

Order Number

488

API Number

30-025-40262

Operator

Apache Corp

County

Lea

Order Date

01-18-2012

Well Name

L & M

Number

8

Location

N

2

205

38E

UL

Sec

T (+Dir)

R (+Dir)

Oil %

14%

Gas %

19%

Pool 1

33230

House Blinbry

Pool 2

78760

House Tubb

10%

24%

Pool 3

33250

House Drinkard

76%

57%

Pool 4

Comments:

Posted in RBDMS 01-18-2012 CCH

30-025-40262
DHC-HOB-488

DOWNHOLE COMMINGLE CALCULATIONS:

OPERATOR: Apache Corp

PROPERTY NAME: L4m

WNULSTR: 8-N-2-205-38E

SECTION I:	ALLOWABLE AMOUNT
POOL NO. 1 <u>House Blinebry</u>	<u>142</u> <u>284</u> MCF
POOL NO. 2 <u>House Tubb</u>	<u>142</u> <u>284</u> MCF
POOL NO. 3 <u>House Drinkard</u>	<u>142</u> <u>284</u> MCF
POOL NO. 4 _____	_____ MCF
POOL TOTALS <u>426</u> <u>852</u>	

SECTION II:	<u>Oil</u>	<u>Gas</u>
POOL NO. 1 <u>House Blinebry</u>	<u>14%</u>	<u>19%</u>
POOL NO. 2 <u>House Tubb</u>	<u>10%</u>	<u>24%</u>
POOL NO. 3 <u>House Drinkard</u>	<u>76% x 426 = 323.76</u>	<u>57%</u>
POOL NO. 4 _____	<u><324></u>	

<u>OIL</u>	<u>GAS</u>
SECTION III: <u>76% ÷ 142 = 186.842</u>	<u>187</u>

SECTION IV: <u>14% x 187 = 26.18</u>	<u><26></u>
<u>10% x 187 = 18.70</u>	<u><19></u>
<u>76% x 187 = 142.12</u>	<u><142></u>

District I

1625 N French Dr, Hobbs, NM 88201

District II

1301 W Grand Ave, Artesia, NM 88210

District III

1000 Rio Brazos Rd, Aztec, NM 87410

District IV

1220 S St Francis Dr, Santa Fe, NM 87505

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

WELL API NO.

30-025-40262

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

7. Lease Name or Unit Agreement Name

L & M

8. Well Number 008

9. OGRID Number

873

10. Pool name or Wildcat

HOUSE

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: ☒ Well ☐ Gas Well ☐ Other

2. Name of Operator

APACHE CORPORATION

3. Address of Operator

303 VETERANS AIRPARK LANE, STE 3000; MIDLAND, TX 79705

4. Well Location

Unit Letter N : 330 feet from the SOUTH line and 2310 feet from the WEST line

Section 2 Township 20S Range 38E NMPM County LEA

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3438 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐

TEMPORARILY ABANDON ☐ CHANGE PLANS ☐

PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐

DOWNHOLE COMMINGLE ☒

OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐

COMMENCE DRILLING OPNS. ☐ P AND A ☐

CASING/CEMENT JOB ☐

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

PURSUANT TO DIVISION ORDER R-11363:

POOL NAMES

HOUSE BLINEBRY 33230

HOUSE TUBB 78760

HOUSE DRINKARD 33250

PERFS

BLINEBRY 6052-6352

TUBB 6604-6820

DRINKARD 6967-7120

The allocation method will be as follows based on offset production. Downhole commingling will not reduce the value of these pools. Ownership is the same for each of these pools.

BLINEBRY 14% 19% 30%

TUBB 10% 24% 15%

DRINKARD 76% 57% 55%

Spud Date: 11/30/2011

Rig Release Date: 12/09/2011

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

SIGNATURE Bev Hatfield TITLE SR. STAFF REGULATORY TECH DATE 01/17/2012

Type or print name BEV HATFIELD

E-mail address: beverly.hatfield@apachecorp.com

PHONE: 432-818-1906

For State Use Only

APPROVED BY: [Signature]

TITLE [Signature]

DATE

JAN 18 2012

Conditions of Approval (if any): [Signature]

JAN 24 2012

HOBBS OCD**DISTRICT I**

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised July 16, 2010

Submit one copy to appropriate
District Office**OIL CONSERVATION DIVISION**1220 South St. Francis Dr.
Santa Fe, New Mexico 87505**WELL LOCATION AND ACREAGE DEDICATION PLAT**☐ AMENDED REPORT

API Number 30 025 40262	Pool Code 33230	Pool Name House; Blinebry
Property Code 303220	Property Name L&M	Well Number 8
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3438'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	20 S	38 E		330	SOUTH	2310	WEST	LEA

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	Consolidation Code	Order No. DHC- HOB- 488						

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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature: <i>Bev Hatfield</i> Date: 1-17-12 Printed Name: <i>Bev Hatfield</i> Email Address: <i>beverly.hatfield@apachecorp.com</i>
	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. Date Surveyed: <i>JAN 20, 2012</i> Signature & Seal of Professional Surveyor: <i>GARY L. JONES</i> Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24999

HOBBS OCD

JAN 18 2012

DISTRICT I

1625 N. French Dr., Hobbs, NM 88240

DISTRICT II

1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

1229 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

Revised July 16, 2010

Submit one copy to appropriate
District OfficeRECEIVED
OILCONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30 025 40262	Pool Code 78 760	Pool Name House, Tubb
Property Code 303220	Property Name L&M	Well Number 8
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3438'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	20 S	38 E		330	SOUTH	2310	WEST	LEA

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	Consolidation Code	Order No. DHC- HOB- 488						

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	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. Date Surveyed: <i>1-17-12</i> Signature & Seal of Professional Surveyor: <i>GARY L. JONES</i> Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24999

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Energy, Minerals and Natural Resources DepartmentForm C-102
Revised July 16, 2010Submit one copy to appropriate
District Office

RECEIVED

CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30 025 40262	Pool Code 33250	Pool Name House; Drinkard
Property Code 303220	Property Name L&M	Well Number 00 8
OGRID No. 873	Operator Name APACHE CORPORATION	Elevation 3438'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	2	20 S	38 E		330	SOUTH	2310	WEST	LEA

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	Consolidation Code	Order No. DHC-HOB-488
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SURFACE LOCATION Lat - N 32°35'45.03" Long - W 103°07'13.26" NMSPCE- N 582628.790 E 914907.661 (NAD-83) SURFACE LOCATION Lat - N 32°35'44.62" Long - W 103°07'11.54" NMSPCE- N 582569.731 E 873725.667 (NAD-27)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division. <i>Beverly Hatfield</i> 1-17-12 Signature Date Beverly Hatfield Printed Name beverly.hatfield@apache corp.com Email Address
	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 <i>Gary L. Jones</i> Signature & Seal of Professional Surveyor Date Surveyed: 1-17-12 Certificate No. Gary L. Jones 7977 BASIN SURVEYS 24999

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard	Blinbry	Tubb	Drnkard
L D JONES	1	3002507222	1H 20S 38E SE NE	3478	0	0	186180	0	0	5043	0	0
PHILLIPS HOUSE STATE	1	3002507225	2O 20S 38E	0	0	100935	0	0	471023	0	0	25005
STATE U	1	3002507227	2P 20S 38E	0	0	157611	0	0	97687	0	0	184324
ARNOLD A	1	3002507761	11F 20S 38E	0	27025	670	0	1352396	0	0	4442	0
HOUSE B	1	3002507764	11P 20S 38E	0	9855	0	0	118752	0	0	0	0
BLANKENSHIP	1	3002507766	12E 20S 38E	0	0	54657	0	0	16638	0	0	7010
BLANKENSHIP	2	3002507767	12L 20S 38E	3791	0	134312	9124	0	1177187	2063	0	37126
BLANKENSHIP	3	3002507768	12M 20S 38E NE SW SW	4252	8553	39616	26660	45412	2435461	2879	14635	22235
CONE A	1	3002507770	12F 20S 38E	0	16597	206383	0	65480	235977	0	56289	83804
CONE B	1	3002507771	12J 20S 38E	0	0	239833	0	0	591551	0	0	69199
HESTER 12	3	3002507772	12O 20S 38E	0	0	150171	0	0	853402	0	0	32702
HESTER 12	2	3002507773	12N 20S 38E	0	0	82932	0	0	540453	0	0	17896
HESTER 12	1	3002512549	12K 20S 38E	0	0	97448	0	0	457760	0	0	16669
HOWSE C	1	3002522165	11H 20S 38E SE NE	0	0	26370	0	0	143078	0	0	6340
CONE B	2	3002525921	12G 20S 38E	0	0	398	0	0	86772	0	0	1460
WERTA FEDERAL	1	3002527696	35O 19S 38E SW SE	40459	14640	11778	197694	10262	24012	48571	10829	29470
L & M	1	3002528287	2L 20S 38E C S2 SW	0	9140	0	0	127083	0	0	0	0
FRANCES EVELYN	1	3002532163	35N 19S 38E SE SW	5470	0	0	61072	0	0	35070	0	0
PICAYUNE	1	3002534734	11J 20S 38E C NW SE	0	12856	24017	193	63583	369081	0	0	17895
DREESSEN	1	3002534857	1G 20S 38E C SW NE	2199	0	0	7175	0	0	23039	0	0
HOWSER	1	3002534970	1J 20S 38E C NW SE	1371	0	0	28097	0	0	35934	0	0
MERIT	1	3002535240	11O 20S 38E E2 SW SE	0	9027	0	0	564424	0	0	7350	0
REDTAG	1	3002535333	2J 20S 38E NW NW SE	23459	3936	384	60972	9314	3892	3480	0	0
MERIT II	1	3002535448	11G 20S 38E C SW NE	1485	15873	21816	6848	24740	150568	0	11887	19464
DUKES	1	3002535614	11K 20S 38E E2 NE SW	0	7818	28814	0	38544	120251	0	8390	26341
REDTAG	2	3002535630	2K 20S 38E NE NE SW	13675	0	0	828126	0	0	2484	0	0
DIXIE QUEEN	1	3002536421	11P 20S 38E S2 SE SE	0	6860	0	0	482762	0	0	0	0
WHITE OWL	1	3002536689	2 20S 38E NW NW NW	29580	0	0	109911	0	0	9450	0	0
HESTER 12	6	3002536795	12N 20S 38E SW SE SW	23728	7353	8428	295604	163203	50078	20242	4795	4301
HESTER 12	4	3002536800	12O 20S 38E SW SW SE	14299	3626	3223	248388	90941	82478	30000	0	1771
PLOW BOY FEDERAL	1	3002536962	35J 19S 38E NW NW SE	19975	0	0	58990	0	0	0	0	0
ROUND-UP	1	3002537100	35H 19S 38E SW SE NE	0	0	5777	0	0	9331	0	0	0
SALEM	1	3002537316	3A 20S 38E SE NE NE	1638	0	8264	5455	0	24769	2557	0	945
HESTER 12	8	3002538076	12K 20S 38E SW NE SW	10716	2920	2798	109593	69730	44221	7818	8821	3409
HESTER 12	5	3002538211	12P 20S 38E NW SE SE	16621	4620	8651	158147	65948	61479	31425	4884	0
HESTER 12	7	3002538369	12N 20S 38E NE SE SW	4732	5512	2039	40486	38426	21525	13075	6563	7512
MELOT	1	3002538370	11C 20S 38E SW NE NW	3212	4130	1834	33069	25720	14700	15808	15358	14005
BLANKENSHIP	4	3002538397	12L 20S 38E NE NW SW	2020	2172	4816	9176	15416	17122	6937	2869	2153
BLANKENSHIP	5	3002538399	12M 20S 38E SW SW SW	9264	3331	4067	34953	60020	180026	13718	3048	2288
BLANKENSHIP	6	3002538400	12L 20S 38E SW NW SW	5330	3687	825	22301	1122	40375	4779	351	6524
RHINO	2	3002538484	11N 20S 38E SE NE SW	6622	1751	3503	17974	11856	0	0	0	0
MAGNOLIA	1	3002538660	11E 20S 38E NE SW NW	3772	3219	2243	51486	9771	9635	13478	1784	21218
DIXIE QUEEN	2	3002538661	11P 20S 38E NE SE SE	6721	1772	1737	27270	11850	15962	0	0	0
HESTER 12	10	3002538662	12O 20S 38E NE SW SE	2851	58	461	17265	1224	3269	16856	648	1686
HESTER 12	11	3002538663	12P 20S 38E SW SE SE	1007	818	1455	54416	52800	4937	4393	5494	2887
MELOT	2	3002538700	11C 20S 38E NW NE NW	9867	2615	1027	24697	3612	10536	11904	10966	8223
HESTER 12	9	3002538791	12K 20S 38E NE NE SW	1187	775	2409	25797	3826	2754	13680	4236	6945
MAGNOLIA	2	3002539090	11D 20S 38E NE NW NW	559	179	1501	25507	13912	37875	6731	1442	1442
TOTALS				273,338	190,718	1,443,203	2,782,626	3,542,129	8,405,863	381,414	185,181	682,249
AVERAGES				5,695	3,973	30,067	57,971	73,794	175,122	7,946	3,858	14,214

Proposed Allocations	Oil	Gas	Water
Blinbry	14%	19%	31%
Tubb	10%	24%	15%
Drnkard	76%	57%	55%
TOTAL	100%	100%	100%



AFE No: PA- 11- 0669-C

L&M #8

API #: 30-025-40262

330' FSL & 2310' FWL

Section 2, Township 20S, Range 38E

Lea County, New Mexico

Completion Procedure – BTD

December 12, 2011

Recommended Procedure:

Note: **5-1/2" 17# L-80 csg @ 7350' w/1,535 sx cmt (Did not circ)**
Marker Joint @ 5940-5962', DV tool @ 1577'

Drinkard:

1. MIRU PU. Install 10K WH (for frac). Install BOP. Pressure test BOP / casing.
2. TIH with bit and DCs on 2-7/8" tubing. Drill out DV tool and clean out to $\pm 7305'$ PBTD. Test DV tool / casing. TOH.
3. MIRU wireline unit. Run GR/CCL/CBL log from PBTD to surface. Correlate to Weatherford Photo Density/Compensated Neutron/Spectral Gamma Ray log dated 12/8/11.
4. Perforate Drinkard formation @ 6967-6969', 6981-6983', 6986-6988', 7009-7011', 7038-7040', 7043-7045', 7047-7049', 7068-7070', 7081-7083' and 7118-7120' w/1 SPF, 120 deg phasing. Total = 30 shots.
5. TIH 2-7/8" tbg and pkr. Spot acid over perfs. Set pkr @ $\pm 6870'$.
6. Acidize Drinkard interval with 3,000 gals 15% NEFE HCL acid and ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix.
7. Release pkr & run through perfs to knock off balls. TOH with tbg and pkr.
8. ND BOP. Install 10K frac valve.
9. RU frac equipment. Load hole with 10# gel slick water. Frac Drinkard w/60,000# 20/40 Ottawa sand (1-4 ppg ramp) and 20,000# 20/40 SLC resin coated sand (4 ppg hold) down 5-1/2" csg @ ± 30 BPM in 35# XL gel as per frac recommendation. Maximum treating pressure = 6000 psi.
10. Spot 1,500 gals 15% HCL across Tubb interval 6604' – 6820' during Drinkard frac flush.
11. RIH and set composite plug above the Drinkard interval @ $\pm 6920'$. Pressure test CBP to 2000 psi.

Tubb:

1. Perforate Tubb formation @ 6604', 6606', 6608', 6612', 6614', 6618', 6620', 6622', 6624', 6646', 6648', 6660', 6662', 6664', 6672', 6674', 6680', 6682', 6684', 6696', 6697', 6730', 6732', 6748', 6750', 6758', 6763', 6768', 6770', 6772', 6804', 6806', 6819' and 6820' w/1 SPF, 120 deg phasing. Total = 34 shots.
2. Acidize Tubb w/3,000 gals 15% HCL with ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix. RIH w/junk basket to knock off balls.

3. Frac the Tubb interval w/80,000# 20/40 Ottawa sand (2-6 ppg ramp) and 20,000# 20/40 SLC resin coated sand (6 ppg hold) down 5-1/2" csg @ 50 BPM in 30# XL gel as per frac recommendation. Maximum treating pressure = 6000 psi.
4. Spot 1,500 gals 15% HCL across Blinebry interval 6052' - 6352' during Tubb frac flush.
5. RIH and set composite plug above the Tubb interval @ $\pm 6550'$. Pressure test CBP to 2000 psi.

Blinebry:

1. Perforate Blinebry formation @ 6052', 6054', 6056', 6060', 6062', 6102', 6106', 6110', 6114', 6120', 6124', 6126', 6128', 6133', 6138', 6144', 6146', 6152', 6154', 6170', 6185', 6200', 6225', 6243', 6284', 6292', 6294', 6312', 6314', 6318', 6320', 6330', 6332', 6334', 6338', 6340', 6346', 6348', 6350' and 6352' w/1 SPF, 120 deg phasing. Total 40 shots.
2. Acidize Blinebry w/3,000 gals 15% HCL w/ball sealers. Add 1 drum of corrosion inhibitor & 2 drums scale inhibitor to acid mix. RIH w/junk basket to knock off balls.
3. Frac the Blinebry interval w/160,000# 20/40 Ottawa sand (2-6 ppg ramp) and 40,000# 20/40 SLC resin coated sand (6 ppg hold) down 5-1/2" csg @ 50 BPM in 30# XL gel as per frac recommendation. Maximum treating pressure = 6000 psi.
4. RIH w/2-7/8" tbg and bit. Drill out plugs and clean out to PBTD.
5. RIH w/production tubing. Land SN @ $\pm 7170'$. RIH w/1-1/2" pump & rods.
6. Hook up 640 PU.
7. Place well on test.

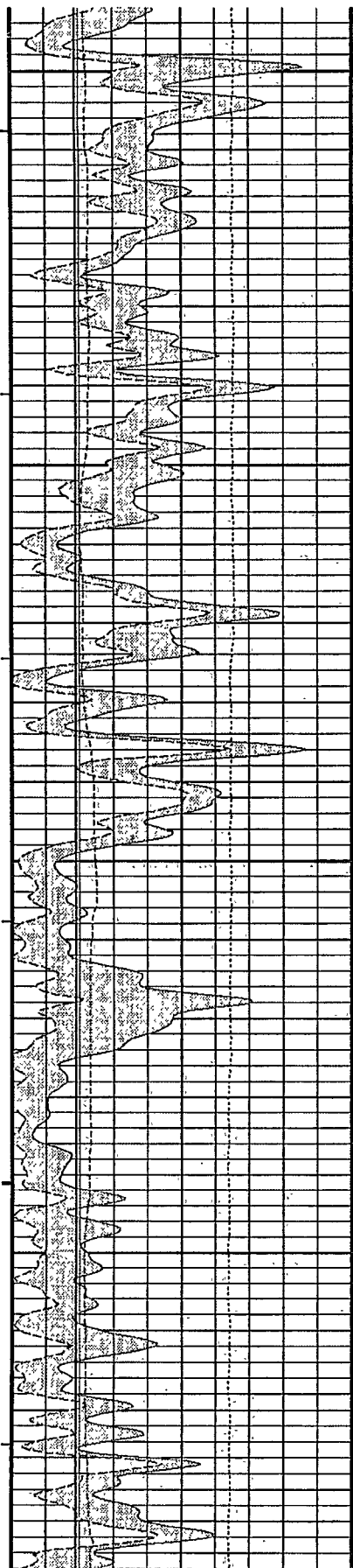
Prepared by:

Gary C. Timmermann
12/12/2011

				COMPENSATED PHOTO DENSITY COMPENSATED NEUTRON SPECTRAL GAMMA RAY			
COMPANY APACHE CORPORATION WELL L & M #8 FIELD HOUSE PROVINCE/COUNTY LEA COUNTRY/STATE U.S.A / TEXAS LOCATION 330' FSL & 2310' FWL SEC 2, T-20S, RGE 38E							
SEC	TWP	RGE	Other Services	MICRO LATEROLOG			
2	20S	38E	DUAL LATEROLOG				
API Number 30-025-40262			COMPENSATED SONIC				
Permit Number							
Permanent Datum GL, Elevation 3438 feet				Elevations:			
Log Measured From KB above Permanent Datum				KB 3449.00			
Drilling Measured From KB				DF 3448.00			
				GL 3438.00			
Date	08-DEC-2011						
Run Number	ONE						
Depth Driller	7350.00 feet						
Depth Logger	7349.00 feet						
First Reading	7302.00 feet						
Last Reading	100.00 feet						
Casing Driller	1610.00 feet						
Casing Logger	1619.00 feet						
Bit Size	7.875 inches						
Hole Fluid Type	BRINE						
Density / Viscosity	10.00 lb/USg		33.00 sec/qt				
PH / Fluid Loss	10.00		10.00 ml/30Min				
Sample Source	PIT						
Rm @ Measured Temp	0.05 @ 73.0		ohm-m				
Rmf @ Measured Temp	0.037 @ 73.0		ohm-m				
Rmc @ Measured Temp	0.074 @ 73.0		ohm-m				
Source Rmf / Rmc	CALC		CALC				
Rm @ BHT	0.034 @ 112.0		ohm-m				
Time Since Circulation	10 HOURS						
Max Recorded Temp	112.00		deg F				
Equipment Name	COMPACT						
Equipment / Base	13239		4352				
Recorded By	DIRK ENLOE						
Witnessed By	ROBERT JOHNSON						

BOREHOLE RECORD			Last Edited: 08-DEC-2011 15:21	
Bit Size inches	Depth From feet	Depth To feet		
12.250	0.00	1619.00		
7.875	1619.00	7349.00		
CASING RECORD				
Type	Size inches	Depth From feet	Shoe Depth feet	Weight pounds/ft
SURFACE	8.625	0.00	1619.00	24.00

REMARKS	
TOOLS RAN: MSS, SKJ, MMR, MLE, MUG, MPD, MDN, MLG, SGS, MCG, MBE HARDWARE RAN: MDN - ECCENTERED BOWSPRING MLE - TWO 0.5" STANDOFF'S MSS - TWO 0.5" STANDOFF'S 2.71 G/CC DENSITY MATRIX USED TO CALCULATE POROSITY. ANNULAR VOLUME WITH 5.5" CASING: 1705 ft³ TOTAL HOLE VOLUME: 2645 ft³	



5950

105°

6000

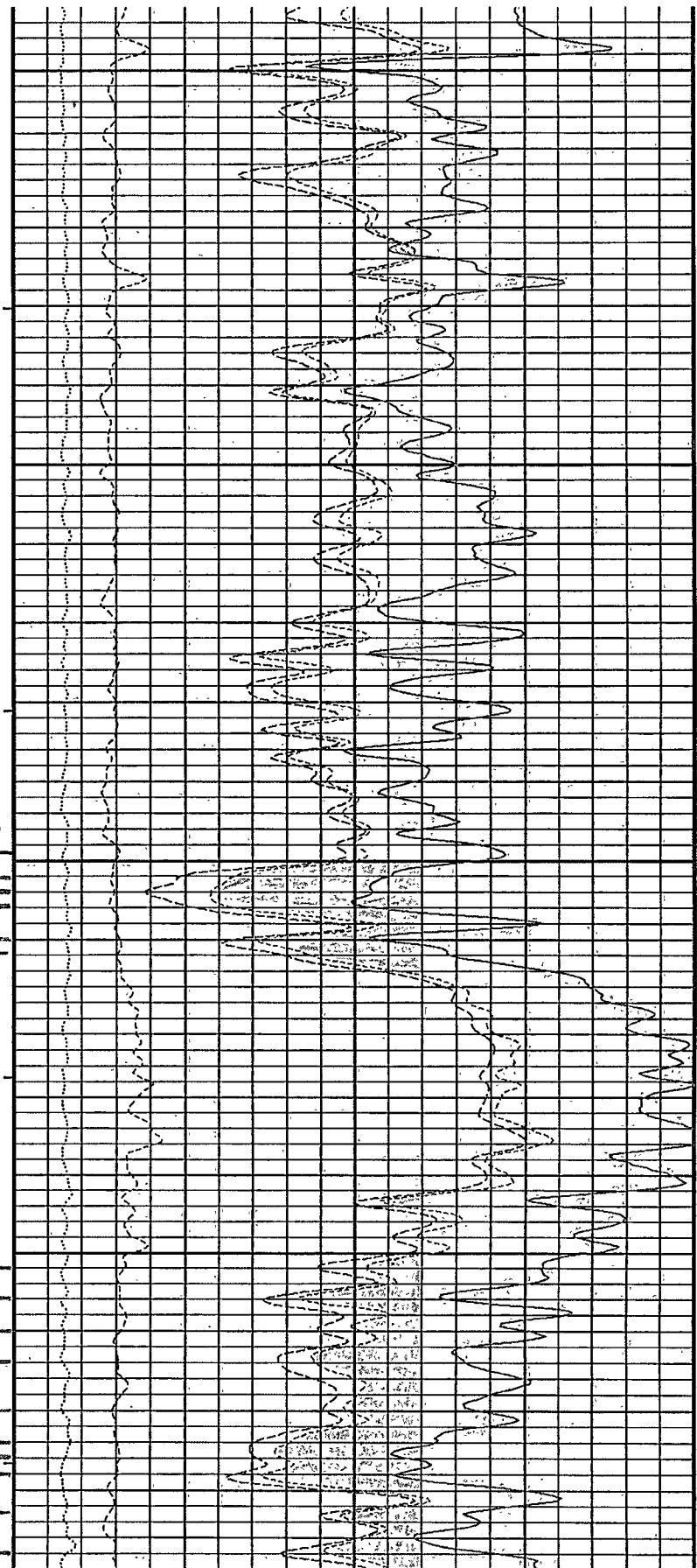
105°

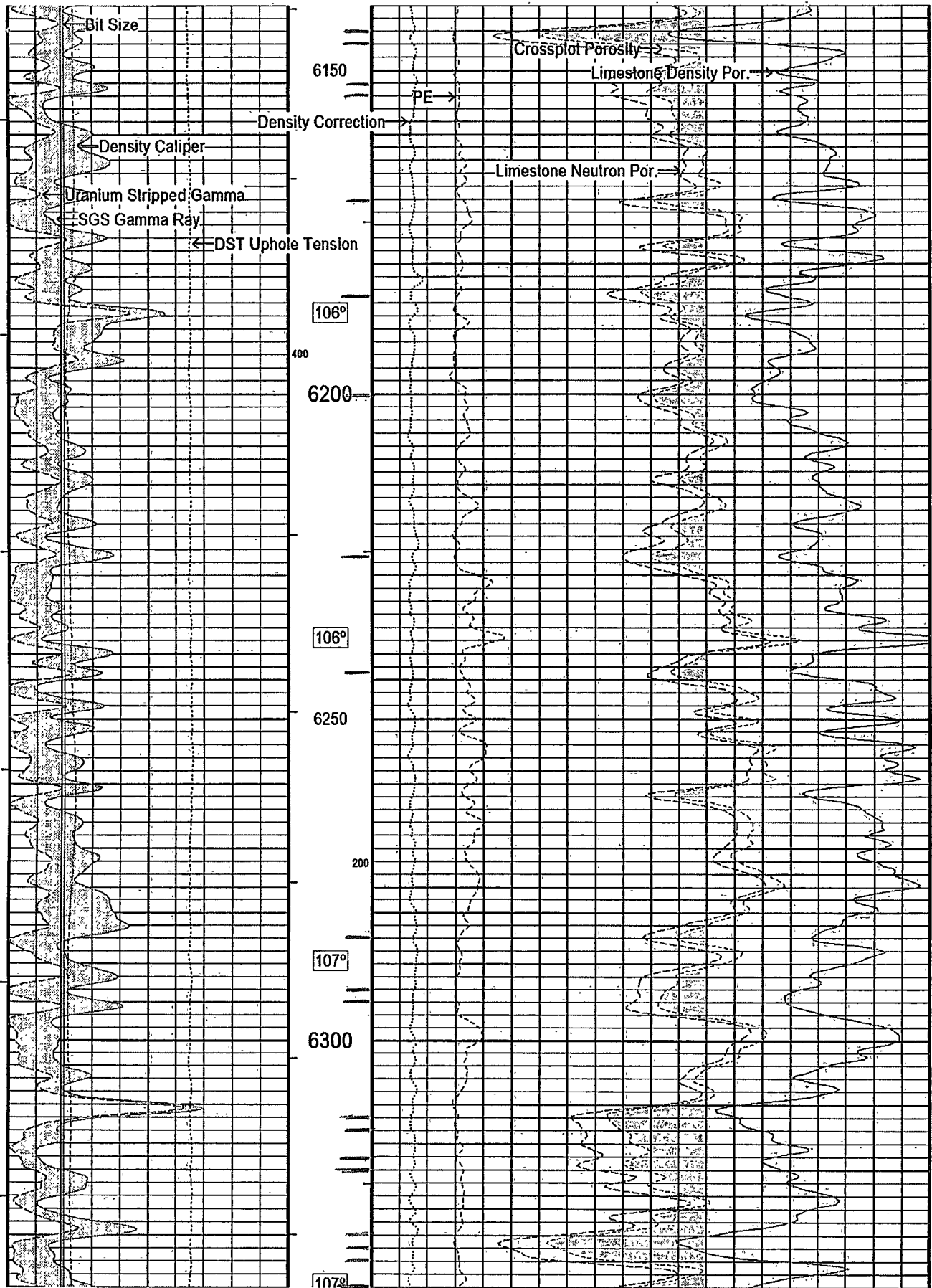
BLNB
6050

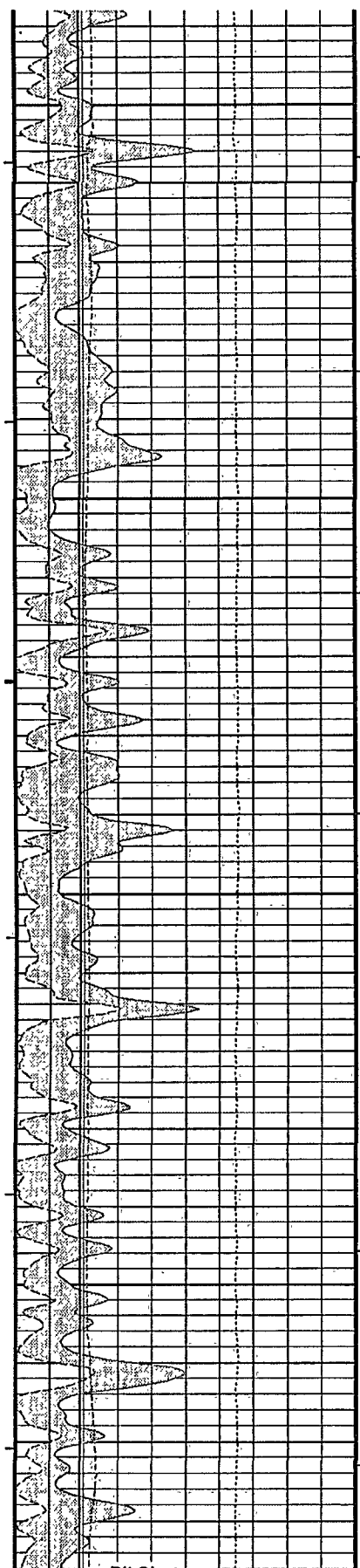
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6100

106°







6350

107°

6400

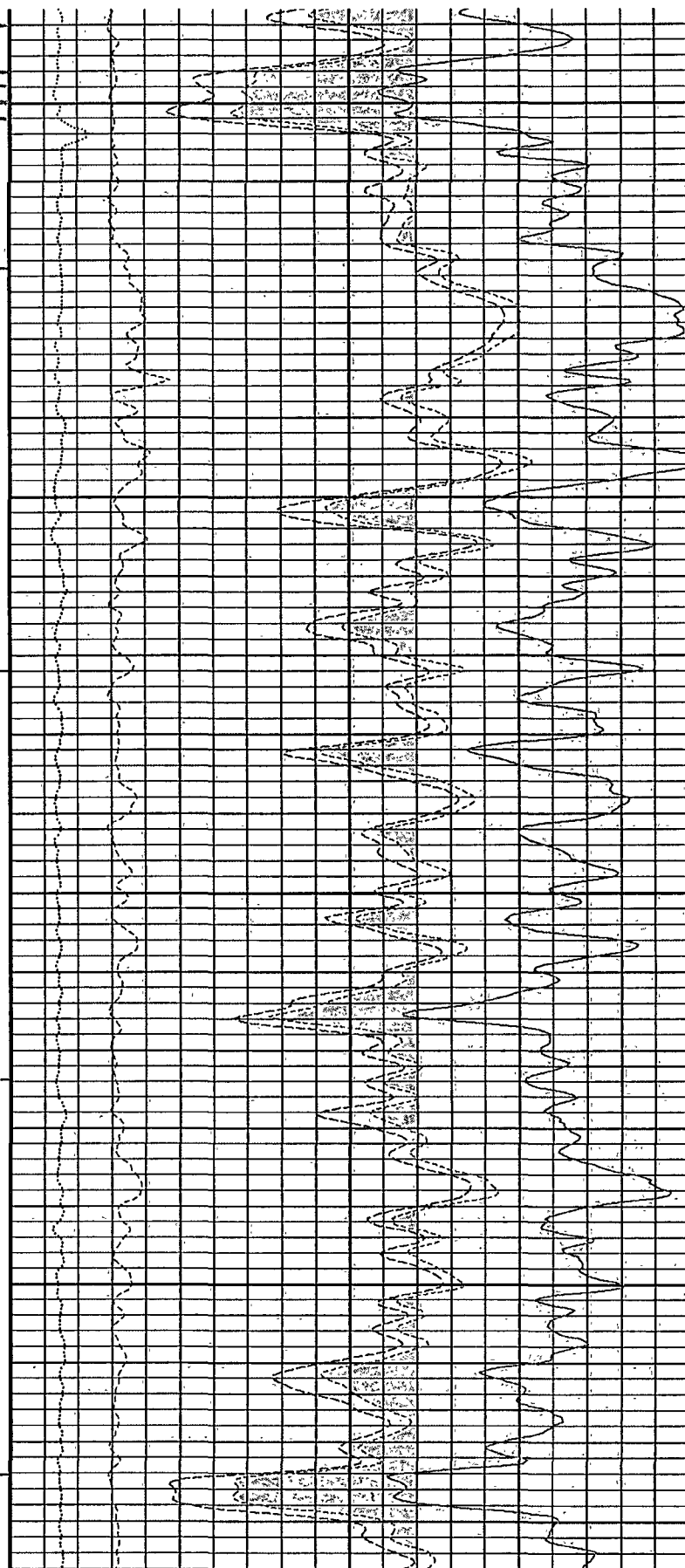
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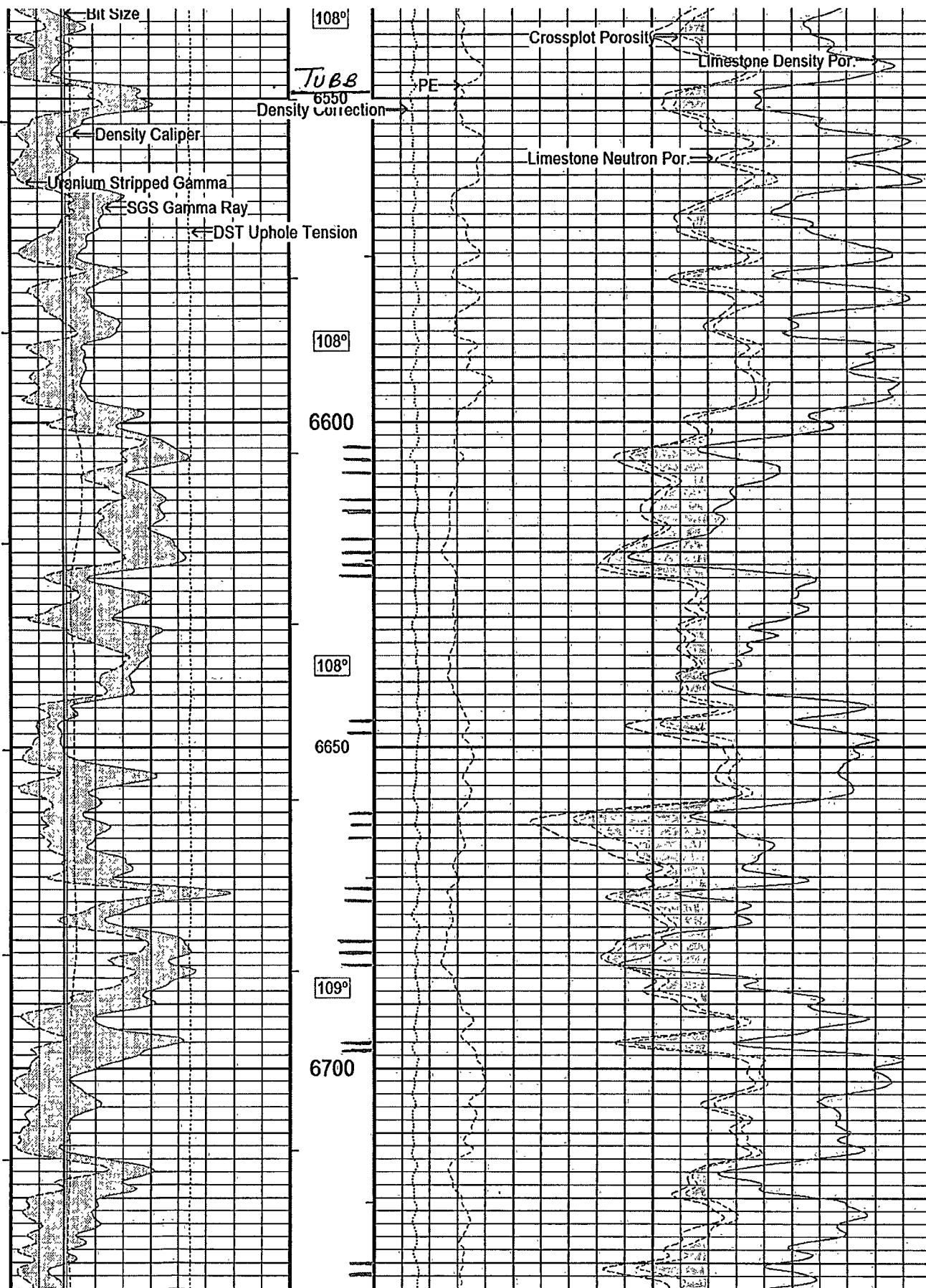
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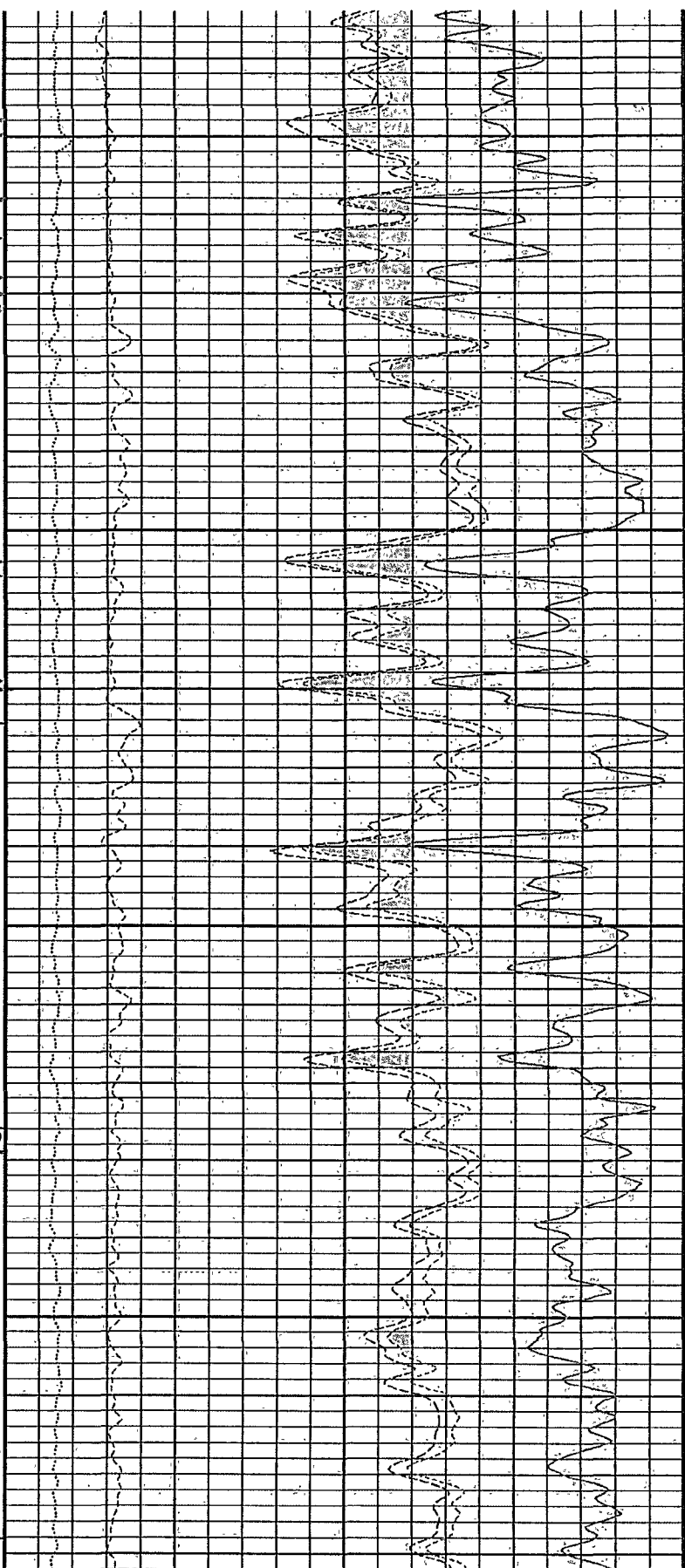
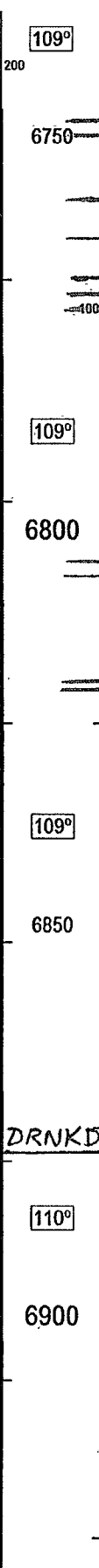
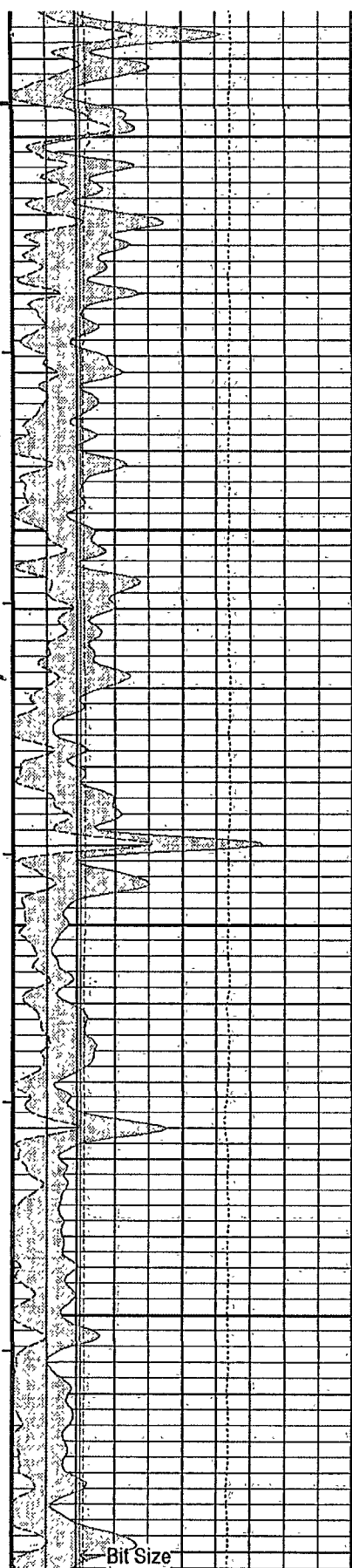
300

107°

6500







109°

6750

109°

6800

109°

6850

DRNKD

110°

6900

Bit Size

