

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau -

ADMINISTRATIVE APPLICATION COVERSHEET

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

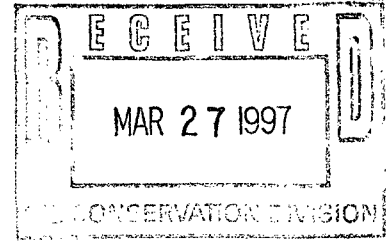
Application Acronyms:

- [NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location] [DD-Directional Drilling] [SD-Simultaneous Dedication] [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling] [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement] [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion] [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase] [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

533

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Directional Drilling [] NSL [] NSP [] DD [] SD



Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement [x] DHC [] CTB [] PLC [] PC [] OLS [] OLM [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery [] WFX [] PMX [] SWD [] IPI [] EOR [] PPR

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or [] Does Not Apply

- [A] [] Working, Royalty or Overriding Royalty Interest Owners [B] [x] Offset Operators, Leaseholders or Surface Owner [C] [] Application is One Which Requires Published Legal Notice [D] [x] Notification and/or Concurrent Approval by BLM or SLO to U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office [E] [] For all of the above, Proof of Notification or Publication is Attached, and/or, [F] [] Waivers are Attached

[3] INFORMATION / DATA SUBMITTED IS COMPLETE - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I further verify that all applicable API Numbers are included. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Richard E. Foppiano Print or Type Name

Richard E. Foppiano Signature

Regulatory Affairs Advisor Title

3/19/97 Date



OXY USA Inc.
P.O. Box 50250, Midland, TX 79710-0250

March 20, 1997

State of New Mexico
Energy & Minerals Department
Oil Conservation Division
2040 South Pacheco
Santa Fe, New Mexico 87505

Attention: Mr. David R. Catanach, Hearing Examiner

**RE: Application of OXY USA Inc. for Downhole Commingling -
T-Bird 30 State #1 - 1980 FSL 1980 FEL Sec 30 T19S R29E -
Parkway Morrow, West - Parkway Atoka, West -
Eddy County, New Mexico**

Dear Sir:

OXY USA Inc. respectfully requests administrative approval for an exception to Rule 303-A to permit the downhole commingling of the Atoka and Morrow zones in the T-Bird 30 State #1.

This well is currently dual completed in the Atoka and Morrow zones. They are isolated by a packer set at 10783'. The proposed downhole commingling will allow the continued production of both zones, which are reaching their economic limits.

Please find attached the information requested by the C-107-A. A copy of this application is being sent by Certified Mail to offset operators.

If you have any questions relating to this application, please contact me @ 915-685-5717. Thank you for considering our application.

Sincerely,

A handwritten signature in cursive script, appearing to read 'David Stewart'.

David Stewart
Regulatory Analyst
Western Region - Midland

Attachment

CC: NMOCD - Artesia Office
R. Foppiano - OXY - Midland

DISTRICT I
P.O. Box 1980, Hobbs, NM 88241-1980

DISTRICT II
811 South First St., Artesia, NM 88210-2835

DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410-1693

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-107-A
New 3-12-96

OIL CONSERVATION DIVISION

2040 S. Pacheco
Santa Fe, New Mexico 87505-6429

APPROVAL PROCESS:
___ Administrative ___ Hearing

EXISTING WELLBORE
 YES ___ NO

APPLICATION FOR DOWNHOLE COMMINGLING

Operator: OXY USA Inc. Address: P.O. Box 50250 Midland, TX 79710-0250

Well No.: 1 Unit Ltr. - Sec - Twp - Rge: J-30-19S-29E County: Eddy

Lease: Spacing Unit Lease Types: (check 1 or more)
Federal ___ State (and/or) Fee ___

OGRID NO. 16696 Property Code 17933 API NO. 30-015-28718

The following facts are submitted in support of downhole commingling:	Upper Zone	Intermediate Zone	Lower Zone
1. Pool Name and Pool Code	Parkway Atoka, West 82560		Parkway Morrow, West 82600
2. Top and Bottom of Pay Section (Perforations)	10420-10663' (10582-10660')		10663-11400' (10863-11134')
3. Type of production (Oil or Gas)	Gas		Gas
4. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
5. Bottomhole Pressure Oil Zones - Artificial Lift: Gas & Oil - Flowing: All Gas Zones: Estimated Current Measured Current Estimated Or Measured Original	a. (Current) 878	a.	a. 735
	b. (Original) 1278	b.	b. 1135
6. Oil Gravity (° API) or Gas BTU Content	1138		1130
7. Producing or Shut-In?	Producing		Producing
Production Marginal? (yes or no)	Yes		Yes
* If Shut-In, give date and oil/gas/water rates of last production Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data * If Producing, give date and oil/gas/water rates of recent test (within 60 days)	Date: Rates:	Date: Rates:	Date: Rates:
	Date: 3/3/97 Rates: 25-MCFD 0-BOPD 0-BWPD	Date: Rates:	Date: 3/3/97 Rates: 230-MCFD 1-BOPD 0-BWPD
8. Fixed Percentage Allocation Formula -% for each zone	Oil: 0 % Gas: 10 %	Oil: % Gas: %	Oil: 100 % Gas: 90 %

9. If allocation formula is based upon something other than current or past production, or is based upon some other method, submit attachments with supporting data and/or explaining method and providing rate projections or other required data.
10. Are all working, overriding, and royalty interests identical in all commingled zones? Yes ___ No
If not, have all working, overriding, and royalty interests been notified by certified mail? Yes ___ No
Have all offset operators been given written notice of the proposed downhole commingling? Yes ___ No
11. Will cross-flow occur? ___ Yes No If yes, are fluids compatible, will the formations not be damaged, will any cross-flowed production be recovered, and will the allocation formula be reliable. ___ Yes ___ No (If No, attach explanation)
12. Are all produced fluids from all commingled zones compatible with each other? Yes ___ No
13. Will the value of production be decreased by commingling? ___ Yes No (If Yes, attach explanation)
14. If this well is on, or communitized with, state or federal lands, either the Commissioner of Public Lands or the United States Bureau of Land Management has been notified in writing of this application. Yes ___ No
15. NMOCD Reference Cases for Rule 303(D) Exceptions: ORDER NO(S) _____
16. ATTACHMENTS:
* C-102 for each zone to be commingled showing its spacing unit and acreage dedication.
* Production curve for each zone for at least one year. (If not available, attach explanation.)
* For zones with no production history, estimated production rates and supporting data.
* Data to support allocation method or formula.
* Notification list of all offset operators.
* Notification list of working, overriding, and royalty interests for uncommon interest cases.
* Any additional statements, data, or documents required to support commingling.

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

SIGNATURE David Stewart TITLE Regulatory Analyst DATE 3/20/97

TYPE OR PRINT NAME David Stewart TELEPHONE NO. (915) 685-5717

DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer 22, Artesia, NM 88210

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1984
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 30-015-28718	Pool Code 82560	Pool Name Parkway Atoka, West
Property Code 017933	Property Name T-Bird 30 State	Well Number 1
OGRID No. 16696	Operator Name OXY USA INC	Elevation 3310'

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	30	19 S	29 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	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 - 39.22 Ac</p> <p>Lot 2 - 39.24 Ac</p> <p>Lot 3 - 39.24 Ac</p> <p>Lot 4 - 39.28 Ac</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><i>David Stewart</i></p> <p>Signature</p> <p>David Stewart</p> <p>Printed Name</p> <p>Regulatory Analyst</p> <p>Title</p> <p>3/20/97</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>November 4, 1995</p> <p>Date Surveyed</p> <p>Signature & Seal of Professional Surveyor</p> <p><i>Gregory L. Jones</i></p> <p>W.O. No. 5394c</p> <p>Certificate No. Gregory L. Jones 7977</p> <p>BASIN SURVEYS</p>

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 88, Artesia, NM 88210

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-28718	Pool Code 82600	Pool Name Parkway Morrow, West
Property Code 17933	Property Name T-Bird 30 State	Well Number 1
OGRID No. 16969	Operator Name OXY USA INC	Elevation 3310'

Surface Location

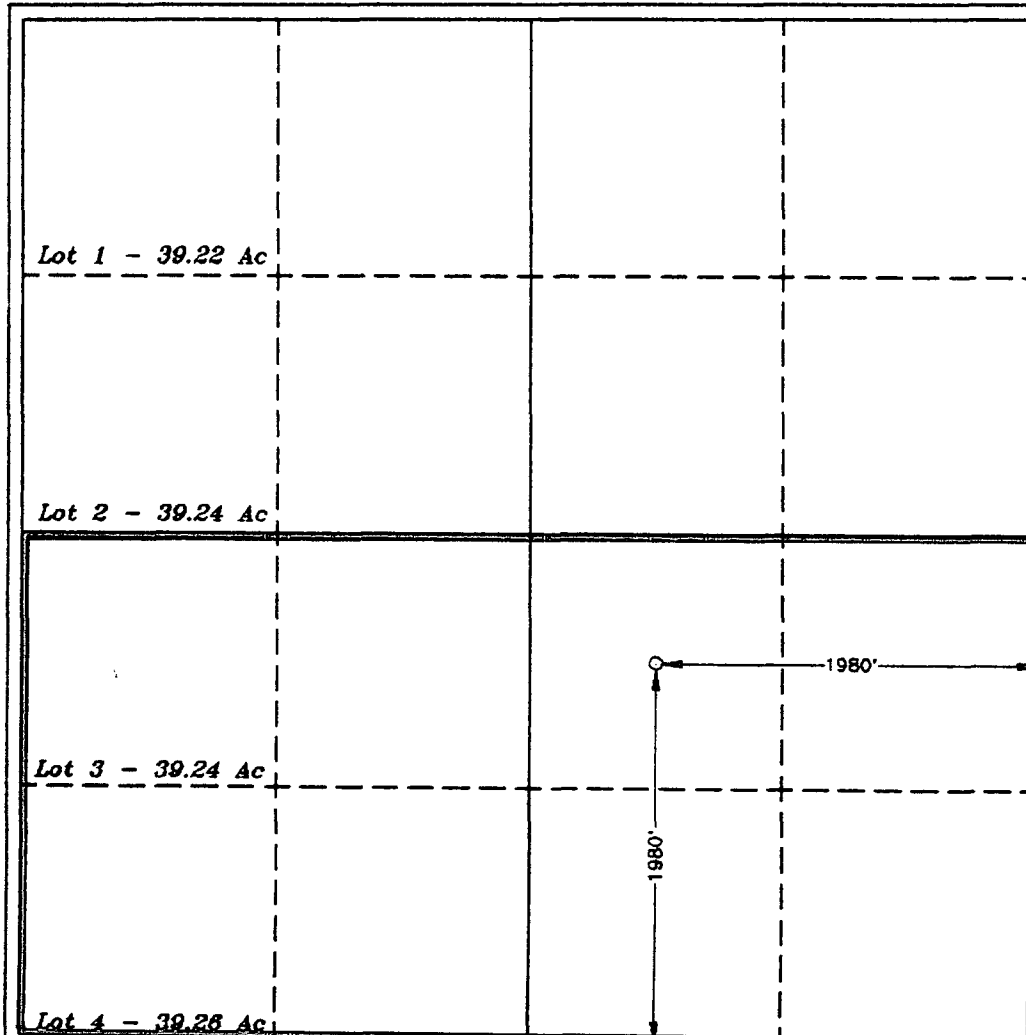
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	30	19 S	29 E		1980	South	1980	East	Eddy

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 320	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.

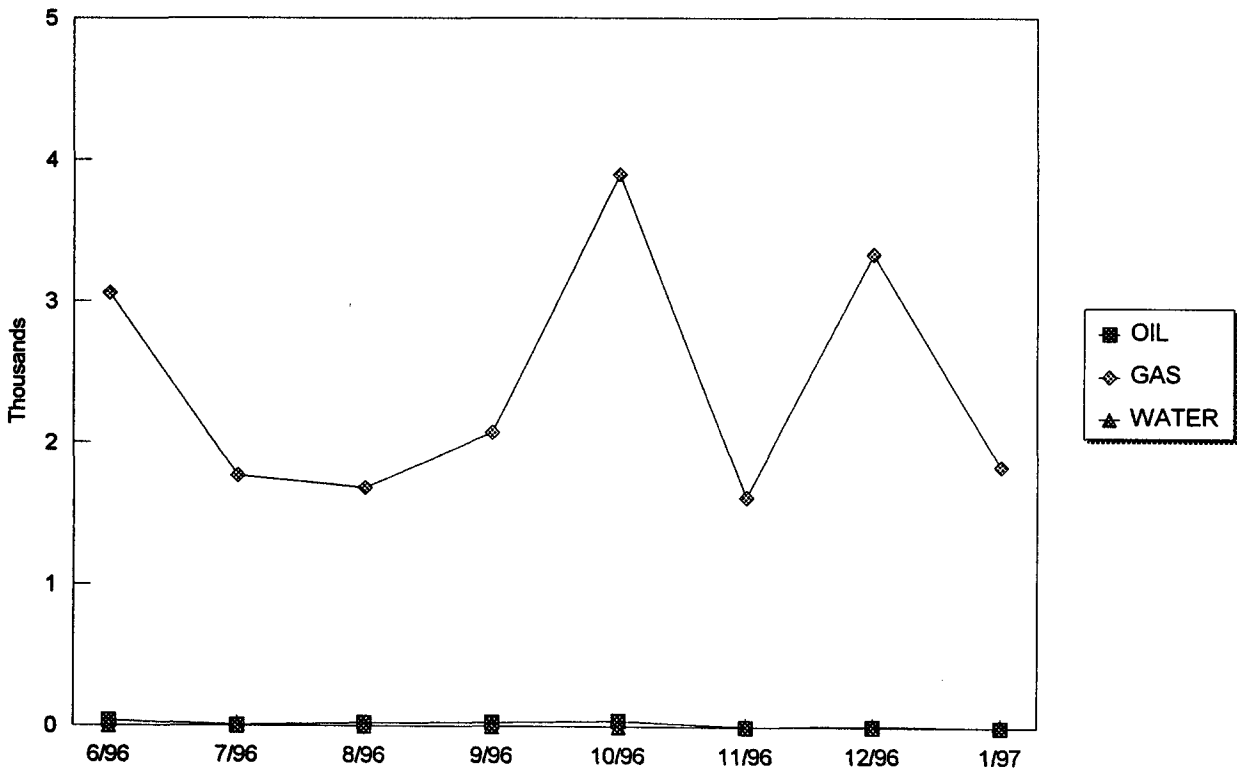
David Stewart
Signature
David Stewart
Printed Name
Regulatory Analyst
Title
3/20/97
Date

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.

November 4, 1995
Date Surveyed
Signature & Seal of Professional Surveyor
Professional Surveyor
No. 5394c
Certificate No. 7977
BASIN SURVEYS

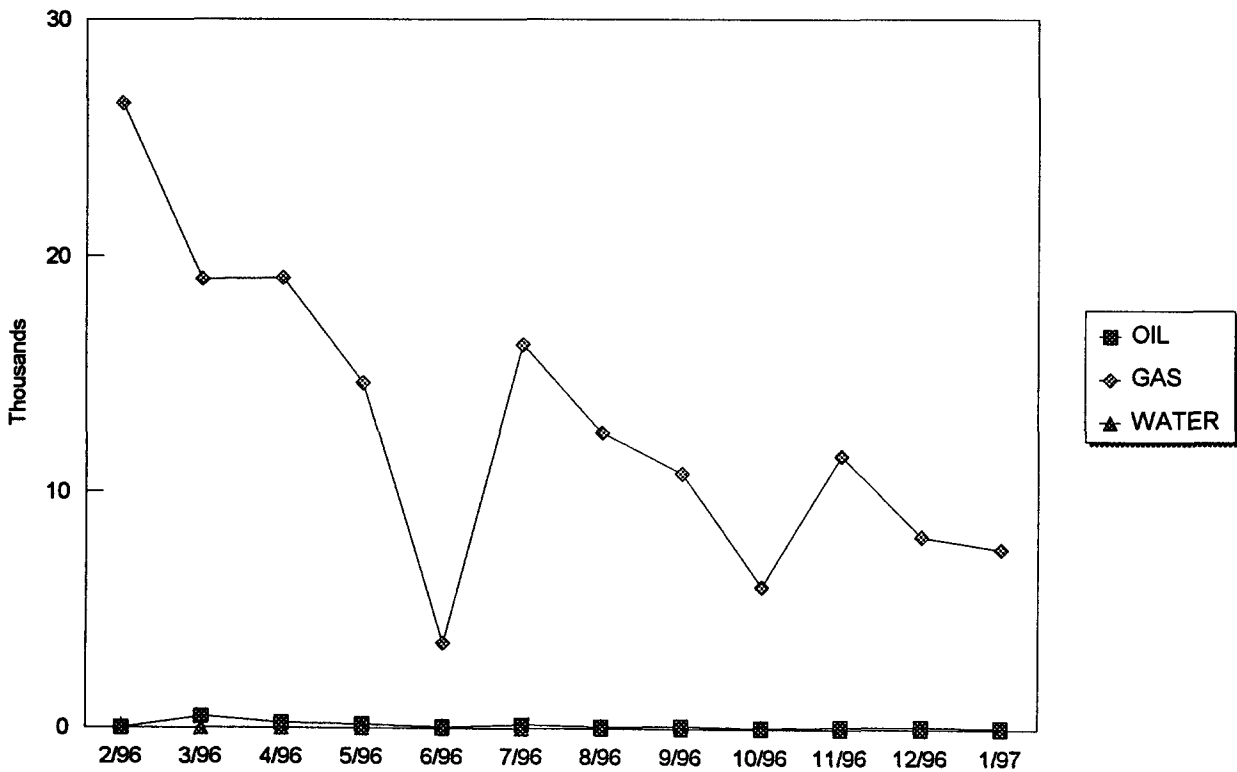
ATTACHMENT C-107-A
T-BIRD 30 STATE #1 - 017933
PARKWAY ATOKA, WEST - 82600

DATE	OIL PROD	GAS PROD	WATER PROD	DAYS PROD
6/96	35	3058	0	13
7/96	5	1760	0	31
8/96	25	1677	0	31
9/96	28	2073	0	30
10/96	40	3893	0	27
11/96	3	1613	0	29
12/96	6	3331	0	31
1/97	3	1829	0	27
TOTAL	145	19234	0	



ATTACHMENT C-107-A
T-BIRD 30 STATE #1 - 017933
PARKWAY MORROW, WEST - 82600

DATE	OIL PROD	GAS PROD	WATER PROD	DAYS PROD
2/96	0	26472	0	15
3/96	480	19024	0	31
4/96	224	19081	0	30
5/96	156	14619	0	29
6/96	50	3633	0	12
7/96	153	16260	0	31
8/96	84	12520	0	31
9/96	122	10783	0	30
10/96	52	6016	0	25
11/96	110	11538	0	30
12/96	105	8129	0	31
1/97	84	7590	0	29
TOTAL	1620	155665	0	324



**ATTACHMENT C-107-A
OXY USA INC.
T-BIRD 30 STATE #2
SEC 30 T19S R29E
EDDY COUNTY, NM
OFFSET OPERATORS**

**R.C. BENNETT COMPANY
P.O. BOX 264
MIDLAND, TX 79702**

**FRANK BOYCE
#4 FOREST DR.
ROSWELL, NM 88201**

**MARATHON OIL CO.
P.O. BOX 552
MIDLAND, TX 79702**

**MEWBOURNE OIL CO.
P.O. BOX 5270
HOBBS, NM 88241**

**STRATA PRODUCTION COMPANY
200 W. 1st
ROSWELL, NM 88201**

**UMC PETROLEUM CORP.
1201 LOUISIANA, STE. 1400
HOUSTON, TX 77002**

Submit 3 Copies
to Appropriate
District Office

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-103
Revised 1-1-89

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

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL API NO.	30-015-28718
5. Indicate Type of Lease	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VA-0543-1
7. Lease Name or Unit Agreement Name	T-Bird 30 State 017933
8. Well No.	1
9. Pool name or Wildcat	Parkway Atoka, West
10. Elevation (Show whether DF, RKB, RT, GR, etc.)	3310'

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>	RECEIVED JUL 26 1996 OIL CON. DIV.
2. Name of Operator OXY USA Inc.	
3. Address of Operator P.O. Box 50250 Midland, TX 79701	
4. Well Location Unit Letter <u>J</u> : <u>1980</u> Feet From The <u>South</u> <u>DIST. 2</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>30</u> Township <u>19S</u> Range <u>29E</u> NMPM <u>Eddy</u> County	

11. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data	
NOTICE OF INTENTION TO:	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
OTHER: <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
	CASING TEST AND CEMENT JOB <input type="checkbox"/>
	OTHER: <u>Pert Atoka & Dual Complete w/ Morrow</u> <input checked="" type="checkbox"/>

12. 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.
TD - 11400' PBT1) - 11340' Perts - 10582-10660' - Atoka
10863 - 11134' - Morrow

See other side

I hereby certify that the information above is true and complete to the best of my knowledge and belief.
SIGNATURE David Stewart TITLE Regulatory Analyst DATE 7/25/96
TYPE OR PRINT NAME David Stewart TELEPHONE NO. 915685571

(This space for State Use)
APPROVED BY ORIGINAL SIGNED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE JUL 29 1996
CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT C-103
 OXY USA INC.
 T-BIRD STATE 30 #1
 SEC 30 T19S R29E
 EDDY COUNTY, NM

MIRU WL 5/30/96, RIH & SET BLK PLG IN PROF NIP @ 10972'. MIRU PU 5/30/96, NDWH, NUBOP, REL ON/OFF TOOL, PU TO 10660', SPOT 10% ACETIC ACID FROM 10660-10500', CIRC HOLE, POOH. PERF W/ 4SPF @ 10582-585, 10656-10660' TOTAL 28 HOLES. WELL STARTED FLOWING, POOH, RDWL. RIH W/ ON/OFF TOOL, PROF NIP, SLIDING SLEEVE & 2-3/8" TBG, LATCH ONTO PKR @ 10783'. SWAB 106BW IN 6hrs W/ GOOD SHOW OF GAS. SITP-750#, SICP-850#, FLOW WELL FOR 12 HRS ON OPEN CHOKE FOR 7-BO, 1-BW & 261-MCFD, RDP, 6/5/96. ACIDIZE PERFS 10582-10660' W/ 1000gal 7.5% HCL NeFe ACID + 300gal METHANOL + 1000SCF/BBL N2, MAXP-7800#, ISIP-7800#. OPEN WELL TO PIT ON 8/64 CHK, FTP-4700#, FLOW BACK N2 & 0-BLW FOR 3-1/2hrs & WELL DIED. RU SWAB SITP-0#, SICP-1600#, SWAB 120-BLW IN 32 RUNS. SWAB 100-BLW AND WELL STARTED TO FLOW, PUT ATOKA ON LINE 6/9/96 AND TEST AS FOLLOWS:

<u>HRS</u>	<u>FTP</u>	<u>GAS</u>	<u>CHOKE</u>	<u>OIL</u>	<u>WATER</u>
16	450	105	15/64	0	0
24	450	93	OPEN	0	0
24	450	166	OPEN	7	3
24	300	83	OPEN	0	0
24	400	105	28/64	0	0
24	400	91	28/64	0	2
24	400	163	28/64	7	1

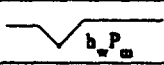
SI 6/15/96 FOR BHP & POTENTIAL TEST.

NMOC D POTENTIAL TEST 6/18/96					
24	400	151	20/64	3	1
CAOF - 161MCFD					

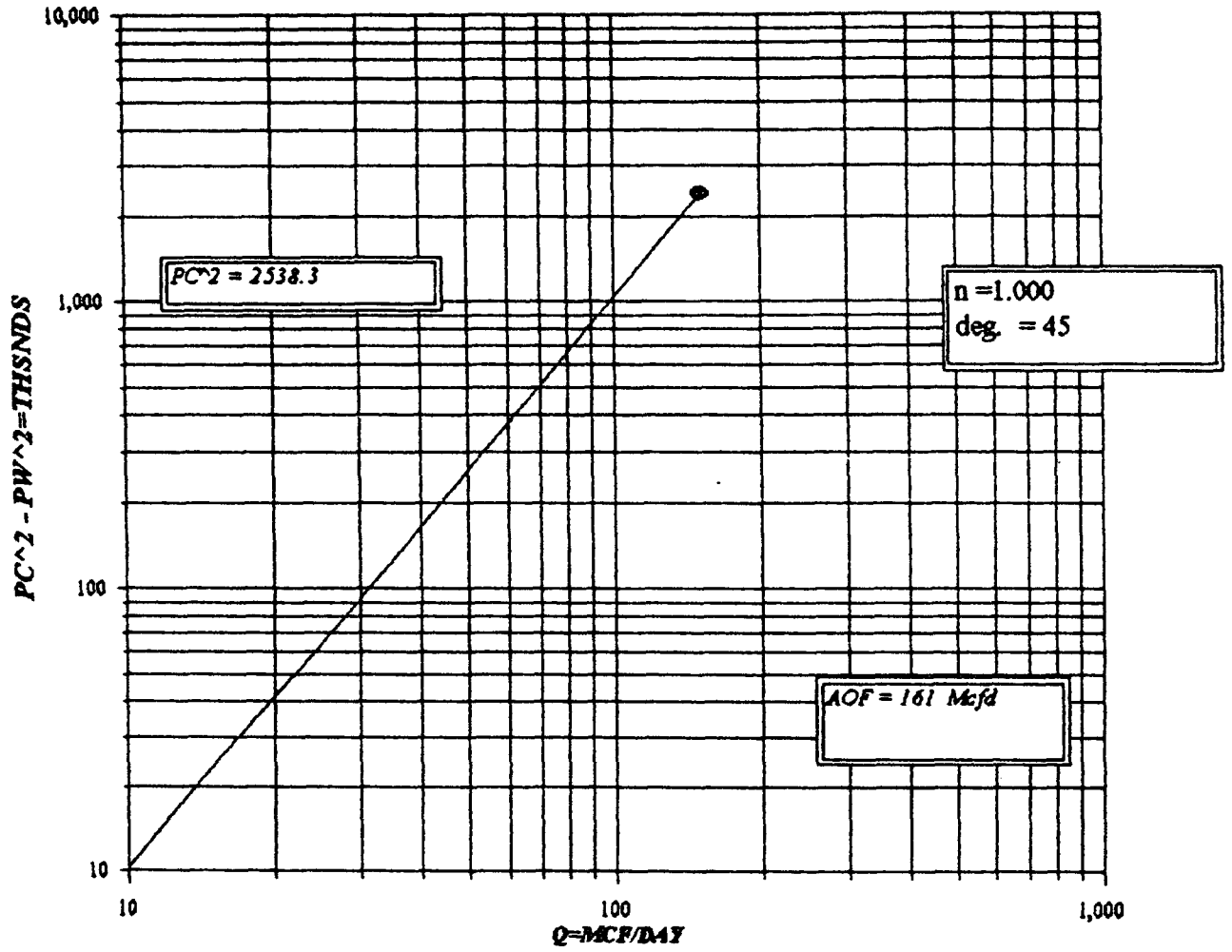
OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY U.S.A.						Lease or Unit Name T BIRD STATE 30					
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date 6/18/96			Well No. 1		
Completion Date		Total Depth 11,405		Plug Back TD 11,362		Elevation			Unit Lr. - Sec. - TWP - Rge. 30-19S-29E		
Csg. Size 5 1/2	Wl. 17#	d 4.892	Set At 11,405	Perforations: From: 10,582 To: 10,660			Country EDDY				
Tbg. Size 2-3/8	Wl. 4.7	d 1.995	Set At 10,783	Perforations: From: To:			Pool				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple single				Packer Set At 10,783			Formation				
Producing Thru TBG.		Reservoir Temp. °F 60		Mean Annual Temp. °F 60		Baro. Press - P _s 13.2			Connection SALES		
L 10783	H 10783	G _g .654	% CO ₂ .36	% N ₂ 1.10	% H ₂ S -0-	Prover -0-	Meter Run 4.026	Taps FLG.			
FLOW DATA						TUBING DATA			CASING DATA		
NO.	Prover Line Size X	Orifice Size 1.000	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow	
SI	4.026 X 1.000									72 hrs.	
1.											
2.			READINGS FROM TOTAL FLOW METER								24 hrs.
3.											
4.											
5.											
RATE OF FLOW CALCULATIONS											
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg.	Super Compress. Factor, Fpv.	Rate of Flow Q, Mcfd				
1.							151.9				
2.											
3.											
4.											
5.											
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl.						
1.					A.P. I Gravity of Liquid Hydrocarbons N/A Deg.						
2.					Specific Gravity Separator Gas			XXXXXXXXXX			
3.					Specific Gravity Flowing Fluid N/A			XXXXXX			
4.					Critical Pressure 673 P.S.I.A.			P.S.I.A.			
5.					Critical Temperature 371 R			R			
P _c 1593.2		P _w 2538.3									
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.059$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.059$						
1.	140	375.3	140.9	2397.4							
2.											
3.											
4.											
5.					AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 161$						
Absolute Open Flow 161				Mcf/d @ 15.025		Angle of Slope θ 45°		Slope, n 1.059			
Remarks:											
Approved By Division			Conducted By:			Calculated By: MB			Checked By: BM		

OXY U.S.A.
T-BIRD STATE 30 #1.



Submit to Appropriate District Office
State Leases - 6 copies
Fee Leases - 5 copies
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

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

WELL AP NO. 30-015-28718

5. Indicate Type of Lease
STATE PER

6. State Oil & Gas Lease No. VA-0545-1

7. Lease Name or Unit Agreement Name
T-Bird State 30
017933

8. Well No. 1

9. Pool name or Wellfield
Parkway Morrow, West 082600

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 DEEP REPER OTHER _____

2. Name of Operator
OXY USA Inc. 16696

3. Address of Operator
P.O. Box 50250 Midland, TX 79710-0250

4. Well Location
Unit Letter J : 1980 Feet From The South Line and 1980 Feet From The East Line

Section 30 Township 19S Range 29E NMPM Eddy County

10. Date Spudded 12/13/95
11. Date T.D. Reached 1/18/96
12. Date Compl. (Ready to Prod.) 2/3/96
13. Elevations (DFA RKB, RT, GR, etc.) 3310'
14. Elev. Casingshed _____

15. Total Depth 11400'
16. Plug Back T.D. 11340'
17. If Multiple Compl. How Many Zones? _____
18. Intervals Drilled By Rotary Tools Cable Tools
X _____

19. Producing interval(s), of this completion - Top, Bottom, Name
10863-11134' Morrow
20. Was Directional Survey Made No

21. Type Electric and Other Logs Run Platform Express GR/CDT/CNL/HALS
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"	48#	394'	17-1/2"	420sx - Circulated	
8 5/8"	24-32#	3026'	11"	1300sx - Circulated	
5 1/2"	17-20#	11400'	7 7/8"	1450sx - CBL TOC 3900	

24. LINER RECORD				25. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	10783'	10783'

26. Perforation record (interval, size, and number)
2SPF @ 10863-69, 10910-14, 11069-72, 11129-134'
Total 72 holes.

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.
DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED
10863-11134' 1500gal 50% HCl + Methanol + 35 gal CO2

28. PRODUCTION

Date First Production 2/3/96
Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing
Well Status (Prod. or Shut-in) Prod

Date of Test 3/1/96	Hours Tested 24	Choke Size 25/64	Prod'n For Test Period	Oil - Bbl. 8	Gas - MCF 909	Water - Bbl. 0	Gas - Oil Ratio 113625
Flow Tubing Press. 450	Casing Pressure ---	Calculated 24-Hour Rate	Oil - Bbl. 8	Gas - MCF 909	Water - Bbl. 0	Oil Gravity - API - (Corr.)	

29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold
Test Witnessed By J. Gibson

30. List Attachments
C-103 C-104 Logs Deviation Svy

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 [Signature] Printed Name David Stewart Title Reg. Analyst Date 3/11/96

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

T. Anhy _____	T. Canyon _____ 9932
T. Salt _____	T. Strawn _____ 10170
B. Salt _____	T. Atoka _____ 10420
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____ 1370	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Delaware Sand _____ 3058
T. Drinkard _____	T. Bone Springs _____ 4584
T. Abo _____	T. _____
T. Wolfcamp _____ 9089	T. _____
T. Penn _____	T. _____
T. Cisco (Bough C) _____	T. _____

Northwestern New Mexico

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs _____	T. Penn. "D" _____
T. Cliff House _____	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos _____	T. McCracken _____
T. Gallup _____	T. Ignacio Otzte _____
Base Greenhorn _____	T. Granite _____
T. Dakota _____	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, fromto.....
 No. 2, fromto.....
 No. 3, fromto.....
 No. 4, fromto.....

IMPORTANT WATER SANDS

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

No. 1, fromto.....feet.....
 No. 2, fromto.....feet.....
 No. 3, fromto.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness in Feet	Lithology	From	To	Thickness in Feet	Lithology
0	394	394	surface rock				
394	3026	2632	anhydrite	9795	10390	595	shale/lime
3026	3261	235	dolomite	10390	10700	310	sand/shale/lime
3261	4061	800	dolomite/sand	10700	11400	700	lime/shale/chert/sand
4061	4682	621	sand/shale				
4682	6050	1368	sand/shale/dolomite				
6050	6272	222	lime				
6272	6377	105	lime/sand				
6377	6734	357	lime				
6734	6959	225	sand/shale				
6959	7111	152	shale/lime				
7111	7305	194	sand/lime				
7305	7580	275	lime/shale				
7580	7762	182	lime/shale/sand				
7762	8371	610	lime/shale				
8371	8700	328	sand				
8700	9112	412	sand/lime/shale				
9112	9485	373	shale/lime				
9485	9795	310	shale				

Op

DISTRICT I
P.O. Box 1990, Hobbs, NM 88240

OIL CONSERVATION DIVISION
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

DISTRICT II
P.O. Drawer DD, Azusa, NM 88210

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

WELL API NO.	30- 015-28718
5. Indicate Type of Lease.	STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>
6. State Oil & Gas Lease No.	VA-0545-1

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 <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER	7. Lease Name or Unit Agreement Name: T-Bird State 30 017933
2. Name of Operator OXY USA Inc. 16696	8. Well No. 1
3. Address of Operator P.O. Box 50250 Midland, TX 79710-0250	9. Pool name or Wellhead Parkway Morrow, West 082600
4. Well Location Unit Letter <u>J</u> : <u>1980</u> Feet From The <u>South</u> Line and <u>1980</u> Feet From The <u>East</u> Line Section <u>30</u> Township <u>19S</u> Range <u>29E</u> NMPM Eddy County	

10. Elevation (Show whether DF, RKB, RT, GR, etc.) 3310'

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>		CASING TEST AND CEMENT JOB <input type="checkbox"/>	
OTHER: _____ <input type="checkbox"/>		OTHER: <u>Completion</u> <input checked="" type="checkbox"/>	

12. 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.

SEE OTHER SIDE

RECEIVED

MAR 14 1996

OIL CON. DIV.
DIST. 2

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

SIGNATURE David Stewart TITLE Regulatory Analyst DATE 3/11/96
 TYPE OR PRINT NAME David Stewart TELEPHONE NO. 9156855717

(This space for State Use)
 APPROVED BY ORIGINAL SIGNED BY TIM W. GUM TITLE DISTRICT II SUPERVISOR DATE MAY 10 1996
 CONDITIONS OF APPROVAL, IF ANY:

ATTACHMENT C-103
 OXY USA INC.
 T-BIRD STATE 30 #1
 SEC 30 T198 R29E
 EDDY COUNTY, NM

MIRU WL 1/24/96, RIH W/ GR/CBL/CCL, TAG @ 11136', TOC @ 3900'.
 MIRU PU 1/25/96, RIH DRILL OUT CMT TO 11340', TEST CSG TO 1000#,
 HELD OK. SPOT 200gal 10% ACETIC ACIF FROM 10863-11133', CIRC
 HOLE. RIH W/ OTIS PERMA-LATCH PKR, ON/OFF TOOL, W/ 1.87 PROF NIP
 & 2-3/8" TBG, SET PKR @ 10783', NUWH & TREE. PERF W/ 2SPF @
 10863-69, 10910-14, 11069-72, 11129-11134' TOTAL 72 HOLES.
 ACIDIZE W/ 1500gal 50% HCL & 50% METHANOL FOAMED 35 QUAL CO2
 ACID, MAXP-6900#, ISIP-3400#. OPEN WELL TO PIT W/ FTP-1100# ON
 12/64 CHK TO CLEAN UP WELL, AVG EST 1.68MMCFD, 6hrs INTO FLOWBACK
 HAD FLARE BURNING. PUT WELL ON LINE 2/3/96 @ 1300hrs AND TEST AS
 FOLLOWS:


<u>HRS</u>	<u>FTP</u>	<u>GAS</u>	<u>CHOKE</u>	<u>OIL</u>	<u>WATER</u>
18	1420	1400	10/64	10	2
24	1370	1306	10/64	17	2
24	1251	1251	10/64	28	2
24	1175	1231	10/64	17	3
24	1600	1069	12/64	16	8
24	1390	1025	12/64	8	2
24	1000	1153	15/64	30	7
24	1000	1125	15/64	13	8
24	1000	1096	15/64	6	3
24	950	1074	16/64	14	2
24	900	1068	16/64	12	1
24	875	1055	16/64	12	0
24	600	1038	18/64	6	3
24	600	1025	18/64	7	2
24	500	1052	24/64	17	2
24	400	989	24/64	4	0
24	400	966	24/64	8	2
24	500	752	24/64	9	0
24	400	1009	25/64	6	0
24	425	1049	25/64	12	0
24	425	979	25/64	10	0
24	425	954	25/64	6	0
24	450	936	25/64	11	0
	NMOCD POTENTIAL TEST 3/1/96				
24	450	909	25/64	8	0

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

OIL CONSERVATION DIVISION

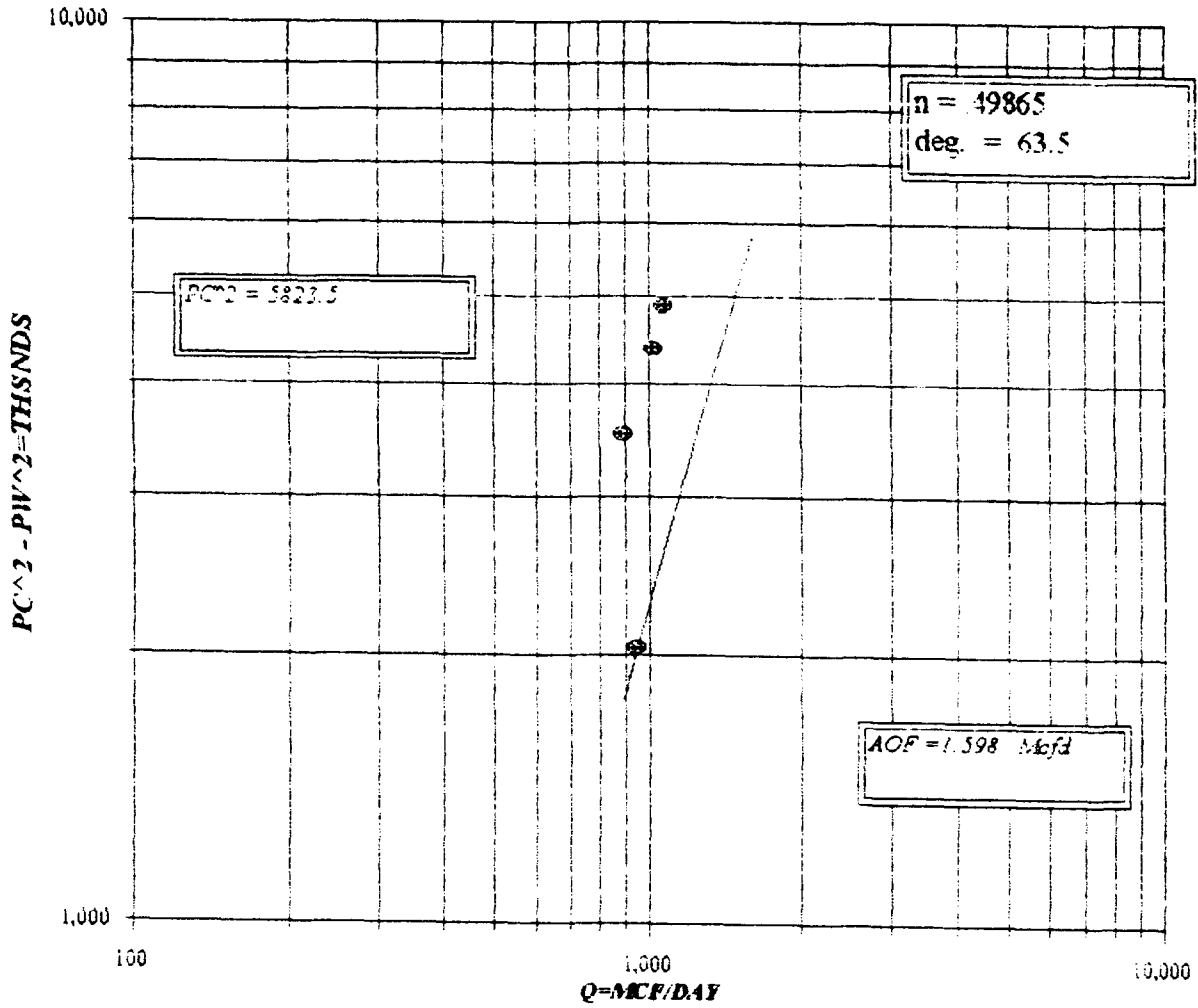
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Operator OXY USA Inc.				16696				Lease or Unit Name T-BIRD STATE 30				017933					
Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special				Test Date 3-16-96				Well No.									
Completion Date 2-1-96				Total Depth 11,405				Plug Back TD 11,362				Elevation					
Csg. Size 5 1/2		Wt. 17#		d 4.892		Set At 11,405		Perforations: From: 10,863 To: 11,133				County EDDY					
Tbg. Size 2 3/8		Wt. 4.7		d 1.995		Set At 10,783		Perforations: From: To:				Pool 082600 Parkway Morrow, West					
Type Well - Single - Bradenhead - G.G. or H.O. Multiple single								Packer Set At 10,783				Formation MORROW					
Producing Thru TBG		Reservoir Temp. °F 181.8		Mean Annual Temp. °F 60		Baro. Press - P _a 13.2		Connection SALES									
L 10783		II 10782		G _g .649		% CO ₂ .52		% N ₂ .83		% H ₂ S		Prover -0-		Meter Run 4.026		Taps 82g.	
FLOW DATA								TUBING DATA				CASING DATA					
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	Duration of Flow				
SI							2400										
1.	4.026 X 1.000			345.8	60	45	1925	70	pk.				1 hr				
2.	4.026 X 1.000			346.8	55	77	1500	70	"				1 hr				
3.	4.026 X 1.000			350.8	84	73	1180	71	"				1 hr				
4.	4.026 X 1.000			353.8	80	88	940	72	"				1 hr				
5.																	
RATE OF FLOW CALCULATIONS																	
NO.	COEFFICIENT (24 HOUR)		Pressure P _m	Flow Temp. Factor Ft	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd										
1.							947										
2.	READING FROM ELECTRONIC TOTAL FLOW						887										
3.							1026										
4.							1071										
5.																	
NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio N/A Mcf/bbl		A.P. L Gravity of Liquid Hydrocarbons N/A Deg.										
1.	.533	505	1.353	.922	N/A		N/A										
2.	.534	537	1.439	.937	Specific Gravity Separator Gas .649		XXXXXXXXXX										
3.	.540	533	1.428	.933	Specific Gravity Flowing Fluid N/A		XXXXXX										
4.	.545	548	1.469	.939	Critical Pressure 673 P.S.I.A.		P.S.I.A.										
5.					Critical Temperature 373 R		R										
P _c 2413.2		P _c 5823.5															
NO.	P _i ²	P _w	P _w ²	P _c ² - P _w ²	1) $\frac{P_c^2}{P_c^2 - P_w^2} = \frac{2.856}{\quad}$		(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \frac{1.688}{\quad}$										
1.	3756.6	1945.4	3784.5	2039.1													
2.	2289.8	1521.4	2314.7	3508.8													
3.	1423.7	1207.6	1458.3	4365.2													
4.	908.6	973.4	947.6	4875.9													
5.																	
Absolute Open Flow 1.598 Mcfd @ 15.025					Angle of Slope θ 63.5			Slope, n .499									
Remarks:																	
Approved By Division			Conducted By: PRO WELL TESTER			Calculated By: MB			Checked By: BM								

MAY 17 1996

OXY U.S.A.
T-BIRD STATE 30 #1



COMPANY: OXY USA, Inc.

WELL: T-Bird State 30 #1

FIELD: Parkway Morrow

COUNTY: Eddy STATE: New Mexico

COUNTY: Eddy
 Field: Parkway Morrow
 Location: 1980' FSL and 1980' FEL
 Well: T-Bird State 30 #1
 Company: OXY USA, Inc.

TOPS
Schlumberger

Platform Express -
Density / Neutron

1980' FSL and 1980' FEL	Elev.: K.B. 3328 F G.L. 3310 F D.F. 3327 F
Permanent Datum:	Ground Level
Log Measured From:	Kelly Bushing
Drilling Measured From:	Kelly Bushing
Elev.: 3310 F	18.0 F above Perm. Datum
API Serial No. 30-015-28718	SECTION 30
Logging Date 19-January-1996	TOWNSHIP 19S
	RANGE 29E

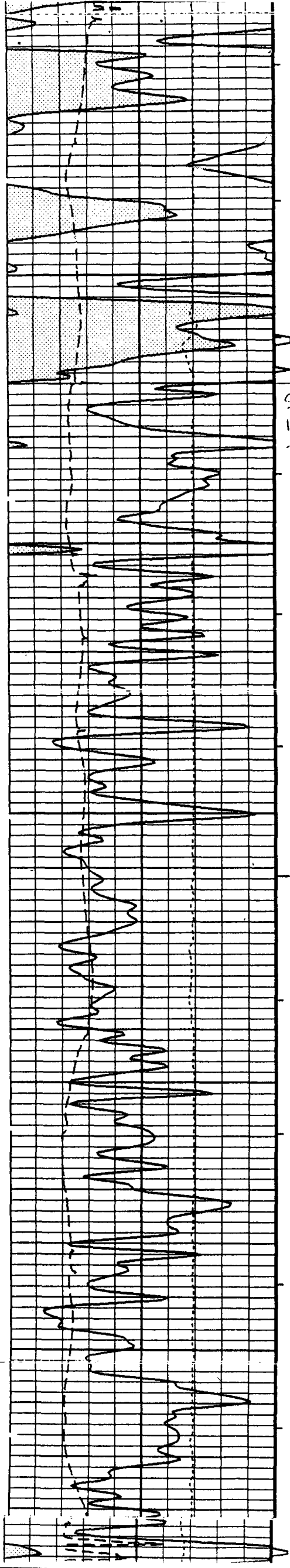
Logging Date	19-January-1996
Run Number	One
Depth Driller	11400 F
Schlumberger Depth	11389 F
Bottom Log Interval	11389 F
Top Log Interval	200 F
Casing Driller Size @ Depth	8.625 IN @ 3026 F
Casing Schlumberger	3026 F
Bit Size	7.875 IN
Type Fluid In Hole	XCD-Pac / RelaxTech Mud
Density	9.8 LB/G 42 S
Fluid Loss	5.6 CC 9
Source Of Sample	Circulation Tank
RM @ Measured Temperature	0.063 OHMM @ 70 DEGF
RMF @ Measured Temperature	0.063 OHMM @ 70 DEGF
RMC @ Measured Temperature	@ @ @
Source RMF	Measured
RM @ MRT	0.031 @ 150 0.031 @ 150
Maximum Recorded Temperatures	150 DEGF
Circulation Stopped	19-January-1996 0700
Logger On Bottom	19-January-1996 1515
Number	3005
Recorded By	DeFlubels/Spencer
Witnessed By	Bob Doty

	Run 1	Run 2	Run 3	Run 4
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				
Fluid Loss				
Source Of Sample				
RM @ Measured Temperature				
RMF @ Measured Temperature				
RMC @ Measured Temperature				
Source RMF				
RM @ MRT				
Maximum Recorded Temperatures				
Circulation Stopped				
Logger On Bottom				
Unit Number				
Recorded By				
Witnessed By				

ALL INTERPRETATIONS ARE OPINIONS BASED ON INFERENCES FROM ELECTRICAL OR OTHER MEASUREMENTS AND WE CANNOT, AND DO NOT GUARANTEE THE ACCURACY OR CORRECTNESS OF ANY INTERPRETATIONS, AND WE SHALL NOT, EXCEPT IN THE CASE OF GROSS OR WILLFUL NEGLIGENCE ON OUR PART, BE LIABLE OR RESPONSIBLE FOR ANY LOSS, COSTS, DAMAGES OR EXPENSES INCURRED OR SUSTAINED BY ANYONE RESULTING FROM ANY INTERPRETATION MADE BY ANY OF OUR OFFICERS, AGENTS OR EMPLOYEES. THESE INTERPRETATIONS ARE ALSO SUBJECT TO CLAUSE 4 OF OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

OTHER SERVICES 1
 OS1: PE
 OS2:
 OS3:
 OS4:
 OS5:

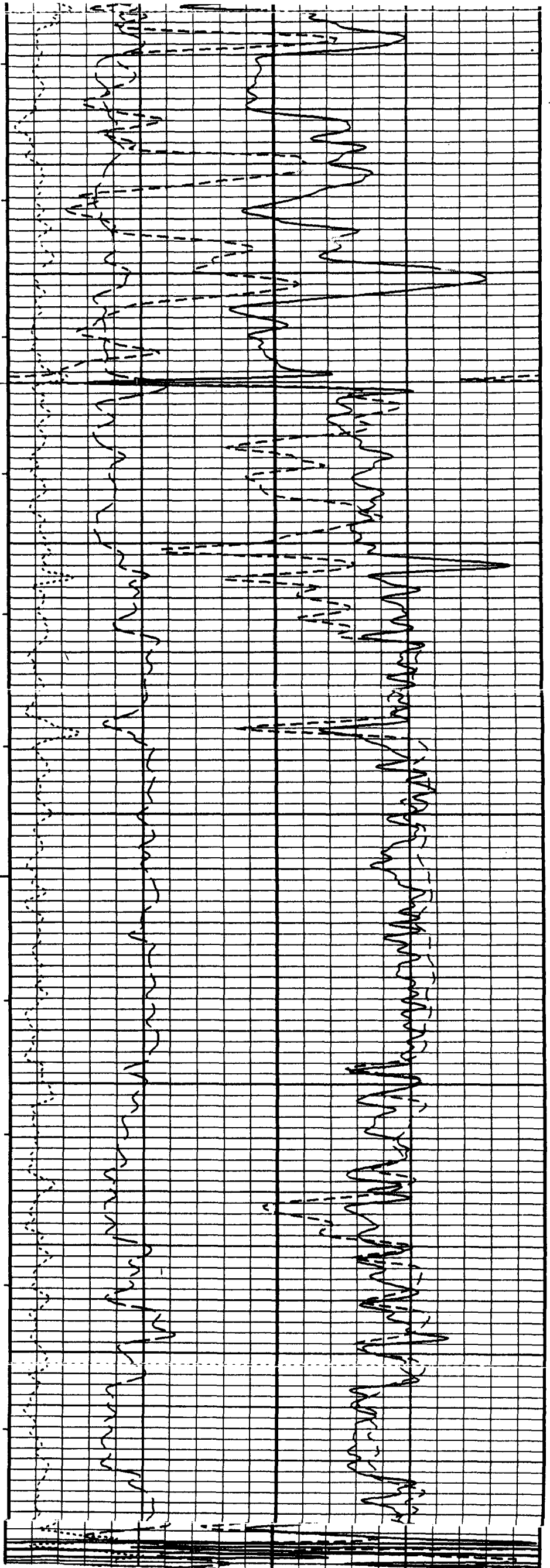
OTHER SERVICES 2
 OS1:
 OS2:
 OS3:
 OS4:
 OS5:

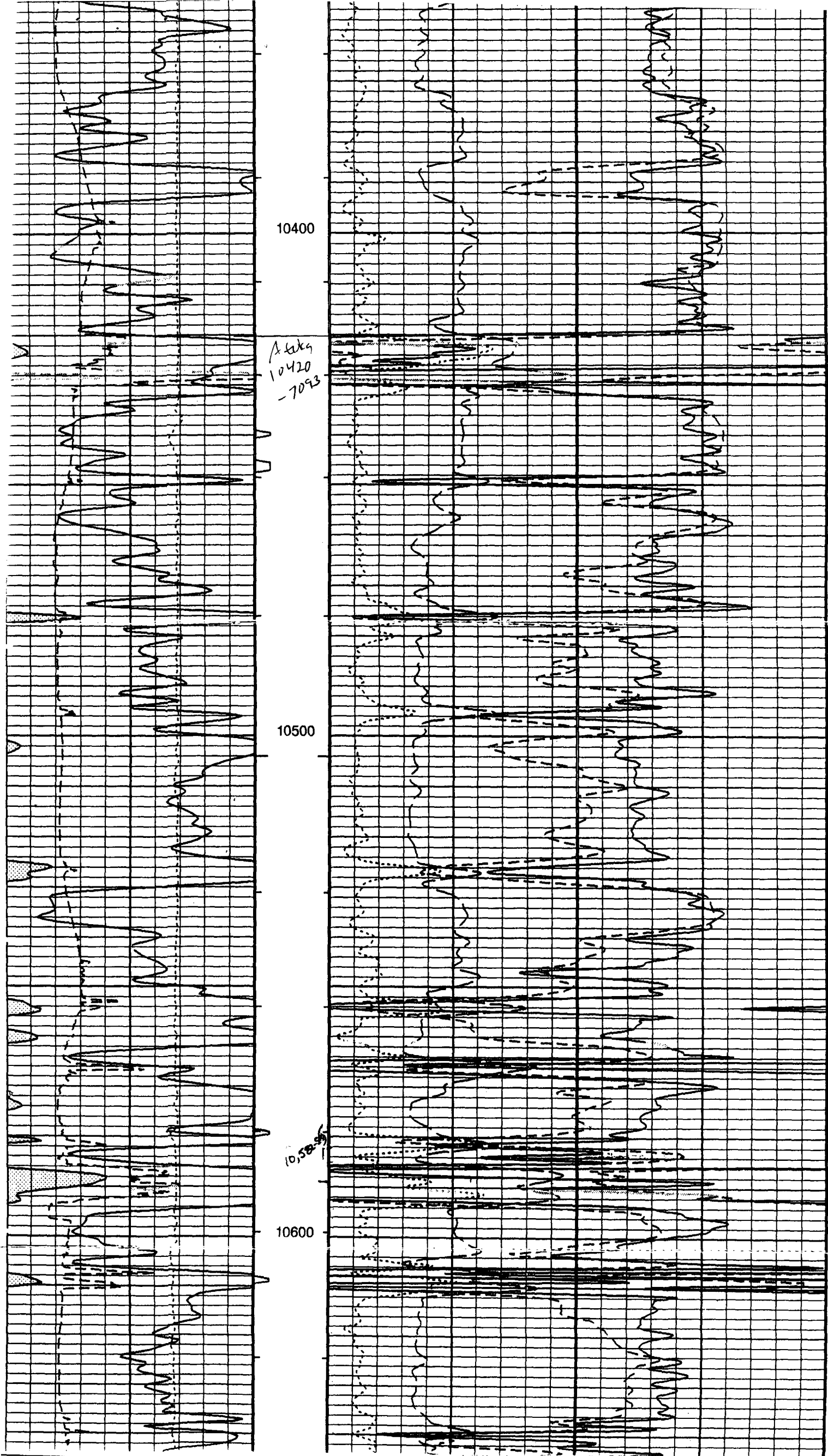


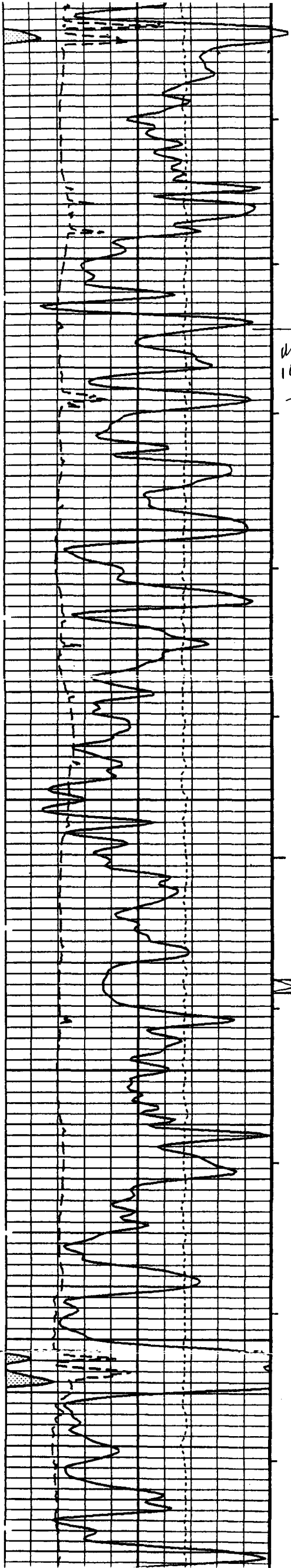
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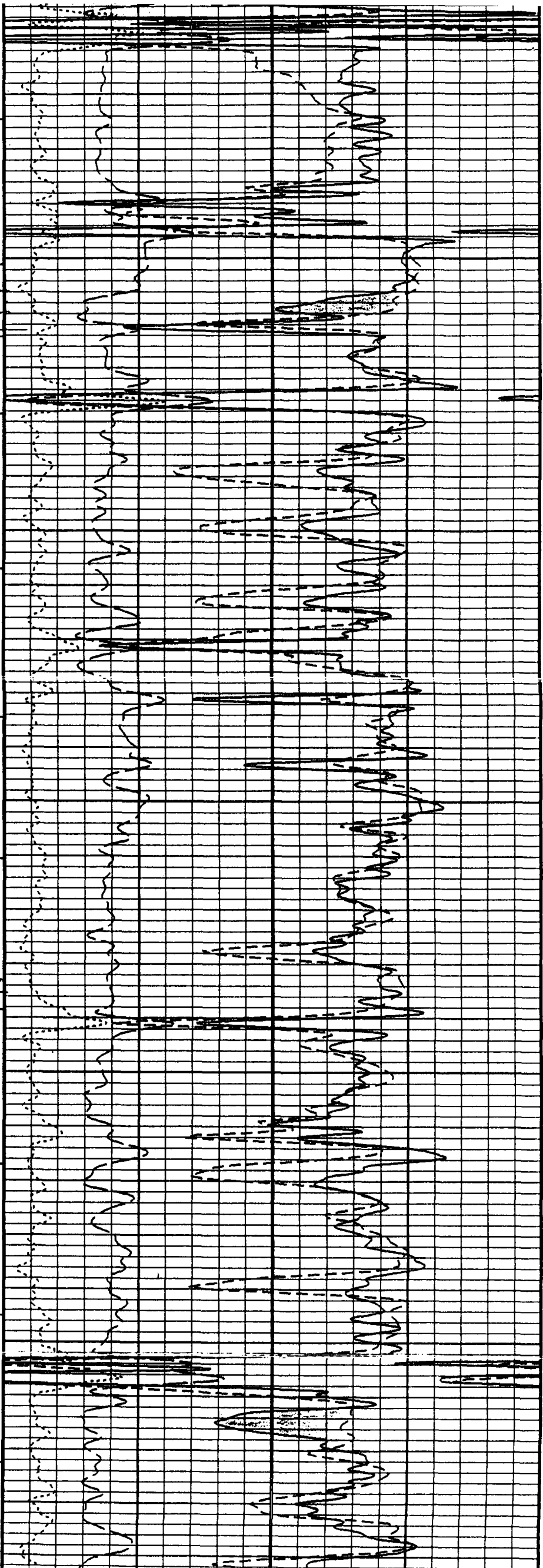


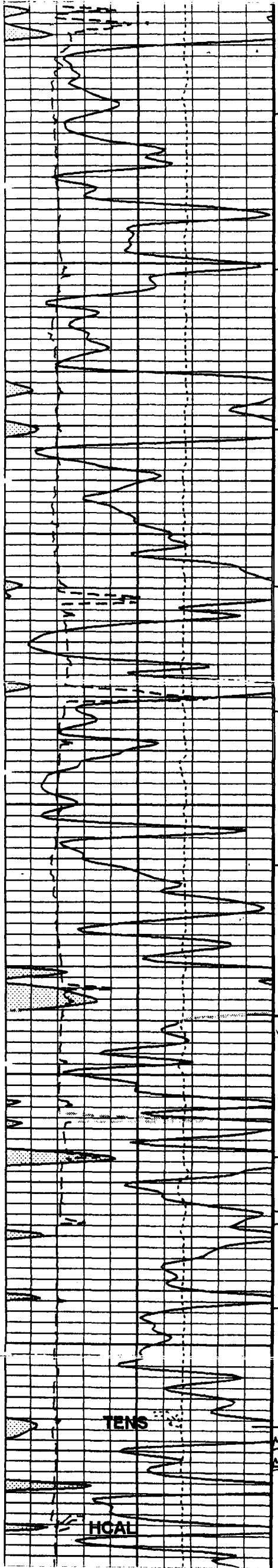
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Milli
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10700

10800





10900

11000

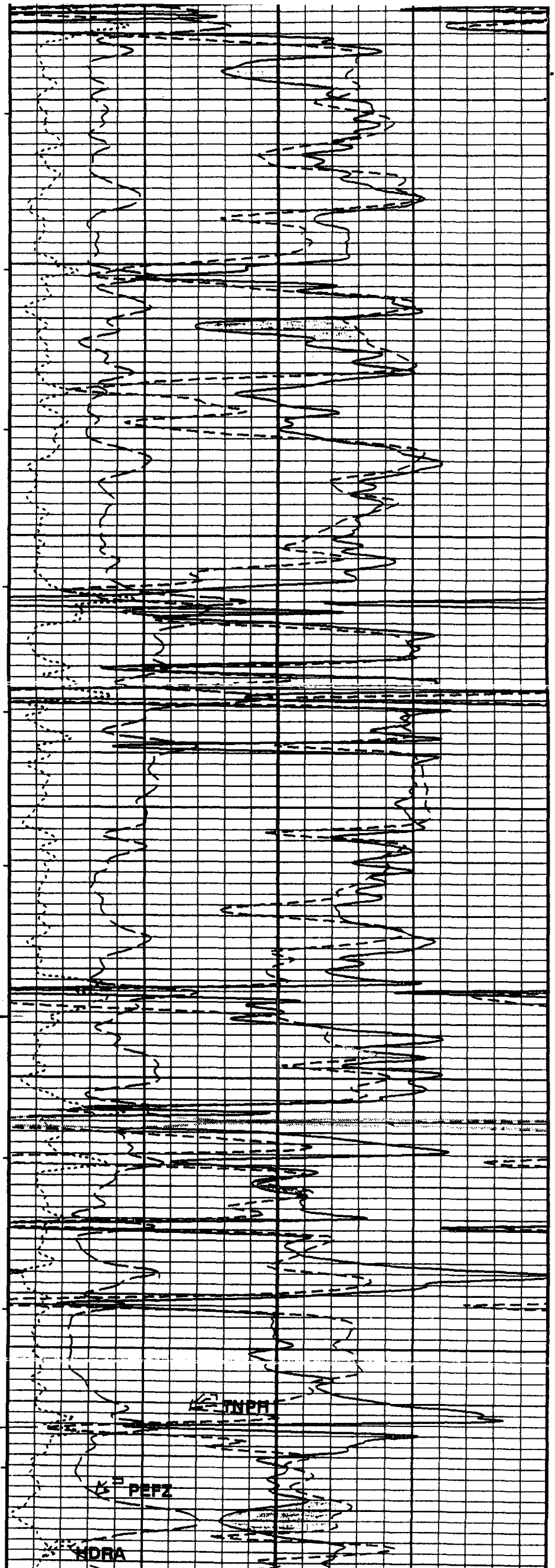
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TENS

HGAL

MOTWB
11039
-7712

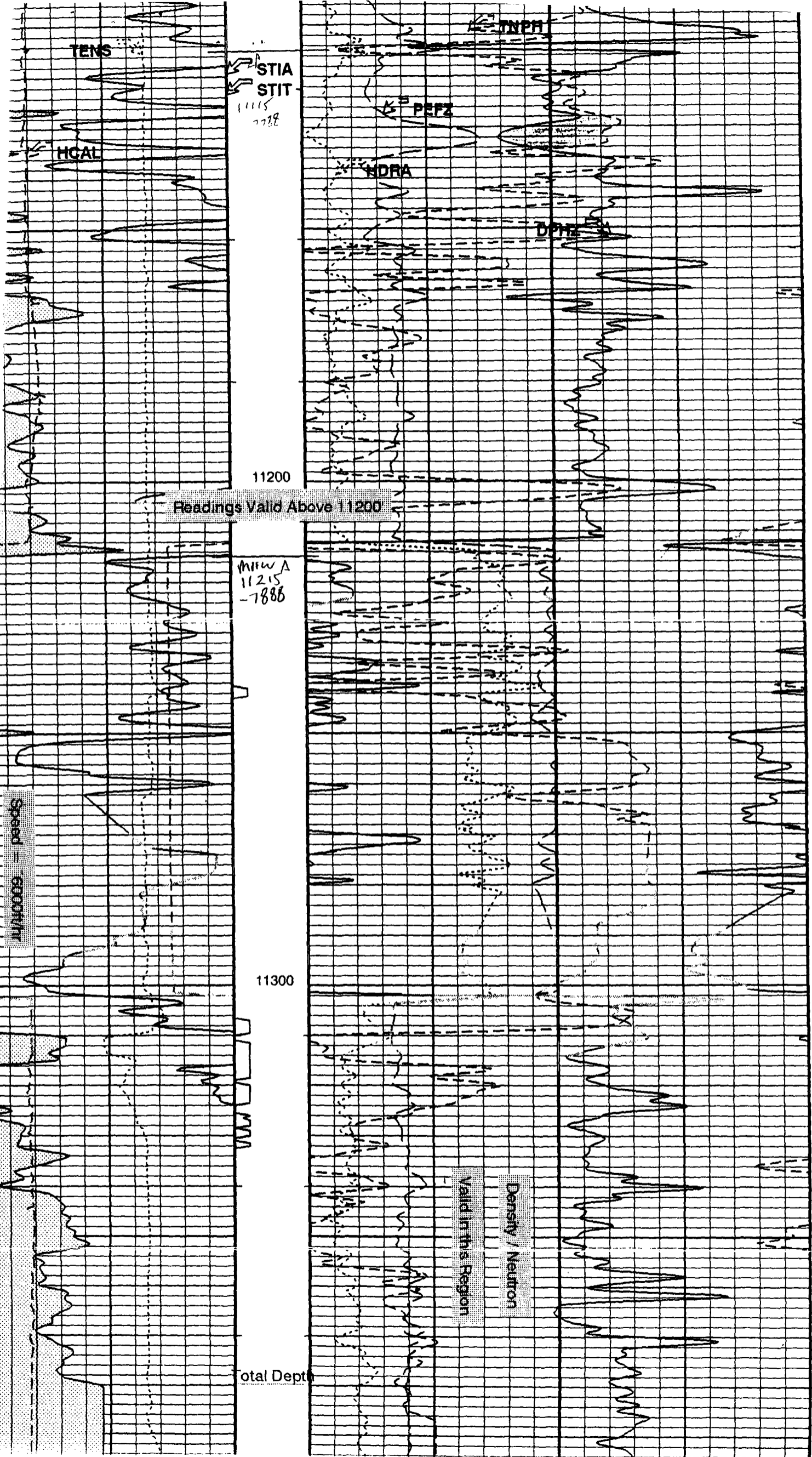
STIA
STIT
11115
7888



NDRA

PEFZ

TNPH



TENS

STIA
STIT

1115
2288

HGAL

TNPH

PEFZ

NDRA

DPH

11200

Readings Valid Above 11200

MHW A
11215
-7886

Speed = 6000ft

11300

Density / Neutron
Valid in this Region

Total Depth