (4) copies of said documents for your files. Please furnish all interested principals with appropriate evidence of this acceptance.

Sincerely,

(ORIG. SGD.) ARMANDO A. LOPEZ

FOR

Joe G. Lara
Assistant District Manager,
Minerals

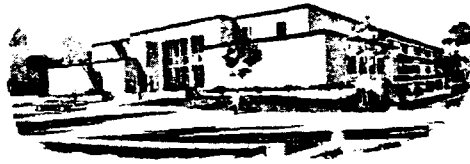
1 enclosure

cc:
Commissioner Public Lands, Santa Fe
NMOCD, Santa Fe

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

December 6, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower
201 Main St.
Fort Worth, Texas 76102

Re: First Amendment to the
1984 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your First Amendment to the 1984 Plan of Development for the Poker Lake Unit, Eddy County, New Mexico. Such amendment proposes to change the drilling location for the well No. 62 from Section 28-25S-31E to 1980' FNL and 660' FEL of Section 18-25S-30E to test the Delaware Formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

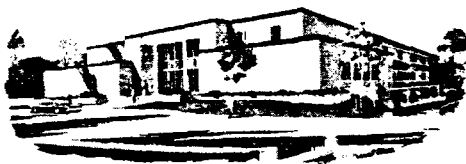
JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
BLM-Roswell, New Mexico
BLM-Albuquerque, New Mexico

State of New Mexico



JIM BACA
COMMISSIONER



Commissioner of Public Lands

December 6, 1983

P.O. BOX 1148
SANTA FE, NEW MEXICO 87504-1148

Bass Enterprises Production Co.
First City Bank Tower
201 Main Street
Fort Worth, Texas 76102

Re: 1984 Plan of Development
Poker Lake Unit
Eddy County, New Mexico

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your 1984 Plan of Development for the Poker Lake Unit, Eddy County, New Mexico. Such agreement proposes to drill the Unit Well Nos. 61 and 62 to test the Delaware formation. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the Bureau of Land Management.

Enclosed is an approved copy for your files.

Very truly yours,

JIM BACA
COMMISSIONER OF PUBLIC LANDS

BY:
FLOYD O. PRANDO, Assistant Director
Oil and Gas Division
AC 505/827-5744

JB/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
 BLM-Albuquerque, New Mexico
 BLM-Roswell, New Mexico



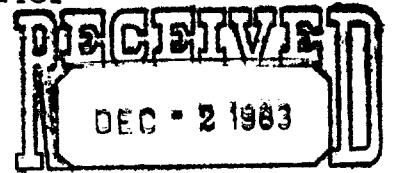
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201



OIL CONSERVATION DIVISION
SANTA FE

IN REPLY
REFER TO:

Poker Lake Unit

November 29, 1983

366

Bass Enterprises Production Co.
Attn: Mr. Jens Hansen
First City Bank Tower
201 Main St.
Fort Worth, Texas 76102

Gentlemen:

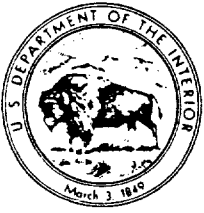
One approved copy of your 1984 plan of development for the Poker Lake unit area, Eddy County, New Mexico is enclosed. Such plan proposing to drill wells No. 61 and 62 to test the Delaware formation was approved on this date subject to like approval by the appropriate officials of the State of New Mexico.

Sincerely yours,

(Orig. Sgd.' Earl R. Cunningham
District Manager

Enclosure

cc: Commissioner of Public Lands, Santa Fe (letter only)
✓ NMOCD, Santa Fe (letter only)



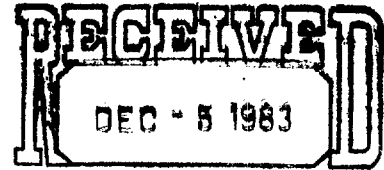
United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Roswell District Office

P. O. Box 1397

Roswell, New Mexico 88201



OIL CONSERVATION DIVISION

SANTA FE

November 29, 1983

IN REPLY
REFER TO:

Poker Lake Unit

Bass Enterprises Production Co.
Attn: Jens Hansen
First City Bank Tower
201 Main St.
Fort Worth, Texas 76102

Gentlemen:

On this date, your 1984 amended plan of development for the Poker Lake unit area, Eddy County, New Mexico, wherein you propose to modify the well location for well No. 62 as proposed in your original plan of development, is approved, subject to like approval by the appropriate officials of the State of New Mexico.

One approved copy is enclosed.

Sincerely yours,

'Orig. Sgd.' Earl R. Cunningham

District Manager

Enclosure

cc: Commissioner of Public Lands, Santa Fe (letter only)
✓NMOCD, Santa Fe (letter only)

State of New Mexico



ALEX J. ARMIJO
COMMISSIONER



Commissioner of Public Lands

P. O. BOX 1148
SANTA FE, NEW MEXICO 87501
87504-1148

Bass Enterprises Production Co.
Fort Worth National Bank Building
Fort Worth, Texas 76102

Re: 1982 Plan of Development
Poker Lake Unit
Poker Lake Wells #52 & 58
Eddy County, New Mexico

366

ATTENTION: Mr. Jens Hansen

Gentlemen:

The Commissioner of Public Lands has this date approved your amended Plan of Development dated September 27, 1982 for the Poker Lake Unit area. Such amendment proposes that the depth to be drilled in the Poker Lake Unit wells #52 and #58 should be limited to a depth necessary for a Wolfcamp Formation completion instead of a Morrow test as provided in the 1982 Plan of Development. Our approval is subject to like approval by the New Mexico Oil Conservation Division and the United States Minerals Management Service.

Enclosed is an approved copy for your files.

Please remit a Three (\$3.00) Dollar filing fee.

Very truly yours,

ALEX J. ARMIJO
COMMISSIONER OF PUBLIC LANDS

BY:
RAY D. GRAHAM, Director
Oil and Gas Division
AC 505/827-2748

AJA/FOP/pm
encls.

cc: OCD-Santa Fe, New Mexico
USMMS-Albuquerque, New Mexico
Administration