

Submit 3 Copies To Appropriate District Office  
 District I  
 1625 N. French Dr., Hobbs, NM 88240  
 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

State of New Mexico  
 Energy, Minerals and Natural Resources  
 OIL CONSERVATION DIVISION  
 1220 South St. Francis Dr.  
 Santa Fe, NM 87505

Form C-103  
 June 19, 2008

HOBBS OCD  
 SEP 30 2011

WELL API NO. 30-025-39285
5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name JG Hare
8. Well Number 017
9. OGRID Number 873
10. Pool name or Wildcat Paddock/Tubb Oil&Gas (Oil)/Wantz, Abo

**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:  Oil Well  Gas Well  Other:

2. Name of Operator  
Apache Corporation

3. Address of Operator  
303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705

4. Well Location  
 Unit Letter M : 990 feet from the South line and 480 feet from the West line  
 Section 33 Township 21S Range 37E NMPM County Lea

11. Elevation (Show whether DR, RKB, RT, GR, etc.)  
3449' GL

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

<b>NOTICE OF INTENTION TO:</b>		<b>SUBSEQUENT REPORT OF:</b>	
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	P AND A <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	MULTIPLE COMPL <input type="checkbox"/>	CASING/CEMENT JOB <input type="checkbox"/>	
DOWNHOLE COMMINGLE <input checked="" type="checkbox"/>			
OTHER: <input type="checkbox"/>		OTHER: <input type="checkbox"/>	

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.

Apache requests permission to complete and DHC this well, per the following: **R-11363**

Pool Names: Paddock	49210	Perforations: Paddock	5114'-5296'
Tubb O&G (Oil)	60240	Tubb	6011'-6223'
Wantz; Abo	62700	Abo	6682'-7069'

The allocation method will be as follows based on offset production (See attached application for exception to Rule 303-C).

	OIL	GAS	Water
Paddock	76%	25%	84%
Tubb	8%	57%	8%
Abo	16%	18%	8%

Downhole commingling will not reduce the value of these pools. Ownership is the same for each of these pools.

Spud Date:  Rig Release Date:

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

SIGNATURE Reesa Holland TITLE Sr. Engr Tech DATE 09/28/2011

Type or print name Reesa Holland E-mail address: Reesa.Holland@apachecorp.com PHONE: 432/818-1062

**For State Use Only**

APPROVED BY: [Signature] TITLE REGULATORY ENGINEER DATE OCT 03 2011  
 Conditions of Approval (if any):

OCT 05 2011

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**HOBBS OCD** State of New Mexico  
Energy, Minerals & Natural Resources Department  
**SEP 30 2011** OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505  
**RECEIVED**

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number 30-025-39285		<sup>2</sup> Pool Code 49210		<sup>3</sup> Pool Name Paddock	
<sup>4</sup> Property Code 26473		<sup>5</sup> Property Name J G Hare			<sup>6</sup> Well Number 017
<sup>7</sup> OGRID No. 873		<sup>8</sup> Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705			<sup>9</sup> Elevation 3449' GL

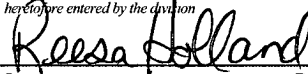
<sup>10</sup> Surface Location

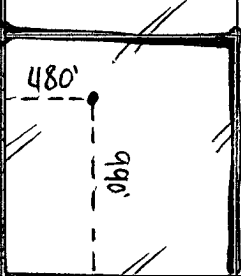
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	33	21S	37E		990	South	480	West	Lea

<sup>11</sup> 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
<sup>12</sup> Dedicated Acres 40		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> 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.

16					<sup>17</sup> <b>OPERATOR CERTIFICATION</b> <i>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>  09/28/2011 Signature Date Reesa Holland Printed Name	
					<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> <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>	
					Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number	



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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-025-39285		2 Pool Code 60240		3 Pool Name Tubb Oil & Gas (Oil)	
4 Property Code 26473		5 Property Name J G Hare			6 Well Number 017
7 OGRID No. 873		8 Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705			9 Elevation 3449' GL

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
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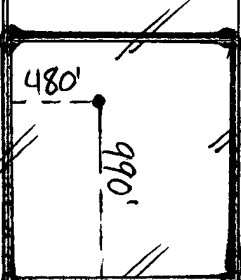
11 Bottom Hole Location If Different From Surface

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

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				<p>18 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>Date of Survey Signature and Seal of Professional Surveyor</p> <p>Certificate Number</p>	





Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)		Cum Gas (MCF)		Cum Water (BBL)	
				Paddock	Ab	Paddock	Ab	Paddock	Ab
LOCKHART A 27	10	3002506795	27G 21S 37E	37831	45009	514994	2754787	120489	1150
LOCKHART A 27	12	3002506796	27D 21S 37E NW NW NW		31628		5378912		13378
LOCKHART A 27	11	3002506797	27H 21S 37E	98		416			
LOCKHART A 27	4	3002506798	27D 21S 37E	9741	3962	39506		14232	
LOCKHART A 27	13	3002506799	27E 21S 37E	60096		1045737		145265	
LOCKHART A 27	1	3002506800	27C 21S 37E NW NE NW		1090		22989		4250
LOCKHART A 27	2	3002506801	27F 21S 37E	58920		25705	1185899	262017	175966
LOCKHART A 27	6	3002506804	27B 21S 37E	205932		1453579		274285	
LOCKHART A 27	8	3002506805	27D 21S 37E S2 NW NW	135		150		829	
LOCKHART A 27	7	3002506806	27C 21S 37E	88957		1522795		162075	
LOCKHART A 27	3	3002506807	27E 21S 37E W2 SW NW		57429		978530		9570
F F HARDISON B	5	3002506808	27O 21S 37E C NE SE		9456		891718		27956
F F HARDISON B	6	3002506809	27J 21S 37E NW SE	19397		61122		43530	
F F HARDISON B	7	3002506810	27P 21S 37E		15675		1617160		
F F HARDISON B	9	3002506812	27O 21S 37E	215					
J N CARSON NCT A	5	3002506814	28J 21S 37E	74158		388095		17419	
J N CARSON NCT A	8	3002506815	28O 21S 37E	209860		851800		49969	
J N CARSON NCT A	11	3002506817	28K 21S 37E NE NE SW	387491		24998	1644292	120301	
MARSHALL B	2	3002506819	27M 21S 37E SW SW		27989		3346631		4813
MARSHALL B	3	3002506820	27K 21S 37E NE SW	58695	3200	379825	198009	159466	4844
MARSHALL B	4	3002506821	27L 21S 37E C NW SW	72993		526533		280183	
MARSHALL B	7	3002506822	27I 21S 37E NW NW SW		2317	35404	228116	666506	7071
MARSHALL B	5	3002506823	27N 21S 37E	276277		510898		295209	
MARSHALL B	6	3002506824	27M 21S 37E	360120	21675	1655901	3198585	108651	336
MARSHALL B	9	3002506826	27K 21S 37E NW NE SW	564	12615	2118	236171	917	9568
UNIT	126	3002506831	28P 21S 37E		41810		4674523		1486
J N CARSON NCT C	7	3002506834	28P 21S 37E	406069		900171		16988	
J N CARSON NCT C	9	3002506836	28I 21S 37E	55255		349615		87229	
EUNICE KING	7	3002506843	28G 21S 37E	135661		603851		79198	
EUNICE KING	8	3002506844	28H 21S 37E C SE NE	1085	4156	18869	35817	5192	2389
UNIT	111	3002506845	28G 21S 37E						
EUNICE KING	10	3002506846	28B 21S 37E C NW NE	243079		672745		26098	
UNIT	401	3002506848	28A 21S 37E C NE NE	48489	574	185125	10217	28369	723
EUNICE KING	13	3002506849	28A 21S 37E		15927		5433455		332
J N CARSON NCT A	9	3002506850	28K 21S 37E		4760		3157394		9211
EUNICE KING	14	3002506851	28G 21S 37E NW SW NE		3834		486816		25382
EUNICE KING	15	3002506852	28F 21S 37E SE SE NW	48844		2603	156313		27733
EUNICE KING	17	3002506854	28C 21S 37E	421626		1697165		264507	
EUNICE KING	18	3002506855	28E 21S 37E	9396	6239	154071	942488	323039	658
EUNICE KING	19	3002506856	28C 21S 37E C NE NW	57736	13949	257131		15985	
EUNICE KING	20	3002506857	28F 21S 37E NE SE NW	450610		904024		332839	
LINAM	3	3002506859	29A 21S 37E SE NE NE		15727	3054	3288195		831
UNIT	114	3002506861	28J 21S 37E		26982		1696615		254
UNIT	103	3002506862	28C 21S 37E		28458		4952056		
EUNICE KING	24	3002506864	28E 21S 37E		26754				
EUNICE KING	104	3002506865	28D 21S 37E SE NW NW	10936	5686	18528	45825	350702	14207
UNIT	112	3002506866	28H 21S 37E NW SE NE	8731		35767		35720	11133
E O CARSON	17	3002506871	28N 21S 37E SE SW		9469		1316332		6613
E O CARSON	18	3002506872	28M 21S 37E E2 SW SW	76126		540231		121661	
E O CARSON	19	3002506873	28L 21S 37E		18581		3600039		7212
E O CARSON	20	3002506874	28N 21S 37E	213720		13257	1256287		227588
E O CARSON	21	3002506875	28L 21S 37E	60364		273277		196353	
E O CARSON	22	3002506876	28L 21S 37E	23854	7520	34871		25384	
UNIT	117	3002506877	29I 21S 37E		20694		1954603		531
WILLIAM TURNER	3	3002506879	29I 21S 37E SE NE SE		20554	338	1867881	1077	346
UNIT	122	3002506880	29P 21S 37E C SE SE		27491		2431548		1177
TURNER	3	3002506882	29P 21S 37E	358	27027		2161687		321
UNIT	164	3002506886	29M 21S 37E	7424					
UNIT	162	3002506888	29K 21S 37E		12191		1185513		
UNIT	158	3002506891	29E 21S 37E C NE NW		309		5590		
UNIT	159	3002506894	29D 21S 37E	116941		330218		858738	
D HARDY	3	3002506897	29H 21S 37E		655				
UNIT	149	3002506936	32I 21S 37E		19503		1805259		
UNIT	131	3002506942	32A 21S 37E		15962		3352335		4452
UNIT	133	3002506948	32C 21S 37E		7012		539611		
DOWNES D	2	3002506955	32L 21S 37E		13768		117591		134234
DOWNES D	3	3002506956	32N 21S 37E		5422		1512822		
STATE DB	1	3002506957	32F 21S 37E		12547		954332		3
J G HARE	1	3002506961	33N 21S 37E		2879		108879		17089
J G HARE	4	3002506964	33N 21S 37E	27126		180297		207778	
J G HARE	5	3002506965	33K 21S 37E	77664		992693		110667	
J G HARE	6	3002506966	33L 21S 37E	21244	58473	125500	41711	107471	6214
J G HARE	7	3002506967	33M 21S 37E	18347	26982	10358	170156	3287668	163659
CORRIGAN	1	3002506968	33I 21S 37E	18825		211505		8072	
J N CARSON NCT A	3	3002506971	33B 21S 37E	161094		1436769		41279	
J N CARSON NCT C	5	3002506972	33A 21S 37E	136226		1842372		16670	
CARSON WATSON COM	2	3002506974	33H 21S 37E	176633	7529	1721012	1909285	98368	2113
CARSON WATSON COM	2	3002506975	33H 21S 37E		7300		1596042		1181
UNIT	129	3002506979	33C 21S 37E		4544		319436		2133
UNIT	142	3002506980	33F 21S 37E		30294		2669051		
E O CARSON	9	3002506981	33E 21S 37E	61043	10895	387812	2044775	97725	4565
E O CARSON	10	3002506982	33F 21S 37E	70621		663701		93395	
E O CARSON	11	3002506983	33G 21S 37E	260909		1886020		263455	
CARSON WATSON COM	13	3002506984	33G 21S 37E SE SW NE		187		137850		287
E O CARSON	14	3002506985	33C 21S 37E		329	96381			
E O CARSON	15	3002506986	33C 21S 37E	249673		2552068		149159	
E O CARSON	16	3002506987	33D 21S 37E	146155	25	761543	8106	228132	1500
H CORRIGAN	1	3002506988	33O 21S 37E	90775		25045	697403	201803	487691
UNIT	146	3002506991	33J 21S 37E			1014	88115		2907

Lease Name	Well Number	10DIGIT API	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Paddock	Tubb	Abo	Paddock	Tubb	Abo	Paddock	Tubb	Abo
H CORRIGAN	5	3002506992	33J 21S 37E	104776			1041652			103006		
UNIT	156	3002506993	33O 21S 37E		5597			191309			8344	
CORRIGAN GAS COM	7	3002506994	33P 21S 37E		14443			3433748			1331	
CORRIGAN	2	3002506995	33I 21S 37E	93027		10082	621987		292978	239829		
OWEN B	1	3002506996	34M 21S 37E	18611			78576			49002		
OWEN B	2	3002506997	34L 21S 37E		77956			5866431			48834	
OWEN B	2	3002507000	34L 21S 37E	126532			90250	6953142		18717	14624	
MARK OWEN	4	3002507003	34J 21S 37E		4763			554425			2234	
MARK OWEN	5	3002507004	34P 21S 37E		33716			3337338				
MARK OWEN	6	3002507005	34O 21S 37E SW SW SE	2413	403		5221	90285		17527	2256	
PADDOCK UNIT	2	3002507006	34P 21S 37E	223935			387186			122626		
F F HARDISON B	1	3002507008	34H 21S 37E		2473			130730				
F F HARDISON B	2	3002507009	34A 21S 37E		10398			505314				
F F HARDISON B	3	3002507010	34G 21S 37E SE SW NE		20			68691			250	
MARSHALL COM	2	3002507012	34F 21S 37E SE NW	12161			53476			43476		
MARSHALL COM	1	3002507013	34E 21S 37E E2 SW NW	78431			250724			50756		
MARSHALL COM	5	3002507016	34C 21S 37E		12699			2871566			5154	
MARSHALL COM	6	3002507017	34E 21S 37E	448109			2159778			205255		
MARSHALL COM	7	3002507018	34C 21S 37E	14226								
MARSHALL COM	8	3002507019	34D 21S 37E	392012			1787822			205702		
UNIT	163	3002509935	29L 21S 37E NW NW SW									
BRUNSON B	3	3002509976	3M 22S 37E		3828			195644			18	
PADDOCK UNIT	38	3002509977	3N 22S 37E	190384			609445			3352		
BRUNSON B	6	3002509978	3M 22S 37E SW SW SW			512			26863		70	
BRUNSON B	7	3002509980	3N 22S 37E SE SE SW		858			617477			175	
PADDOCK UNIT	27	3002509984	3I 22S 37E	185475			186473			3587		
BRUNSON C	4	3002509986	3J 22S 37E C NW SE		750			52667			641	
BRUNSON C	5	3002509987	3O 22S 37E	146167			439431			6125		
BRUNSON C	6	3002509988	3I 22S 37E NE NE SE		34087			7286696			11712	
BRUNSON C	7	3002509989	3P 22S 37E NE SE SE	176692	1223		323033	39464		9619	623	
MARK	2	3002509991	3 22S 37E		6059			352988			10257	
BRUNSON	6	3002509993	3L 22S 37E	278734			749555			102331		
PADDOCK UNIT	9	3002509994	3 22S 37E	215165			621561			75304		
MARK	3	3002509995	3G 22S 37E C SW NE	456								
MARK	4	3002509996	3H 22S 37E	152377	3884		157209	2265684		111256	5573	
MARK	8	3002509998	3 22S 37E	108794		6206	49698		351561	7645	8811	
E OWENS	1	3002509999	3D 22S 37E C NW NW		10500			1340153				
OWEN	2	3002510000	3C 22S 37E	156								
OWEN A	1	3002510005	3E 22S 37E SW NW	23644			82308			9778		
H CORRIGAN	4	3002510006	4 22S 37E		17034			2489256			347	
H CORRIGAN	5	3002510010	4G 22S 37E C SW NE	18618			534315			261274		
H CORRIGAN	6	3002510011	4B 22S 37E	24827		2502	383664		19433	176212	833	
H CORRIGAN	7	3002510012	4H 22S 37E		13267			151180			6472	
H CORRIGAN	10	3002510015	4H 22S 37E	31888			325768			233798		
BRUNSON B	1	3002510016	4I 22S 37E		9267			163155	9405		3525	
H CORRIGAN	11	3002510017	4 22S 37E	10274			312589			145708		
E A STICHER	3	3002510025	4N 22S 37E	32368	6851		267459	167906		115534	4801	
R L BRUNSON	1	3002510030	4J 22S 37E		3821			240755				
RINEWALT	1	3002510034	4F 22S 37E SE SE NW	526			75740			52992		
RINEWALT	2	3002510035	4C 22S 37E	18	4838		873	196810		2790		
RINEWALT	3	3002510036	4F 22S 37E			27060			309082		27383	
RINEWALT	4	3002510037	4 22S 37E		14715	13889		2297311	93556		16138	808
TEXACO E A STICHER	1	3002510038	4K 22S 37E	167267			358218			210182		
E A STICHER	2	3002510039	4L 22S 37E NW SW	7674			69087			37602		
E A STICHER	3	3002510040	4K 22S 37E SW NE SW		4487			171175			3361	
E A STICHER	4	3002510041	4L 22S 37E	54541	10049		108554	2160432		466813	4556	
RINEWALT	1	3002510042	4 22S 37E			43524						
RINEWALT B	1	3002510044	4 22S 37E		2489			1499622			14436	
R L BRUNSON	1	3002510045	4P 22S 37E SE SE	20758		26331			2909647		5498	
R L CLIFTON	2	3002510046	4M 22S 37E SE SW SW		2899			82551			7446	
MARK	5	3002510049	3 22S 37E		74244			4641541			11966	
L I BAKER	3	3002510057	5I 22S 37E		150			2638			60	
LEE STEBBINS NCT B	3	3002510061	5 22S 37E E2 NE NE		10556	20334		1649412	63330		2476	33831
LEE STEBBINS NCT B	4	3002510062	5 22S 37E E2 NW NE		4505			61917			8668	
LEE STEBBINS NCT A	3	3002510064	5F 22S 37E		47							
B A CHRISTMAS	1	3002510069	5H 22S 37E SE NE		1847			302762			1731	
GRIZZELL	1	3002510070	5G 22S 37E SW NE		1401			468329			518	
GRIZZELL	2	3002510071	5P 22S 37E	2684								
BRUNSON B	2	3002512573	3K 22S 37E NE SW	222785			263897			7537		
W T MCCOMACK	17	3002523117	32I 21S 37E SW NE SE		6624			593771			3170	
PADDOCK UNIT	26	3002523425	3J 22S 37E	59609			148270			61298		
UNIT	161	3002524415	29F 21S 37E SE NW		894			81735			3952	
MARSHALL COM	5	3002524471	34C 21S 37E	150664	15168		675669	3597787		248192	7474	
DOWNES D	4	3002524568	32M 21S 37E E2 SW SW		9796			78148			31935	
DOWNES B	3	3002524919	5D 22S 37E NE NW NW		5978			48095			2258	
LEE STEBBINS NCT A	4	3002525355	5E 22S 37E N2 SW NW		6210			93709			11577	
MARK	10	3002525785	3H 22S 37E NE SE NE			48546			495052		29349	
F F HARDISON B	10	3002525929	34A 21S 37E			710			21164		130	
MARK	11	3002526051	3 22S 37E NW NE NE		40967				732385		34759	
MARK	12	3002526052	3G 22S 37E		40904				1947515		44741	
W T MCCOMACK	18	3002526447	32B 21S 37E		9153			225621			99065	
BRUNSON C	13	3002526639	3I 22S 37E			23499			1140276		43507	
GRIZZELL	3	3002527185	5O 22S 37E SW SE									
WILLIAM TURNER	4	3002527261	29J 21S 37E			96021			548074		11455	
GRIZZELL	1	3002527462	5P 22S 37E		1339			24275			1075	
CORDELIA HARDY	7	3002528899	29F 21S 37E	120895			456706			304594		
MARSHALL B	10	3002529797	27M 21S 37E SW SW			18024			829994		9728	
LOCKHART A 27	14	3002532169	27A 21S 37E NE NE	114642			552235			171908		
OWEN B	6	3002534321	34K 21S 37E NE SW		1130	17404		436047	246663		7498	34685

Lease Name	Well Number	10DIGITAPI	Location	Cum Oil (BBL)			Cum Gas (MCF)			Cum Water (BBL)		
				Paddock	Tubb	Abo	Paddock	Tubb	Abo	Paddock	Tubb	Abo
W T MCCOMACK	19	3002534669	32P 21S 37E SE SE		2049			922306				5970
HENSON	1	3002535090	5G 22S 37E SE SW NE			41391			65004			1835
PADDOCK UNIT	37	3002535520	3M 22S 37E SW SW SW	20162			62760			38851		
STATE DB	3	3002535522	32E 21S 37E NW SW NW		1865			8174				50872
GRIZZELL	4	3002536782	5O 22S 37E NW SW SE		93		1206			30		
WILLIAM TURNER	8	3002537076	29I 21S 37E SE NE SE	22735			282100			335332		
W H TURNER	3	3002537161	29K 21S 37E NE NE SW		1857			170452				9717
GRIZZELL	5	3002537163	5J 22S 37E NE NW SE		3795			42747				23560
OWEN B	12	3002537239	34M 21S 37E SE SW SW		5378	7963		91471	64552		3045	6625
WILLIAM TURNER	9	3002537695	29I 21S 37E NE NE SE	9349			42084			108645		
WILLIAM TURNER	12	3002537697	29J 21S 37E NE NW SE		33							
WILLIAM TURNER	11	3002537698	29J 21S 37E SW NW SE	14883			67776			456373		
H S TURNER	8	3002537873	29M 21S 37E NW SW SW		13788			194548				155541
H CORRIGAN	18	3002538009	4 22S 37E NE NE NE		1179			24201				4688
W H TURNER	9	3002538126	29L 21S 37E SE NW SW		8637			86283				122466
H CORRIGAN	20	3002538219	4H 22S 37E NE SE NE		282			9126				4865
RINEWALT	8	3002538224	4 22S 37E SE NE NW		1565							9104
H S TURNER	10	3002538296	29N 21S 37E NE SE SW		6644			74695				61198
H CORRIGAN	21	3002538902	4 22S 37E NW NW NE		301			14116				1377
E O CARSON	27	3002539024	33F 21S 37E SW SE NW		3183			215301				53185
LOCKHART A 27	23	3002539114	27C 21S 37E SE NE NW		2457			18550				1250
LOCKHART A 27	26	3002539115	27H 21S 37E NE SE NE		2350			64004				1513
MARSHALL B	14	3002539551	27K 21S 37E		578			38426				787
J G HARE	18	3002539688	33N 21S 37E		1415			39335				1220
TURNER	7	3002539691	29O 21S 37E		651			55536				1598
H CORRIGAN	22	3002539715	4 22S 37E		330	916		4135	20602		588	14790
OWEN B	13	3002539732	34N 21S 37E		51	1083		5569	12829		55	1262
W T MCCOMACK	31	3002539972	32G 21S 37E		1812			7205				7730
W T MCCOMACK	32	3002539973	32O 21S 37E		944			7785				1598
<b>TOTALS</b>				<b>9,933,689</b>	<b>1,215,260</b>	<b>926,484</b>	<b>48,512,422</b>	<b>137,714,860</b>	<b>12,849,771</b>	<b>11,716,475</b>	<b>1,186,091</b>	<b>361,377</b>
<b>AVERAGES</b>				<b>102,409</b>	<b>10,948</b>	<b>22,059</b>	<b>551,278</b>	<b>1,275,138</b>	<b>414,509</b>	<b>134,672</b>	<b>12,754</b>	<b>12,461</b>

Proposed Allocations	Oil	Gas	Water
Paddock	76%	25%	84%
Tubb	8%	57%	8%
Abo	16%	18%	8%
<b>TOTAL</b>	<b>100%</b>	<b>100%</b>	<b>100%</b>



AFE No: PA- 11- 0566

**JG Hare #17**  
API #: 30-025-39285  
990' FSL & 480' FWL  
Section 33, Township 21S, Range 37E  
Lea County, New Mexico

**Completion Procedure – Paddock-Tubb-Abo**

**27 September 2011**

**Recommended Procedure:**

**Note:** 5-1/2", 17#, J-55 & L-80 csg set @ 7200' w/1325 sx cmt. (Circ 11 sx).  
(941' of L-80 csg on top). PBTD @ +/-7156'.

**Abo:**

1. MIRU PU. Install BOP. Pressure test csg.
2. MIRU wireline unit. Run GR/CCL/CBL log from PBTD +/- 7156' to surface. Correlate to Weatherford Photo Density/Compensated Neutron/Spectral Gamma Ray log dated 9/24/11.
3. Perforate the Abo interval @ 6682', 6709', 23', 37', 39', 41', 43', 45', 47', 56', 60', 67', 69', 75', 85', 92', 6801', 11', 23', 25', 31', 42', 45', 47', 57', 59', 64', 81', 85', 6917', 19', 35', 41', 45', 65', 89', 7000', 15', 40', 42', 44', 49', 55', 60' & 69' w/1 spf, 120 degree phasing. Total = 45 shots.
4. RIH w/pkr & 2-7/8" tbg. Set pkr @ +/- 6600'.
5. Acidize Abo interval 6682' – 7069' w/10,000 gals 20% anti-sludge HCL acid and ball sealers. Attempt to get 8-10 BPM rate with max treating pressure of 6,000 psi.
6. Release pkr & run thru perms to knock off balls. Reset pkr @ +/-6600'.
7. Swab back load from Abo interval. Report results to Midland office.
8. Release pkr. POOH.
9. MIRU wireline unit. Set a composite bridge plug above the Abo @ +/- 6600'.

**Tubb:**

1. Perforate the Tubb interval @ 6011', 17', 20', 65', 69', 72', 75', 81', 89', 91', 93', 95', 6109', 15', 17', 19', 25', 30', 32', 34', 36', 38', 42', 47', 49', 51', 57', 59', 61', 63', 69', 71', 73', 75', 77', 81', 83', 85', 6221' & 23' w/2 spf, 120 degree phasing. (Total : 80 shots).
2. RIH w/2-7/8" tbg and pkr. Set pkr @ +/- 5900'.
3. Acidize the Tubb interval w/3,000 gals 15% HCL-NE-FE BXDX acid and ball sealers.
4. Release pkr and run through perms to knock off balls. POOH.
5. RU frac equipment. Pump 1 drum corrosion inhibitor followed by 10 bbl pad of 2% KCL. Pump 2 drums scale inhibitor and flush w/10 bbls 2% KCL.
6. Frac the Tubb interval w/150,000# 20/40 SLC (or equivalent) resin coated sand down 5-1/2" csg @ 40 BPM in 25# XL gel as per frac recommendation.
7. Spot 1,000 gals 15% HCL from 5300' – 4300' during Tubb frac flush.
8. RIH and set a composite bridge plug above the Tubb interval @ +/- 5900'.



**Paddock:**

1. Perforate the Paddock interval @ 5114' – 20', 5132' – 38', 5150' – 60', 5174' – 88', 5204' – 12', 5230' – 36', 5250' – 58', 5266' – 74', 5278' – 86' & 5290' – 96' w/1 spf, 120 degree phasing. (Total : 90 shots).
2. Acidize the Paddock interval w/4,000 gals 15% HCL acid and ball sealers.
3. RIH w/junk basket and run through perms to knock off balls. POOH.
4. Pump 1 drum corrosion inhibitor followed by 10 bbl pad of 2% KCL. Pump 2 drums scale inhibitor and flush w/10 bbls 2% KCL.
5. Frac the Paddock interval w/150,000# 20/40 SLC (or equivalent) resin coated sand down 5-1/2" csg @ 40 BPM in 25# XL gel as per frac recommendation.
6. RIH w/2-7/8" tbg and bit. Drill out plugs. Clean out to +/- 7150' PBTD. POOH.
7. RIH w/2-7/8" production tubing. Land SN @ +/-7100'. RIH w/1-1/2" pump & rods.
8. Install 640 PU.
9. Place well in test.

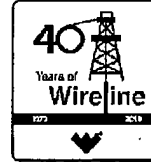
Marked



**Weatherford**<sup>®</sup>

PHOTO DENSITY  
COMPENSATED NEUTRON  
SPECTRAL GAMMA RAY

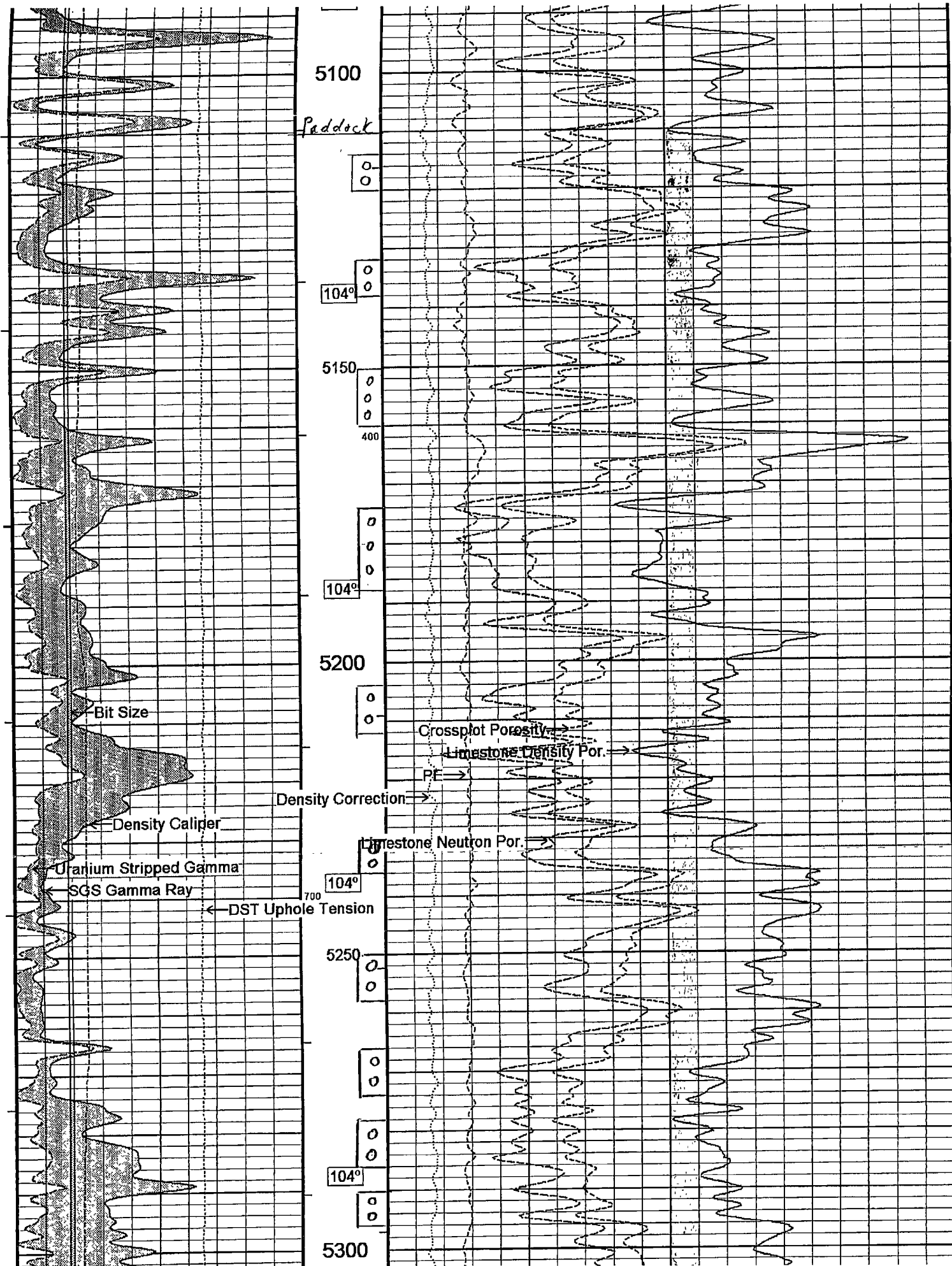
COMPANY APACHE CORPORATION  
WELL JG HARE #17  
FIELD EUNICE AREA  
PROVINCE/COUNTY LEA  
COUNTRY/STATE U.S.A. / NEW MEXICO  
LOCATION 990' FSL & 330' FWL 450'  
SEC. 33, T21S, R37E

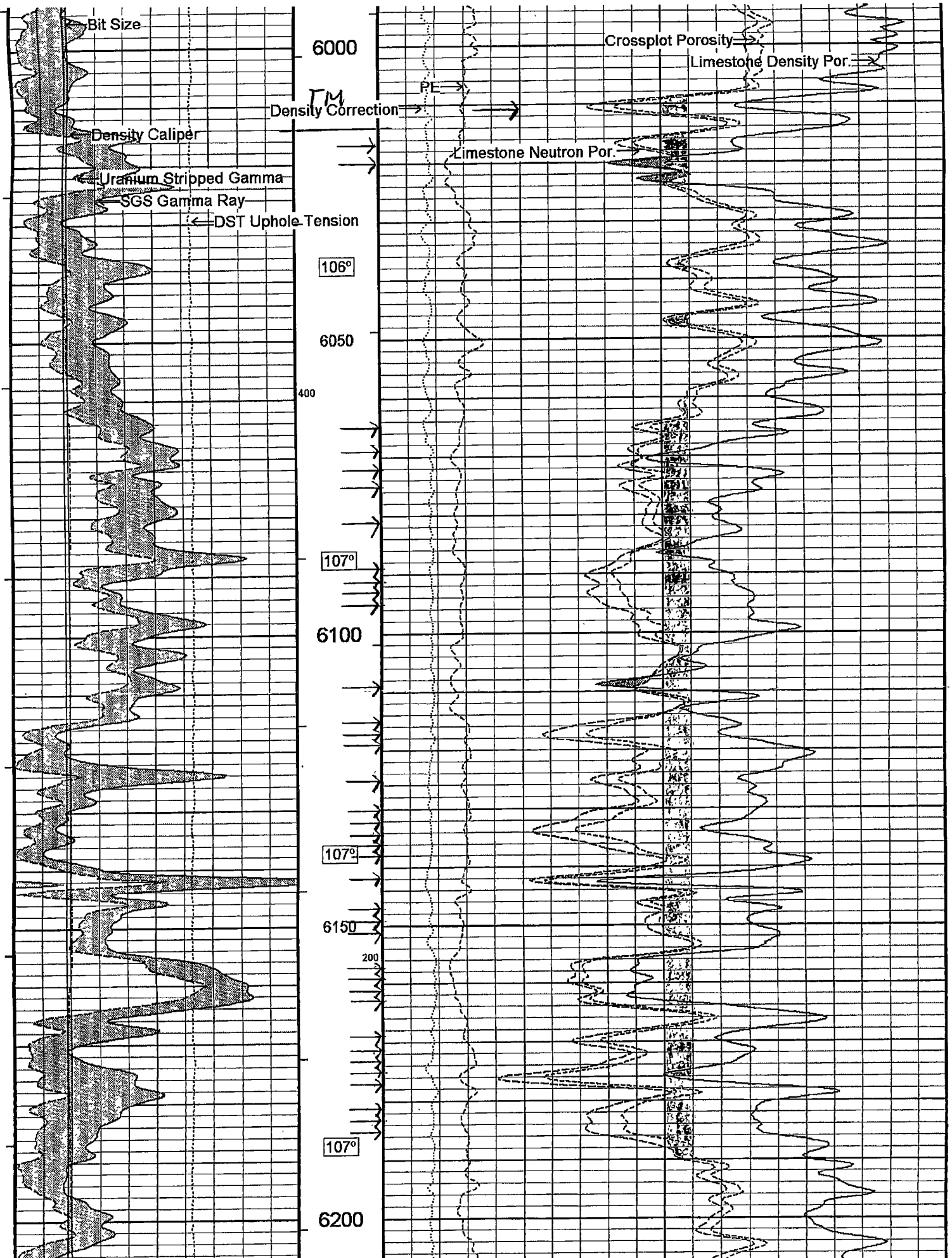


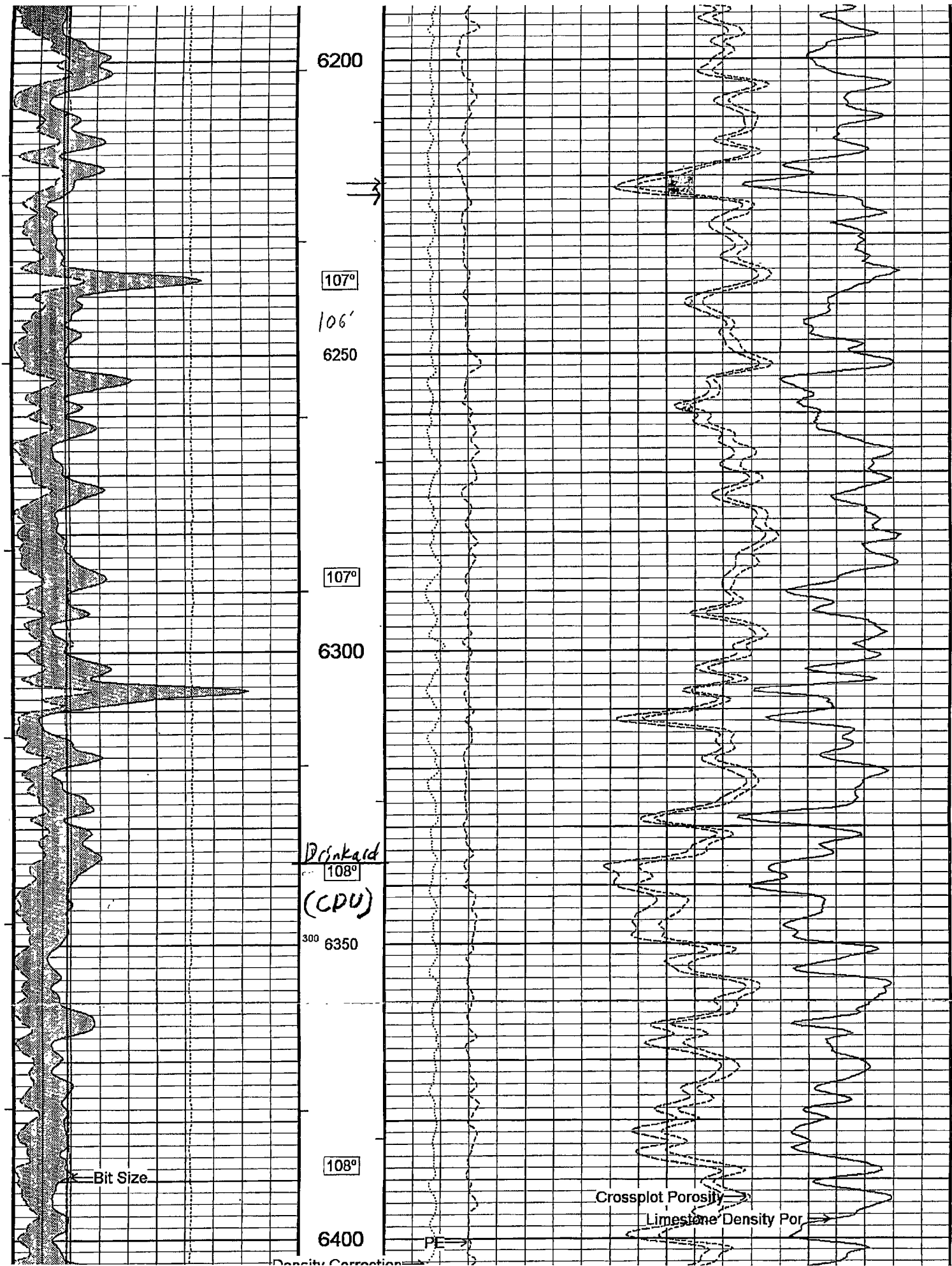
SEC 33	TWP 21S	RGE 37E	Other Services DUAL LATEROLOG COMPENSATED SONIC	MICRO LATEROLOG
API Number 30-025-39285			Permit Number	

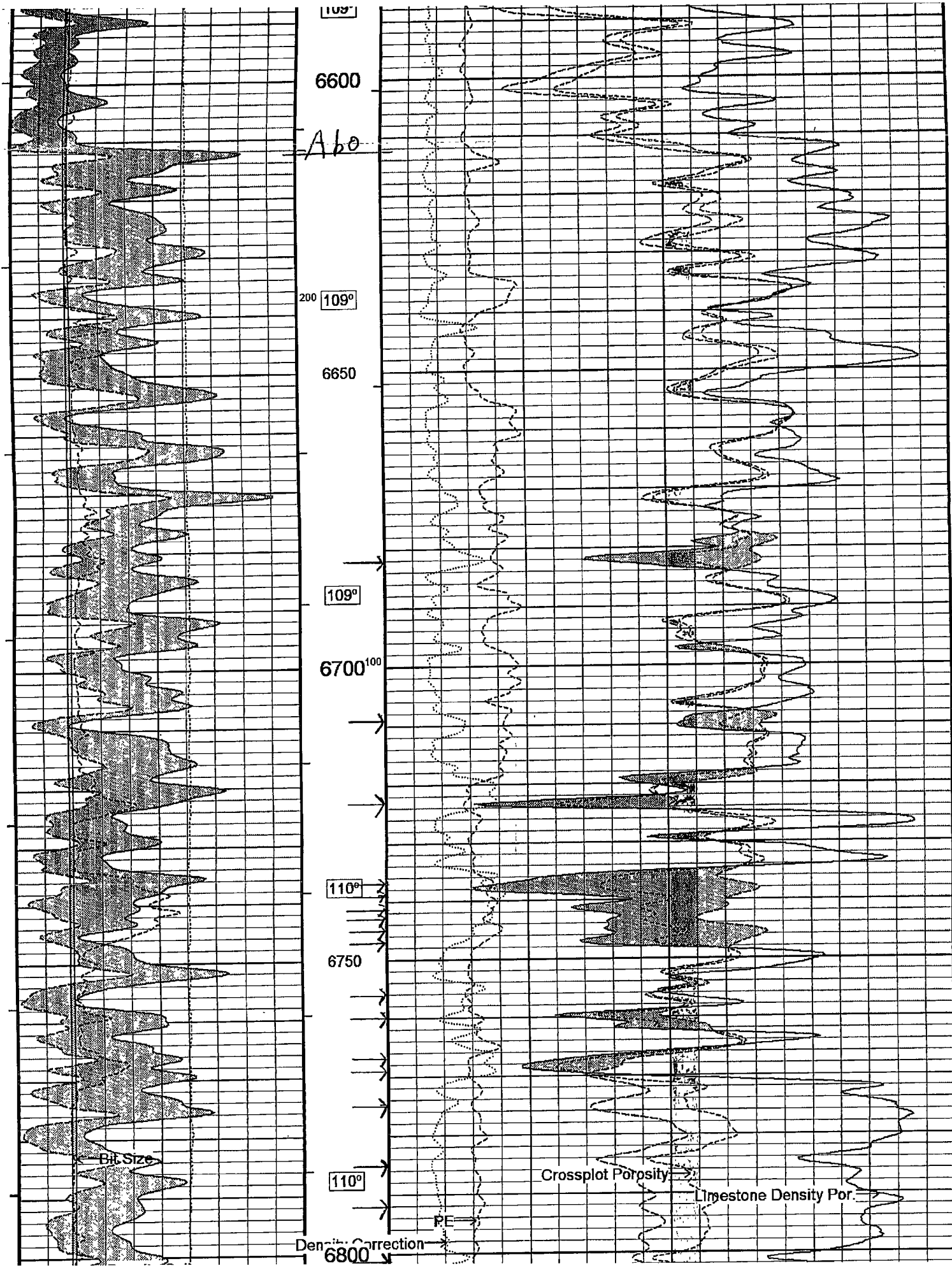
Permanent Datum GROUND LEVEL, Elevation 3458 feet	Elevations:	feet
Log Measured From KB	KB	3469.00
Drilling Measured From K.B.	DF	3468.00
	GL	3858.00

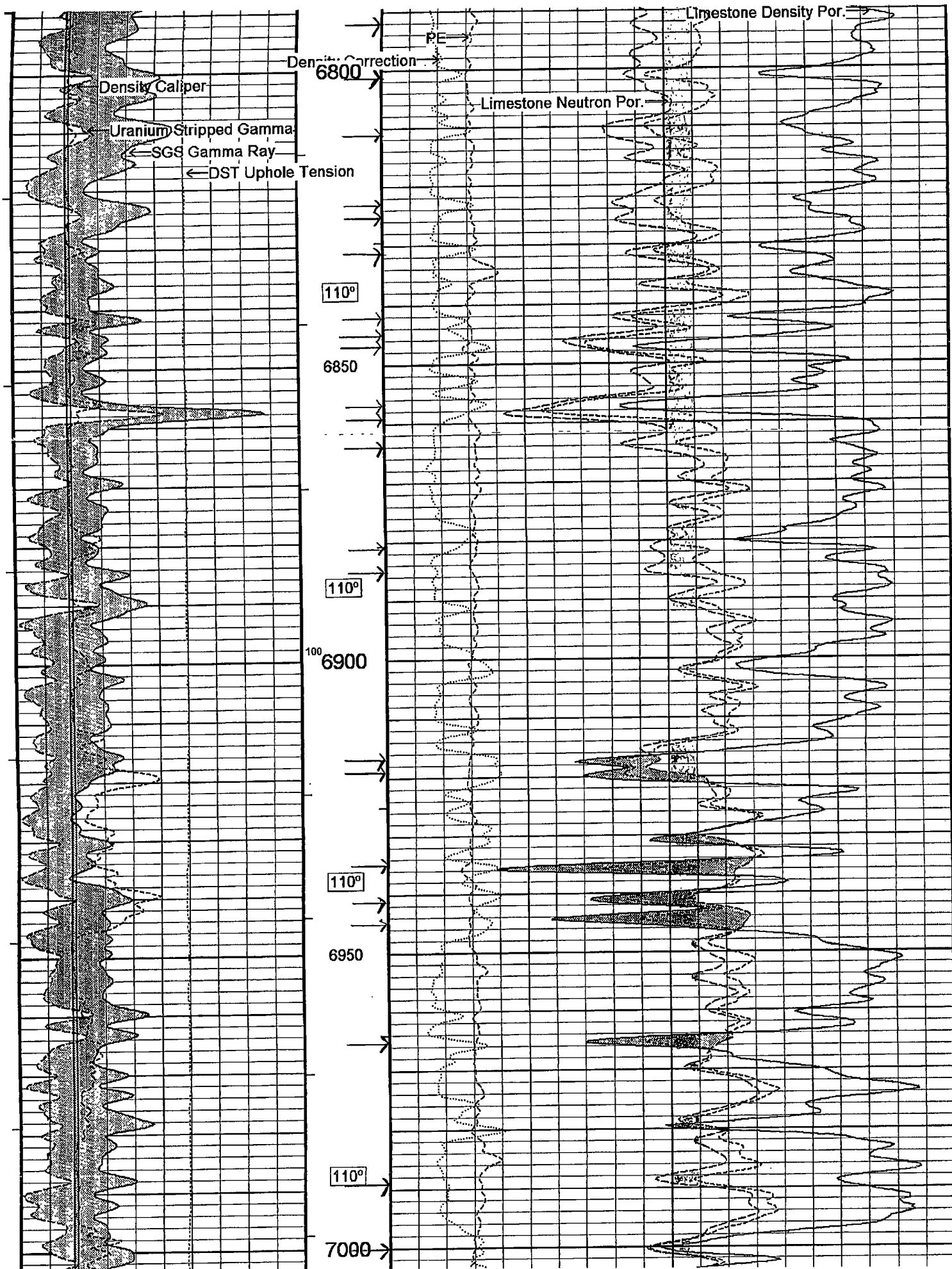
Date	24-SEP-2011	
Run Number	ONE	
Depth Driller	7200.00	feet
Depth Logger	7200.00	feet
First Reading	7155.00	feet
Last Reading	100.00	feet
Casing Driller	1263.00	feet
Casing Logger	1265.00	feet
Bit Size	7.875	inches
Hole Fluid Type	CHEM.	
Density / Viscosity	10.00 lb/USg	29.00 sec/qt
PH / Fluid Loss	10.00	8.00 ml/30Min
Sample Source	FLOWLINE	
Rm @ Measured Temp	0.045 @ 80.0	ohm-m
Rmf @ Measured Temp	0.033 @ 80.0	ohm-m
Rmc @ Measured Temp	0.056 @ 80.0	ohm-m
Source Rmf / Rmc	CALC.	CALC.
Rm @ BHT	0.032 @ 110.0	ohm-m
Time Since Circulation	6 HOURS	
Max Recorded Temp	110.00	deg F
Equipment Name	COMPACT	
Equipment / Base	13239	ODESSA
Recorded By	JOHN WELLS	
Witnessed By	ROBERT JOHNSON VIA E-MAIL	
SO#	3532090	

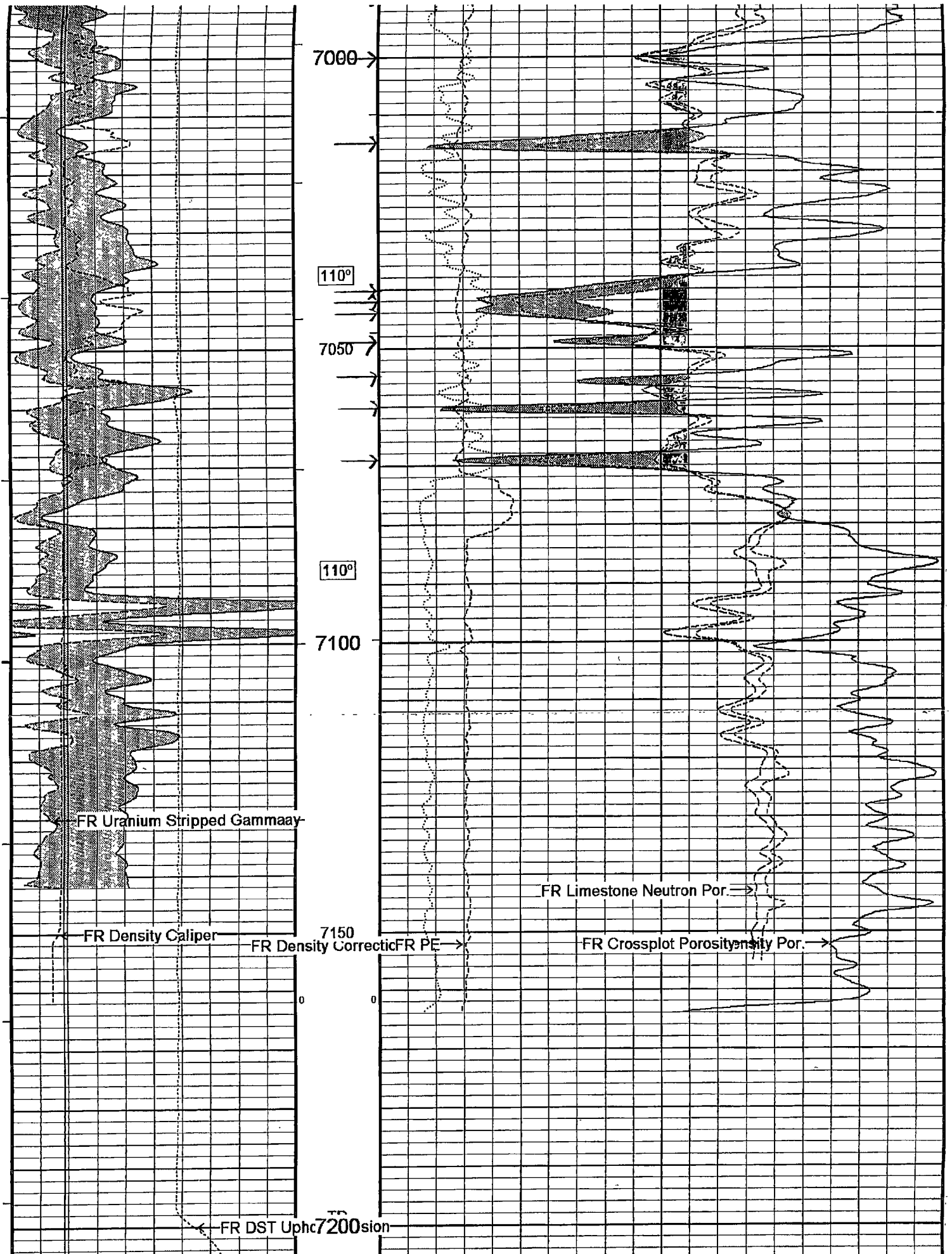




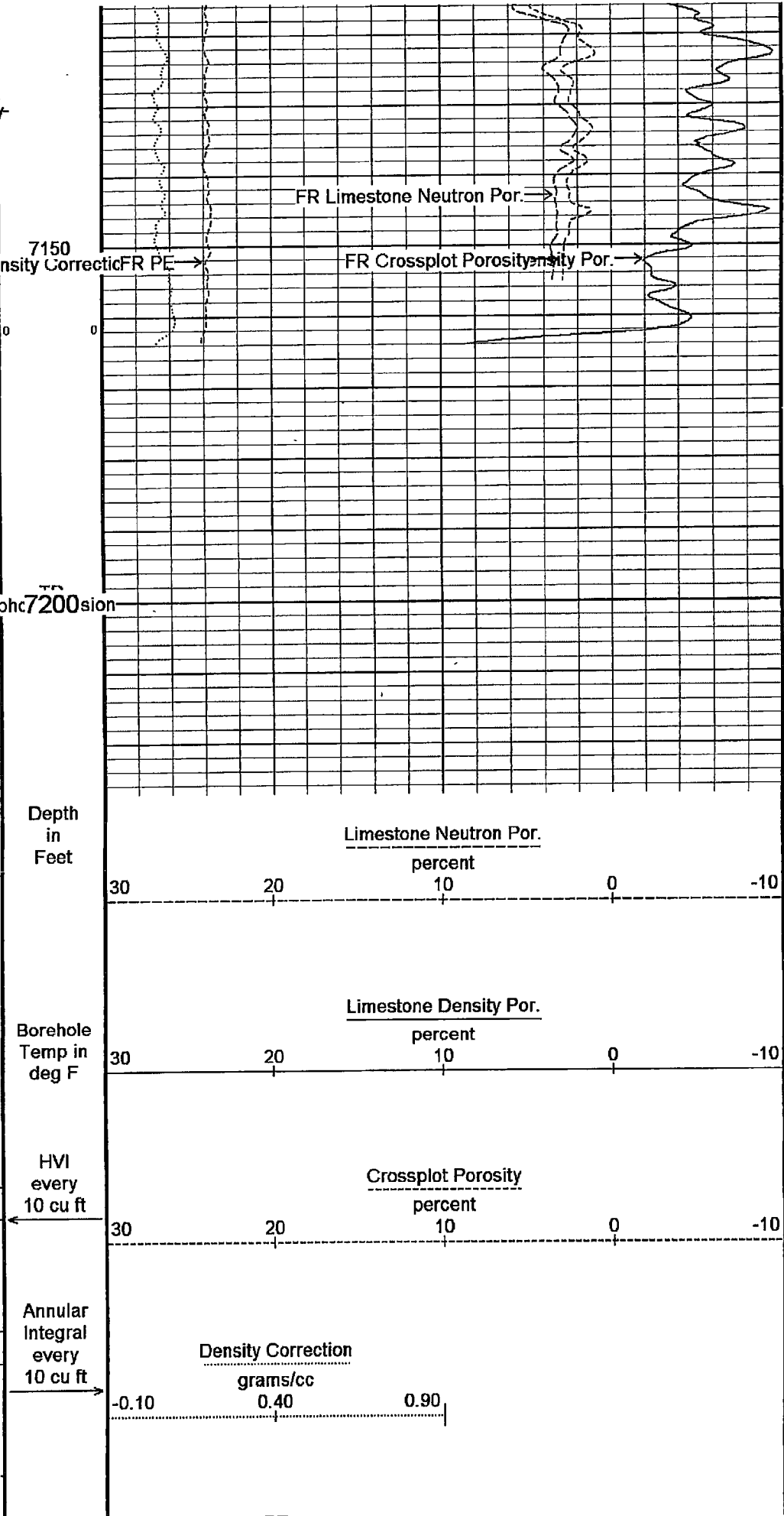
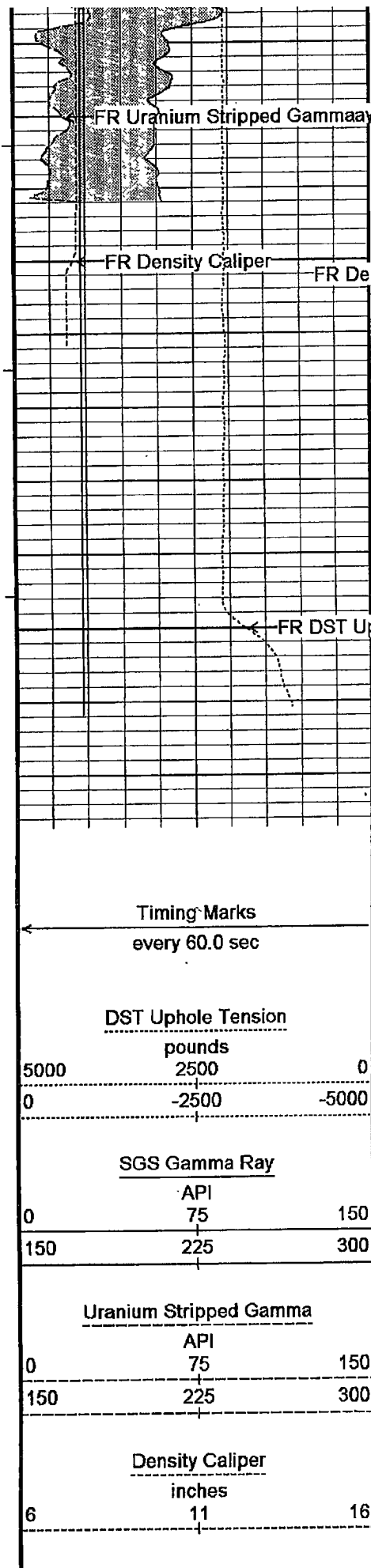












7150

7200

Depth  
in  
Feet

Borehole  
Temp in  
deg F

HVI  
every  
10 cu ft

Annular  
Integral  
every  
10 cu ft

Limestone Neutron Por.

percent

30 20 10 0 -10

Limestone Density Por.

percent

30 20 10 0 -10

Crossplot Porosity

percent

30 20 10 0 -10

Density Correction

grams/cc

-0.10 0.40 0.90

Timing Marks  
every 60.0 sec

DST Uphole Tension

pounds

5000 2500 0  
0 -2500 -5000

SGS Gamma Ray

API

0 75 150  
150 225 300

Uranium Stripped Gamma

API

0 75 150  
150 225 300

Density Caliper

inches

6 11 16