

FORM C-108

ITEM VI

WELL DATA - AREA OF REVIEW

(1). Location: Unit H, Sect. 32, 1980' FNL & 660' FEL, TWP 24S, 38E
Operator: Stanolind O & G
Lease: State "Y" Well No. 1 (103)
Well type: Oil XX Gas T.D. 8935'
Date drilled: spud 3-10-52 comp. 6-20-52
Completion data: 13-3/8" @ 311' w/325 sx; 9-5/8" @ 4277' w/550 sx,
TOC 900'; 7" @ 8019' w/250 sx, TOC (TL) 6570'; perf Dvn 7885'-7905',
7751'-64', 1000 gal acid, 3000 gal frac, lppg sd; A 2-57 w/7500 gal;
conv. to WIW 5-3-63; csg collapse, P & A 5-23-74, Re-plg 3-3-75 and
again 11-17-79; data sheets att.

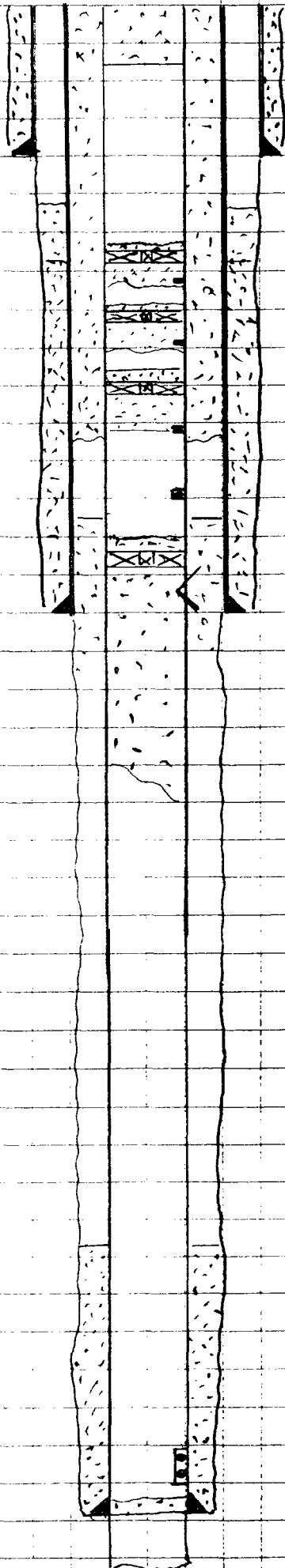
Plugged XX Date 5-23-74 & 11-17-79 (diagram att.)

(2). Location: Unit H, Sect. 32, T-24S, R-38E, 2180' FNL, 450' FEL
Operator: (Gulf Oil), Arch Pet.
Lease: West Dollarhide Dvn. Unit Well No. 119 WI
Well type: XXXX WIW Gas T.D. 8000'; PBTD 7955'
Date drilled: spud 2-25-75 comp. 3-26-75
Completion data: 13-3/8" @ 1200' w/1130 sx, circ; 8-5/8" @ 3953',
w/340 sx, TOC 2500'; 5-1/2" @ 8000' w/550 sx, TOC 3400'; perf DVN
7740'-7888', A/8000 gal 15%; remed 4-18-80 repair csg, perf 5-1/2" @
3200', cmt w/700 sx, circ 110 sx out 8-5/8"; sq w/1000 sx, DO, A w/
6700 gal; resume wtr inj; 1984 CO to 7955', A w/6000 gal; ret to inj;
re-acid 10-2-87 w/4750 gal, ret to inj; chg opr. 1995 to Arch Pet;
re-acid 4000 gal, ret to inj

Plugged Date (diagram att.)

(3). Location: Unit I, 1980' FSL & 660' FEL Sec. 32, T-24S, R-38E
Operator: (Skelly Oil) Arch Pet.
Lease: (Mexico "J") WDDU Well No. (3) 104
Well type: Oil XX Gas T.D. 10,320' PB 7860'
Date drilled: spud 10-23-51 comp 2-25-52
Completion data: 13-3/8" @ 300' w/300 sx; 9-5/8" @ 3055' w/1800
sx, circ cmt; 5-1/2" @ 10,320' w/1653 sx; TOC 3315'; perf 10,280'-
292', 10,236'-264'; sq perfs: PB 8790', perf 8710'-44, A/500 gal;
IPE 1996 BOPD; sq Fuss 1958, perf Dvn 7656'-7736', A/500 gal; 1963, perf
7758'-7802'; 1970, PB 7860'; perf 7798'-7808'; current producer

Plugged Date (diagram att.)



surface plug, 0 to 130' (20 sx)

13-3/8" csg @ 311', cem w/325 sx

TOC 9-5/8" @ 900'

perfs 3050'; set cmt ret @ 2918'; squeeze w/250 sx; left 5' cmt on ret; perf 7" 2570'; set ret @ 2461'; squeeze w/385 sx, lv 8' cmt on ret., spot 20 sx surf plug; 11-17-79

cement retainer @ 3494'; pmp 500 sx cmt down tbg, circ; 12' cmt on ret.; 3-3-75

squeeze perfs @ 3640'

squeeze perfs @ 3810', DNC

cement retainer @ 4000'; sq 1250 sx cmt, TOC behind 7" @ 3900' (TL); 5-22-74

7" casing collapsed below 4000'

9-5/8" casing @ 4277' w/550 sx
TOC 900'

FORM C-108, Item VI, 1

PLUGGING DIAGRAM
WDDU No. 103

ARCH PETROLEUM
WDDU No. 122
Section 33, T-24S, R-38E
Lea County, New Mexico

Dvn perfs 7751'-7905'

7" casing @ 8019', cem w/250 sx
TOC 6570' (TL)

TD 8935'

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ITEM VI

WELL DATA - AREA OF REVIEW

(4). Location: Unit P. 660' FS & EL Sec. 32, T-24S, R-38E
Operator: Skelly Oil
Lease: Mexico - State "J" Well No. 1
Well type: Oil XX Gas T.D. 10,245'
Date drilled: spud 5-4-51 comp 8-24-51
Completion data: 13-3/8" @ 291' w/300 sx; 9-5/8" @ 3350' w/1900
sx, TOC 433'; 5-1/2" @ 10,245' w/1150 sx, DV tool @ 8492'; perf 10,210'-
230'; IPF 583 BOPD EIL; sq perfs, re-perf 10,140'-153'; CIBP @ 8760'
perf 8704'-24' Fuss, perf 8575'-8666'; BP @ 8570', perf 8440'-8560';
CIBP @ 8337' cap w/cmt to 8322'; perf 8210'-8300'; CIBP @ 8187' cmt cap
8177'; perf 8094'-8136'; CIBP @ 8074', cmt cap 8064'; perf 7970'-80';
TA 6-27-73; 10-88, perf 7656'-7808', ret to prod; plq 1976
Plugged XX Date 2-17-76 (diagram att.)

(5). Location: Unit P. 660' FSL & 330' FEL Sec. 32, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Mexico "J") WDDU Well No. (24) 109 WI
Well type: XXXXX WIW Gas T.D. 8700'
Date drilled: spud 1-1-56
Completion data: 8-5/8" @ 3139' w/2000 sx, circ; 5-1/2" @ 8689'
w/1530 sx, DV tool @ 4620'; perf Dvn 7640'-7740'; conv to wtr inj
4-10-63; 10-23-75, csq 1k, perf 4620', circ cmt to surf, sq 100 sx
into fmn., perf 7578'-95', ret to inj; 9-16-77, csg 1k, sq 300 sx
4596'-4627'; 1984, CO to 7765', A/8000 gal; active inj well

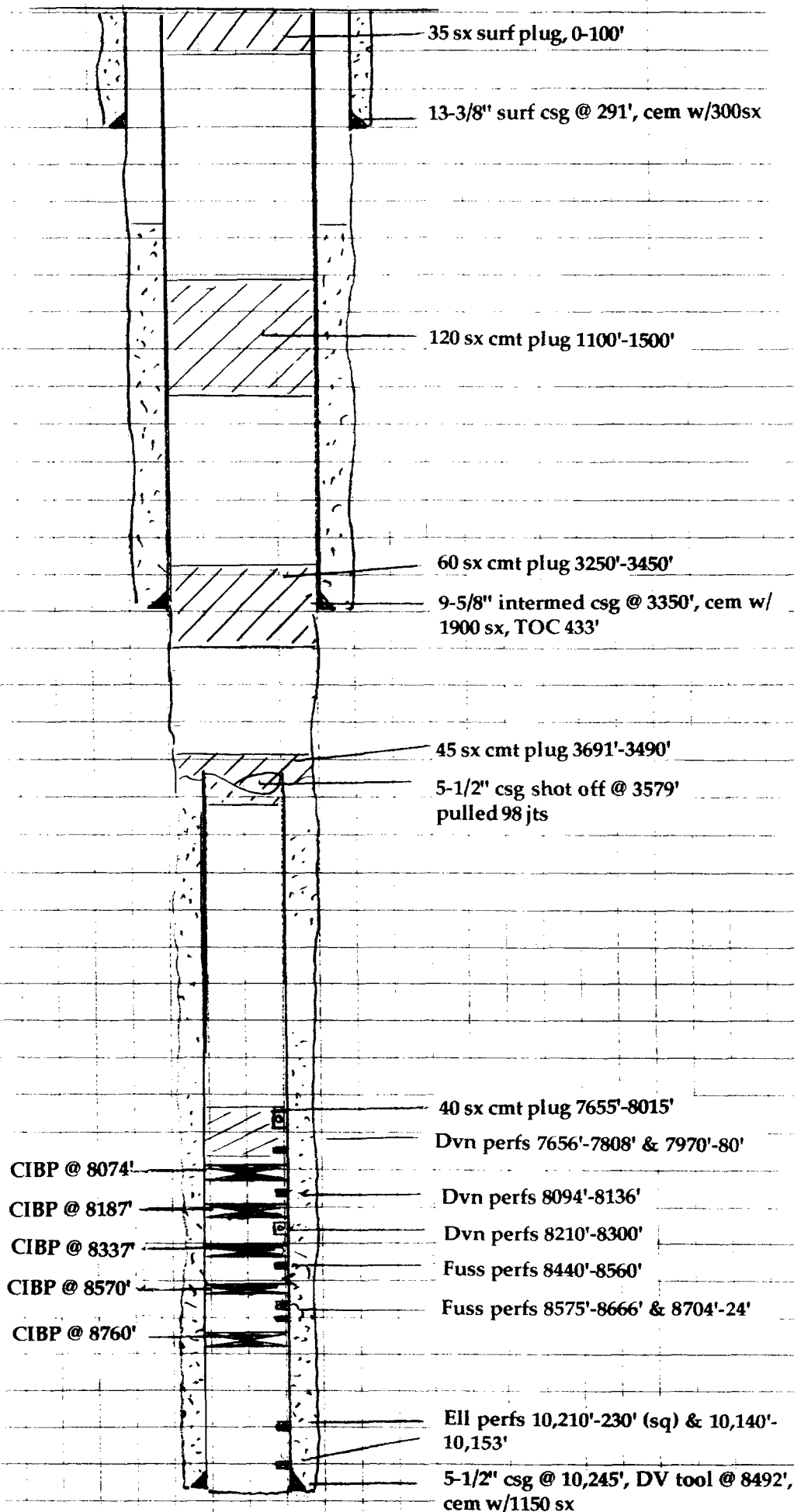
Plugged _____ Date _____ (diagram att.)

(6). Location: Unit C. 660' FNL & 779' FEL Sec. 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (17-D) 100 WI
Well type: Oil XX Gas T.D. 8184'
Date drilled: spud 9-28-52 comp 12-1-52
Completion data: 13-3/8" @ 295' w/325 sx; 8-5/8" @ 2899' w/1735 sx;
7" @ 7958' w/220 sx, CT 5728'; comp OH7958'-8184'; IPF 684 BOPD, Dvn,
conv to wtr inj 1963; sq csg 1k 5465'-96' w/600 sx, A w/1000 gal,
1972; active inj well

Plugged _____ Date _____ (diagram att.)

PLUGGING DIAGRAM
Mexico State "J" No. 1

ARCH PETROLEUM
WDDU No. 122
Section 33, T-24S, R-38E
Lea County, New Mexico



FORM C-108
ITEM VI

WELL DATA - AREA OF REVIEW

(7). Location: Unit D, 990' FN & WL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Texaco
Lease: (Harry Leonard "A") WD Drk' U Well No. (28) 41
Well type: Oil XX Gas T.D. 8170' PB 6945'
Date drilled: spud 5-17-53 comp 8-3-53
Completion data: 13-3/8" @ 327' w/350 sx; 9-5/8" @ 2903' w/850 sx;
7" @ 6959' w/750 sx; A OH 8120' w/1355 gal; PB 6945'; perf 6765'-6896';
A w/4000 gal, perf 6555'-6725', A w/7000 gal; IPF 460 BOPD; currently
T/A (Miscellaneous Reports on Wells/Plug Back) attached

Plugged _____ Date _____ (diagram att.)

(8). Location: Unit C, 1285' FNL & 1650' FEL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: West Dollarhide Devonian Unit Well No. 121
Well type: Oil XX Gas T.D. 8133'
Date drilled: spud 8-26-84 comp 1-18-85
Completion data: 13-3/8" @ 380' w/400 sx; 8-5/8" @ 4200' w/1500
sx, circ cmt; 5-1/2" @ 8133' w/1300 sx, TOC 800'; perf Dvn 7877'-
8088'; A w/6200 gal, F w/50,000# sd; Pmp 45 BO + 163 BOPD;
current producer

Plugged _____ Date _____ (diagram att.)

(9). Location: Unit E, 1980' FNL & 660' FWL, Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (21) 102
Well type: Oil XX Gas T.D. 7990'
Date drilled: spud 12-9-52 comp 1-28-53
Completion data: 13-3/8" @ 279' w/325 sx; 9-5/8" @ 2899' w/2525
sx; 7" @ 7797' w/570 sx, comp Dvn OH 7797'-7990'; IPF 512 BOPD;
1976, sq csg lk @ 4350' w/1400 sx, TOC 2900'; 1987, swage out coll csg,
run 5-1/2" to 7613', cmt w/450 sx, circ cmt; current producer

Plugged _____ Date _____ (diagram att.)

FORM C-108

ITEM VI

WELL DATA - AREA OF REVIEW

(10). Location: Unit F, 1980' FNL & 779' FEL, Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (15) 101 WIW
Well type: Oil XX Gas T.D. 8062'
Date drilled: spud 6-22-52 comp 9-21-52
Completion data: 13-3/8" @ 306' w/350 sx; 9-5/8" @ 2899' w/950 sx,
TOC 1450'; 7" @ 7841', TOC 5300'; comp from OH in Dvn, IPF 876 BOPD;
conv. to wtr inj 6-15-63, 1000 BWPD @ 0 TP; 1976, CO to 8056'; perf 7"
@ 5190', sq w/700 sx; run 5" lnr, perf 7836'-48', resume inj; 1989,
repair csg leak 6084'-6179', sq w/263 sx, ret to inj
currently WIW

Plugged _____ Date _____ (diagram att.)

(11). Location: Unit E, 1980' FNL & 660' FWL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (21) 102
Well type: Oil XX Gas T.D. 7990'
Date drilled: spud 12-09-52 comp 1-28-53
Completion data: 13-3/8" @ 279' w/325 sx; 9-5/8" @ 2899' w/2525 sx;
7" @ 7797' w/570 sx; comp fr Dvn OH 7797' - 7990', IPF 512 BOPD; 1976,
sq csg lk 4350' w/1400 sx, TOC 2900'; 1987, swage csg, run 5-1/2" lnr
to 7613, cmt w/450 sx, circ cmt; currently producing

Plugged _____ Date _____ (diagram att.)

(12). Location: Unit K, 2540' FSL, 1420' FWL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: WDDU Well No. 118
Well type: Oil XX Gas T.D. 8050'
Date drilled: spud 3-10-73, comp 4-10-73
Completion data: 13-3/8" @ 303' w/335 sx; 8-5/8" @ 3947' w/300 sx,
TOC 2598'; 5-1/2" @ 8049' w/260 sx, TOC 5800'; perf 7794'-8016'; A/6000
Dvn, IPP 95 BOPD & 7 BW; 1976, perf 5700', circ cmt w/1125 sx; 1979,
perf add'l Dvn 7810'-14', 7862'-66', 7906'-10', A/8700 gal, ret to
prod, 51 BOPD and 124 BW; current producing well

Plugged _____ Date _____ (diagram att.)

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ITEM VI

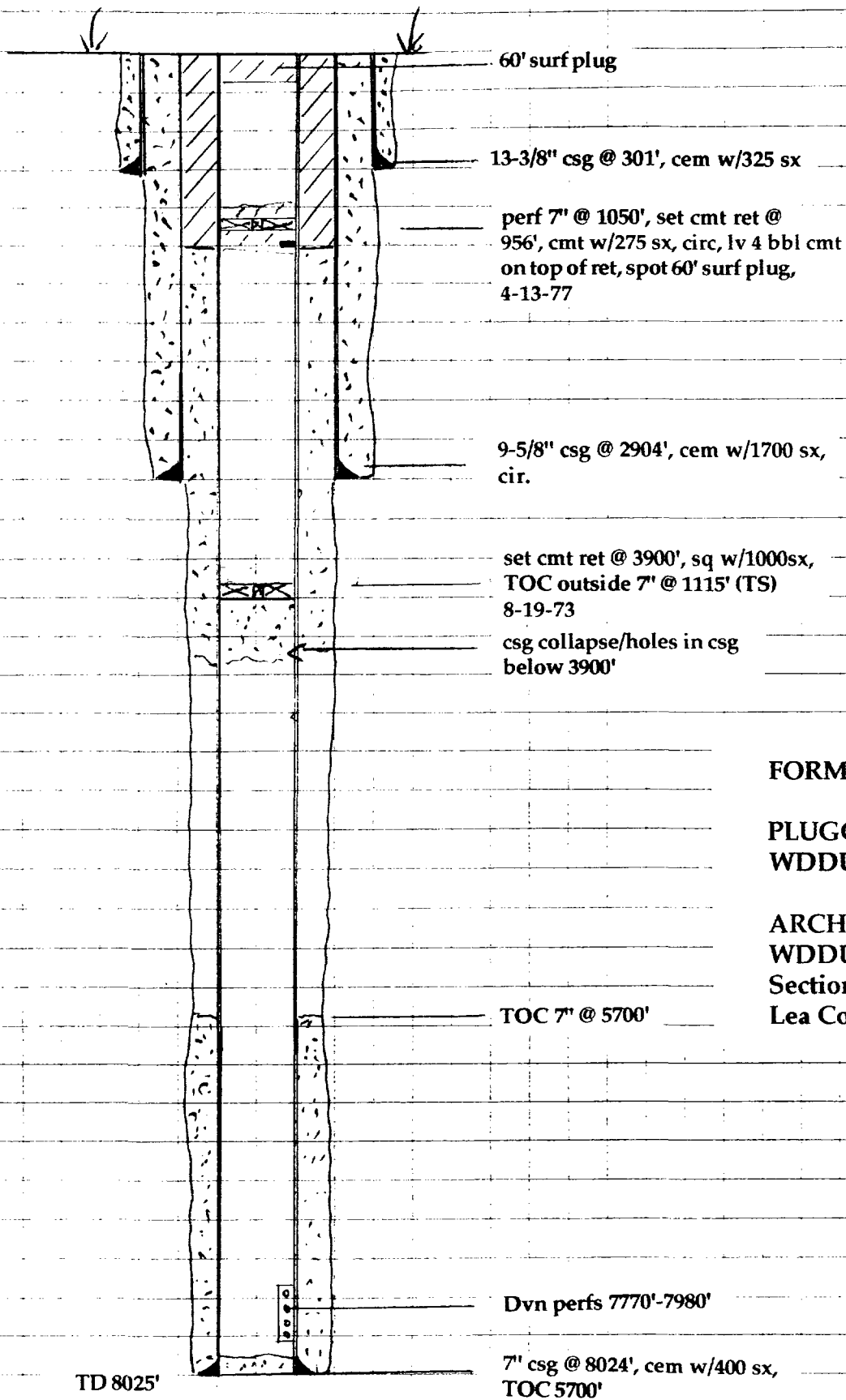
WELL DATA - AREA OF REVIEW

- (13). Location: Unit K, 1980' FSL & 781' FEL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (11) 106
Well type: Oil XX Gas T.D. 8025'
Date drilled: spud 4-14-52 comp 6-18-52
Completion data: 13-3/8" @ 301' w/325 sx; 9-5/8" @ 2904' w/1700
sx, circ; 7" @ 8024' w/400 sx, TOC 5700'; perf Dvn 7770'-7980'; IPF
352 BOPD; P & A 1973; re-plg 4-13-77

Plugged XX Date 8-22-73/4-13-77 (diagram att.)
- (14). Location: Unit L, 1650' FSL & 330' FWL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (19) 105 WIW
Well type: Oil XX Gas T.D. 8780'
Date drilled: spud 11-2-52, comp 3-17-53
Completion data: 13-3/8" @ 282' w/325 sx; 8-5/8" @ 2900' w/1450 sx,
TOC 1335'; 5-1/2" @ 8779' w/1500 sx, circ cmt; perf Fuss 8695'-8750';
A/8000 gal; IPP 147 BOPD + 35% SW; 7-8-60CIBP @ 8633', perf Dvn 7870'-
7886', A/2500 gal; conv to inj 3-8-63 7842'-7874'; 1-13-76, perf 5250',
sq w/900 sx; perf Dvn 7704'-7736' ret to inj; 11-1-91, sq csg tk 3658'-
3719' w/650 sx, unsuccessful; TA

Plugged Date (diagram att.)
- (15). Location: Unit M, 660' FS & WL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (7) 108
Well type: Oil XX Gas T.D. 10,310'
Date drilled: spud 9-4-51 comp 12-27-51
Completion data: 13-3/8" @ 306' w/325 sx; 9-5/8" @ 2877' w/1300 sx,
7' @ 10,308' w/200 sx; perf E11 10,260'-295'; A/2500 gal, IPF 488 B0/6hrs;
1954, set CIBP @ 7950' w/cmt cap; perf Dvn 7650'-90', A/2000 gal, IPF
355 BOPD; 1963, perf 7810'-60', A w/2000; TA in 1971; ret to prod in
11-85; 5-89 side track w/new hole to 7950', 4-1/2" lnr; perf 7654'-97'

Plugged Date (diagram att.)



FORM C-108, Item VI, 13

PLUGGING DIAGRAM
WDDU No, 106

ARCH PETROLEUM
WDDU No. 122
Section 33, T-24S, R-38E
Lea County, New Mexico

FORM C-108

ITEM VI

WELL DATA - AREA OF REVIEW

(16). Location: Unit N, 660' FSL & 781' FEL Sec 33, T-24S, R-38E
Operator: (Gulf Oil) Arch Pet.
Lease: (Harry Leonard "A") WDDU Well No. (16) 107 WIW
Well type: Oil XX Gas T.D. 7965'
Date drilled: spud 8-17-52 comp 10-20-52
Completion data: 13-3/8" @ 305' w/330 sx; 9-5/8" @ 2899' w/1100
sx, perf 9-5/8" @ 1685' and sq w/375 sx; 7" @ 7750' w/475 sx; comp
Dvn from OH, A/22,000 gal; 5-29-63, run 5" lnr, cmt w/50 sx & sq lnr
top w/55 sx; perf 7894'-7934'; a/250 gal; conv to inj; sq 7" 5295' w/
150 sx, perf 4115'-4535', circ 150 sx, sq w/200 sx 8-6-64; 3-6-73, CO
to 7926', perf 7756'-76' A/2000 gal; 12-29-75, CO junk to 7936', perf
7743'-49', ret to inj; ran CBL, TOC 3080'; 1-1-99, well plugged w/scale
Plugged TA Date (diagram att.)

(). Location:
Operator:
Lease: Well No.
Well type: Oil Gas T.D.
Date drilled:
Completion data:

Plugged Date (diagram att.)

(). Location:
Operator:
Lease: Well No.
Well type: Oil Gas T.D.
Date drilled:
Completion data:

Plugged Date (diagram att.)

FORM C-108

ITEM VII

OPERATIONAL DATA

- (1). Average expected injection rate: 500 BWPD; maximum anticipated rate: 1000 BWPD
- (2). Closed system
- (3). Estimated average injection pressure: 1500 psi.
Estimated maximum pressure: 2000 psi.
- (4). Source of injection water: produced water from Devonian wells in the Unit
Analysis of waters attached EXHIBIT I & II
- (5). Analysis of injection zone water attached
Data source: NA

ITEM VIII

GEOLOGICAL DATA

INJECTION ZONE

Lithological description: lime and cherty lime

Geological name: Devonian

Zone thickness: 157 ft; Depth: 7763'-7920'

FRESH WATER SOURCE(S)

Geological name of aquifer: Ogallala and Santa Rosa

Depth to bottom of zone Ogallala - 200'; Santa Rosa - 900'

FORM C-108

ITEM IX

STIMULATION PROGRAM

ACIDIZE

Volume: 2500 gal Type acid: 15% HCl
Rate: 3-5 BPM; Misc.: _____

FRACTURE

Fluid volume: NA gal.; Type: _____
Prop type: _____ Volume (lb): _____
Rate: _____ BPM; Conductor: _____
Misc: _____

ITEM X

LOGGING PROGRAM

Logging program included: GR, Litho Density, Comp Neutron

Copy of GR/CND log(s) included with
attachments

ITEM XI

FRESH WATER DATA

Fresh water well within 1 mile radius: XX Yes _____ No
Chemical analysis from well located: 35-23-37
Date sampled: 1-4-98 **EXHIBIT III**
Chemical analysis from well located: _____
Date sampled: _____

ITEM XII

HYDROLOGY

Engineering data and area well logs reveal no evidence that hydrologic connection might exist between intended injection zone and fresh water zone(s) above 900'

EXHIBIT I
Endura Products Corp.
P.O. Box 3394 Midland, Texas 797
Phone (915) 684-4233 * Fax (915) 684

FORM C-108, Item VII, 4

**ANALYSIS OF DEVONIAN
INJECTION WATER**

WATER ANALYSIS

**ARCH PETROLEUM
WDDU No. 122
Section 33, T-24S, R-38E
Lea County, New Mexico**

Date: 7/31/00 Endura Rep.: Roddy Long
Sampling Point/Date: Wellhead 07/25/00
Company: Arch Petroleum, Inc.
Lease: WDDU

Well: 108

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na+ (Calc.)	32,522	1,414
Total Hardness as Ca++	3,600	0
Calcium, Ca++	2,800	140
Magnesium, Mg++	488	41
Barium, Ba++	0	0
Iron (Total) Fe+++*	8	0

ANIONS

Chlorides, Cl-	54,500	1,535
Sulfate, SO4-	2,450	51
Carbonate, CO3-	0	0
Bicarbonates, HCO3-	536	9
Sulfide, S-*	0	0
Total Dissolved Solids (Calc.)	93,304	

OTHER PROPERTIES

pH*	6.935
Specific Gravity, 60/60 F.	1.056
Turbidity	217

SCALING INDICIES

<u>TEMP, F.</u>	<u>CA CO3</u>	<u>CASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
80	0.3460	-0.1450	-0.3402	-29.1345
120	0.6631	-0.1479	-0.1627	-29.3594
160	1.1524	-0.1447	0.0232	-29.5864

PERFORATIONS

Endura Products Corp.

P.O. Box 3394 Midland, Texas 797
Phone (915) 684-4233 * Fax (915) 684

**ANALYSIS OF DEVONIAN
INJECTION WATER**

ARCH PETROLEUM
WDDU No. 122

Section 33, T-24S, R-38E
Lea County, New Mexico

WATER ANALYSIS

Date: 7/31/00 Endura Rep.: Roddy Long
Sampling Point/Date: Wellhead 07/25/00
Company: Arch Petroleum, Inc.
Lease: WDDU

County: Lea
Well: 111

DISSOLVED SOLIDS

<u>CATIONS</u>	mg/l	me/l
Sodium, Na+ (Calc.)	49,657	2,159
Total Hardness as Ca++	5,400	0
Calcium, Ca++	4,800	240
Magnesium, Mg++	366	31
Barium, Ba++	0	0
Iron (Total) Fe+++*	1	0

ANIONS

Chlorides, Cl-	84,500	2,380
Sulfate, SO4-	1,950	41
Carbonate, CO3-	0	0
Bicarbonates, HCO3-	366	6
Sulfide, S-*	48	3
Total Dissolved Solids (Calc.)	141,688	

OTHER PROPERTIES

pH*	6.581
Specific Gravity, 60/60 F.	1.086
Turbidity	59

SCALING INDICIES

<u>TEMP. F.</u>	<u>CA CO3</u>	<u>CASO4*2H2O</u>	<u>CA SO4</u>	<u>BA SO4</u>
80	0.2548	-0.0723	-0.3009	-29.2588
120	0.6043	-0.0774	-0.1257	-29.4668
160	1.1451	-0.0886	0.0459	-29.6969

PERFORATIONS

FORM C-108, Item XI

ANALYSIS OF SANTA ROSA
WATER

ARCH PETROLEUM

WDDU No. 122

Sectio 33, T-24S, R-38E

Lea County, New Mexico

LAB. NO.

DATE REC 1-5-98

RR

E. C. Hill Federal #7

79701

b.

FIELD

SEC 35

B&K-23S-37 SURVEY

League

CO.

Lea, NM

NO. 1

Santa Rosa water - taken from E. C. Hill Federal #7 (water supply well wellhead). 1-4-98

NO. 2

NO. 3.

NO. 4

REMARKS:

Specific Gravity @ 60°F.

1.0035

pH When Sampled

pH When Received

7.60

Bicarbonate, as HC03

176

Supersaturated, as CaC03

Undersaturated, as CaC03

Total Hardness, as CaC03

320

Calcium, as Ca

41

Magnesium, as Mg

53

Sodium and/or Potassium

524

Sulfate, as SO4

717

Chloride, as Cl

405

Iron, as Fe

3.9

Barium, as Ba

Turbidity

Color

Total Solids, Calc.

1915

Temperature, °F.

Carbon Dioxide

Oxygen

Hydrogen Sulfide

0.0

Resistivity, ohms/m @ 77°F.

3.47

Suspended Oil

Filtrable Solids

Volume Filtered, ml

Remarks: Please feel free to contact us if we can be of any assistance in interpreting these results.

RESULTS REPORTED AS MILLIGRAMS PER LITER
MARTIN WATER LABS., INC.

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OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
EXHIBIT IV

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
43520

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. OIL WELL ☐ GAS WELL ☐ OTHER- Water Injection Well	7. Unit Agreement Name West Dollarhide Devonian Unit
2. Name of Operator Gulf Oil Corporation	8. Farm or Lease Name
3. Address of Operator Box 670, Hobbs, New Mexico 88240	9. Well No. 103
4. Location of Well UNIT LETTER H 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 24-S RANGE 38-E NMPM.	10. Field and Pool, or Wildcat Dollarhide Devonian
15. Elevation (Show whether DF, RT, GR, etc.) 3183' GL	12. County Lea

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 ☐	OTHER ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐	ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
CASING TEST AND CEMENT JOBS ☐	
OTHER ☐	

Plugged and abandoned.

17. 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.

7920' PB.

Loaded 7" casing with 16# mud. Ran cement retainer and set at 4000'. Pumped 1250 sacks of Class C cement down tubing. Flushed with 14.5 BW. WOC 16 hours. TS indicated TOC at 3900', 377' above 9-5/8" casing shoe at 4277'. Spotted cement plug from 120' to surface. Installed dry hole marker and cleaned location. Completed plugging and abandoning on May 22, 1974.

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

SIGNED [Signature]	TITLE Area Engineer	DATE May 23, 1974
APPROVED BY [Signature]	TITLE Geologist	DATE SEP 12 1974
CONDITIONS OF APPROVAL, IF ANY:		

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
1-1-65

EXHIBIT V

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.)		5a. Indicate Type of Lease State ☒ Fee ☐ 5. State Oil & Gas Lease No.
1. OIL ☐ GAS ☐ OTHER- Water Injection Well 2. Name of Operator Gulf Oil Corporation 3. Address of Operator Box 670, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER H 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 24-S RANGE 38-E NMPM.		7. Unit Agreement Name West Dollarhide Devonian Unit 8. Farm or Lease Name 9. Well No. 103 10. Field and Pool, or Wildcat Dollarhide Devonian
15. Elevation (Show whether DF, RT, GR, etc.) 3183' GL		12. County Lea

16. 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 ☐ OTHER ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ PLUG AND ABANDONMENT ☐ CASING TEST AND CEMENT JOBS ☐ OTHER ☐ Plugged and abandoned
---	--	---

17. 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.

Removed dry hole marker. Ran 6-1/8" bit and drilled cement from surface to 130'. Ran tubing to bottom at 3930' and circulated hole clean. Pulled tubing and bit. Ran packer and tubing. Set packer at 185' and pressured above and below packer with 1000# overnight. Released pressure on 9-5/8" casing and 7" pressure decreased. Perforated 7" casing with 5, 1/4" holes at 3810'. Could not circulate. Perforated 7" casing at 3640' and circulated at 8/10 BPM. Set cement retainer at 3494'. Pumped 500 sacks of Class C cement down tubing thru perforations 3640' and cement circulated to surface outside 7" casing. Pulled tubing. Left 12' cement plug on top of retainer. Spotted 25 sack cement plug from 125' to surface. Installed dry hole marker. P A complete on March 3, 1975. Will advise when location is ready for inspection.

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

SIGNED B. J. Barbary TITLE Area Engineer DATE March 3, 1975

APPROVED BY Eddie Seay TITLE OIL & GAS INSPECTOR DATE JUL 1 1975

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.O.B.	
LAND OFFICE	
OPERATOR	

5a. Indicate Type of Lease	
State ☒	Fee ☐
5. State Oil & Gas Lease No. 43520	

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. ☐ OIL WELL ☐ GAS WELL ☐ OTHER: Water Injection Well	7. Unit Agreement Name West Dollarhide Devonian
2. Name of Operator GULF OIL CORPORATION	8. Farm or Lease Name Unit
3. Address of Operator P.O. Box 670, Hobbs, NM 88240	9. Well No. 103
4. Location of Well UNIT LETTER H 1980 FEET FROM THE North LINE AND 660 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 24S RANGE 38E NMPM.	10. Field and Pool, or Wildcat Dollarhide Devonian
15. Elevation (Show whether DF, RT, GR, etc.) 3183' GL	12. County Lea

16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☐
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	
OTHER <u>Re-enter & re-cement 7" csg in P&A well</u> ☒			

17. 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.

Removed dry hole marker. Cleaned out to 3100'. Perf 7" csg @ 3050' w/(4) ½" JHPF. Ran cmt rtnr on 2-3/8" tbg & set @ 2918'. Squeezed perf 3050' w/250 sx Class "C" cmt. Left 5' cmt on top of rtnr. Max pres 2500#. Final pres 1600#. WOC 65 hrs. CP (9-5/8") 150#; CP (7") 0#. Perf 7" csg @ 2570' w/(4) ½" JHPF. Ran cmt rtnr & set @ 2461'. Squeeze below rtnr w/385 sx Class "C" cmt. Left 8' cmt on rtnr. WOC over 24 hours. CP (9-5/8") 20#. This work performed 1-16-78 through 3-7-78. Well transfered to inactive report while being monitored.

Spotted 20 sx cmt for surface plug. Installed well marker. Cleaned location. Work performed 11-17-79.

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

SIGNED N.O. Sikes, Jr. TITLE Area Engineer DATE 11-20-79
APPROVED BY Eddie Dean TITLE OIL & GAS INSPECTOR DATE JUL 14 1980
CONDITIONS OF APPROVAL, IF ANY:

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FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

EXHIBIT VII

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease

State ☒ Fee ☐

5. State Oil & Gas Lease No.

B-9311

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐	7. Unit Agreement Name
2. Name of Operator Skelly Oil Company	8. Farm or Lease Name Mexico "J"
3. Address of Operator P. O. Box 1351, Midland, Texas 79701	9. Well No. 1
4. Location of Well UNIT LETTER P 660 FEET FROM THE South LINE AND 660 FEET FROM THE East LINE, SECTION 32 TOWNSHIP 24S RANGE 38E NMPM.	10. Field and Pool, or Wildcat Dollarhide Fusselman
15. Elevation (Show whether DF, RT, GR, etc.) 3180'	12. County Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	PLUG AND ABANDONMENT ☒
PULL OR ALTER CASING ☐	OTHER ☐	CASING TEST AND CEMENT JOBS ☐	

17. 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.

- 1) Moved in workover rig January 27, 1976.
- 2) Set 40 sack cement plug 7655-8015'.
- 3) Shot off 5-1/2" OD casing at 3598', pulled 98 joints (3579') 5-1/2" OD casing.
- 4) Set 45 sack cement plug 3691-3490'.
- 5) Set 60 sack cement plug 3250-3450'.
- 6) Set 120 sack cement plug 1100-1500'.
- 7) Set 35 sack cement plug surface-100'.
- 8) Installed dry hole marker.

NOTE: All intervals not cemented were filled with 10.2# mud. The 13-3/8" OD casing surface-291', the 9-5/8" OD casing set surface-3350', and the portion of the 5-1/2" OD casing 3579-10,245' were left in the well.

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

SIGNED (Signed) D. R. Crow	D. R. Crow	TITLE Lead Clerk	DATE 2-12-76
Orig. Signed by John Runyan Geologist		TITLE	DATE
APPROVED BY		TITLE	DATE
CONDITIONS OF APPROVAL, IF ANY:			

NEW MEXICO OIL CONSERVATION COMMISSION

Santa Fe, New Mexico

EXHIBIT VIII

MISCELLANEOUS REPORTS ON WELLS

Submit this report in TRIPLICATE to the District Office, Oil Conservation Commission, within 10 days after the work reported is completed. It should be signed and filed as a report on Beginning Drilling Operations, Results of test of casing shut-off, result of plugging of well, result of well repair, and other important operations, even though the work was witnessed by an agent of the Commission. See instructions in the Rules and Regulations of the Commission.

Indicate Nature of Report by Checking Below

REPORT ON BEGINNING DRILLING OPERATIONS		REPORT ON RESULT OF TEST OF CASING SHUT-OFF		REPORT ON REPAIRING WELL	
REPORT ON RESULT OF PLUGGING WELL		REPORT ON RECOMPLETION OPERATION		REPORT ON (Other) Plugging Back	XXX

July 24, 1953

(Date)

Hobbs, New Mexico

(Place)

Following is a report on the work done and the results obtained under the heading noted above at the

Gulf Oil Corporation

(Company or Operator)

Harry Leonard "A"

(Lease)

Gardner Brothers Drilling Co.

(Contractor)

Well No. 28 in the NW 1/4 NW 1/4 of Sec. 33

T. 24S, R. 38E, NMPM, Dollarhide West Division Pool, Lea County.

The Dates of this work were as follows: July 16-17, 1953

Notice of intention to do the work ~~(was)~~ (was not) submitted on Form C-102 on _____, 19____,

(Cross out incorrect words)

and approval of the proposed plan ~~(was)~~ (was not) obtained.

DETAILED ACCOUNT OF WORK DONE AND RESULTS OBTAINED

Went in hole with 2-3/8" tubing open end to 7950', spotted 65 sacks regular cement plug from 7950-7800'. Spotted 65 sacks regular cement plug from 7100-6960'.

After waiting on cement 12 hours, went in hole and found top of cement plug at 6925'. Drilled cement to 6960', circulated and conditioned hole to run 7" casing.

Witnessed by W. G. Cagle

(Name)

Gulf Oil Corporation

(Company)

Drilling Foreman

(Title)

Approved:

OIL CONSERVATION COMMISSION

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

Name

Position Asst. Area Production Superintendent

Representing Gulf Oil Corporation

Address Box 2167, Hobbs, New Mexico

Roy Yarbrough

(Name)

Oil & Gas Inspector

(Title)

JUL 27 1953

(Date)

NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-101
Effective 1-1-65

EXHIBIT IX

Check Type of Lease

State ☒Fee ☐

5. State Oil & Gas Lease No.

27197

SUNDRY NOTICES AND REPORTS ON WELLS

DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO RE-ENTER OR RE-LOCATE TO A DIFFERENT RESERVOIR.
USE APPLICATION FOR PERMIT TO DRILL OR RE-ENTER OR RE-LOCATE FOR SUCH PROPOSALS.

1. OIL ☒ GAS ☐ OTHER ☐
WELL WELL

7. Unit Agreement Name

West Dollarhide Devoni

8. Farm or Lease Name Unit

2. Name of Operator

Gulf Oil Corporation

3. Address of Operator

Box 670, Hobbs, N.M. 88240

9. Well No.

106

4. Location of Well

UNIT LETTER K 1980 South 781
East 33 24-8 38-E
THE LINE, SECTION TOWNSHIP RANGE NEPT.

10. Field and Pool, or Wildcat
Dollarhide Devonian

11. Elevation (Show whether DF, RT, GR, etc.)

3173' G L

12. County

Lea

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK ☐PLUG AND ABANDON ☐REMEDIAL WORK ☐ALTERING CASING ☐TEMPORARILY ABANDON ☐COMMENCE DRILLING OPS. ☐PLUG AND ABANDONMENT ☐PULL OR ALTER CASING ☐CHANGE PLANS ☐CASING TEST AND CEMENT JOBS ☐OTHER Reentered abandon well and
plugged and abandonOTHER ☐

7. 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.

Removed dry hole marker. Drilled out 50' cement plug. Cleaned out to 1120'
Perforated 7" casing at 1050' with 5--1/2" circulation holes.
Set cement retainer at 956' and cemented with 275 sacks class C with 2% CaCl_2 .
Cement circulated to surface.
Spotted 4 Bbls cement on top of retainer.
Spotted 60' cement plug from 60' to surface.
Installed dry hole marker. Cleaned location.

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

SIGNED D. F. Berlin

TITLE Area Engineer

DATE 4-13-77

PROVED BY R. A. L. L.

TITLE

DATE APR 15 1977

CONDITIONS OF APPROVAL, IF ANY:

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U.S.G.S.	
LAND OFFICE	
OPERATOR	

NEW MEXICO OIL CONSERVATION COMMISSION

EXHIBIT X

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease
State ☒ Fee ☐

5. State Oil & Gas Lease No.
27197

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. OIL WELL ☒ GAS WELL ☐ OTHER- 2. Name of Operator Gulf Oil Corporation 3. Address of Operator Box 670, Hobbs, New Mexico 88240 4. Location of Well UNIT LETTER <u>K</u> <u>1980</u> FEET FROM THE <u>South</u> LINE AND <u>781</u> FEET FROM THE <u>East</u> LINE, SECTION <u>33</u> TOWNSHIP <u>24-S</u> RANGE <u>38-E</u> NMPM.	7. Unit Agreement Name West Dollarhide Devonian U 8. Farm or Lease Name Dollarhide Devonian 9. Well No. 106 10. Field and Pool, or Wildcat Dollarhide Devonian 11. Elevation (Show whether DF, RT, GR, etc.) 3173' GL 12. County Lea
---	---

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐
TEMPORARILY ABANDON ☐
PULL OR ALTER CASING ☐

PLUG AND ABANDON ☐
CHANGE PLANS ☐

REMEDIAL WORK ☐
COMMENCE DRILLING OPS. ☐
CASING TEST AND CEMENT JOBS ☐

ALTERING CASING ☐
PLUG AND ABANDONMENT ☐

OTHER ☐

SUBSEQUENT REPORT OF:

Plugged and abandoned

17. 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.

7995' PB, 8025' TD.

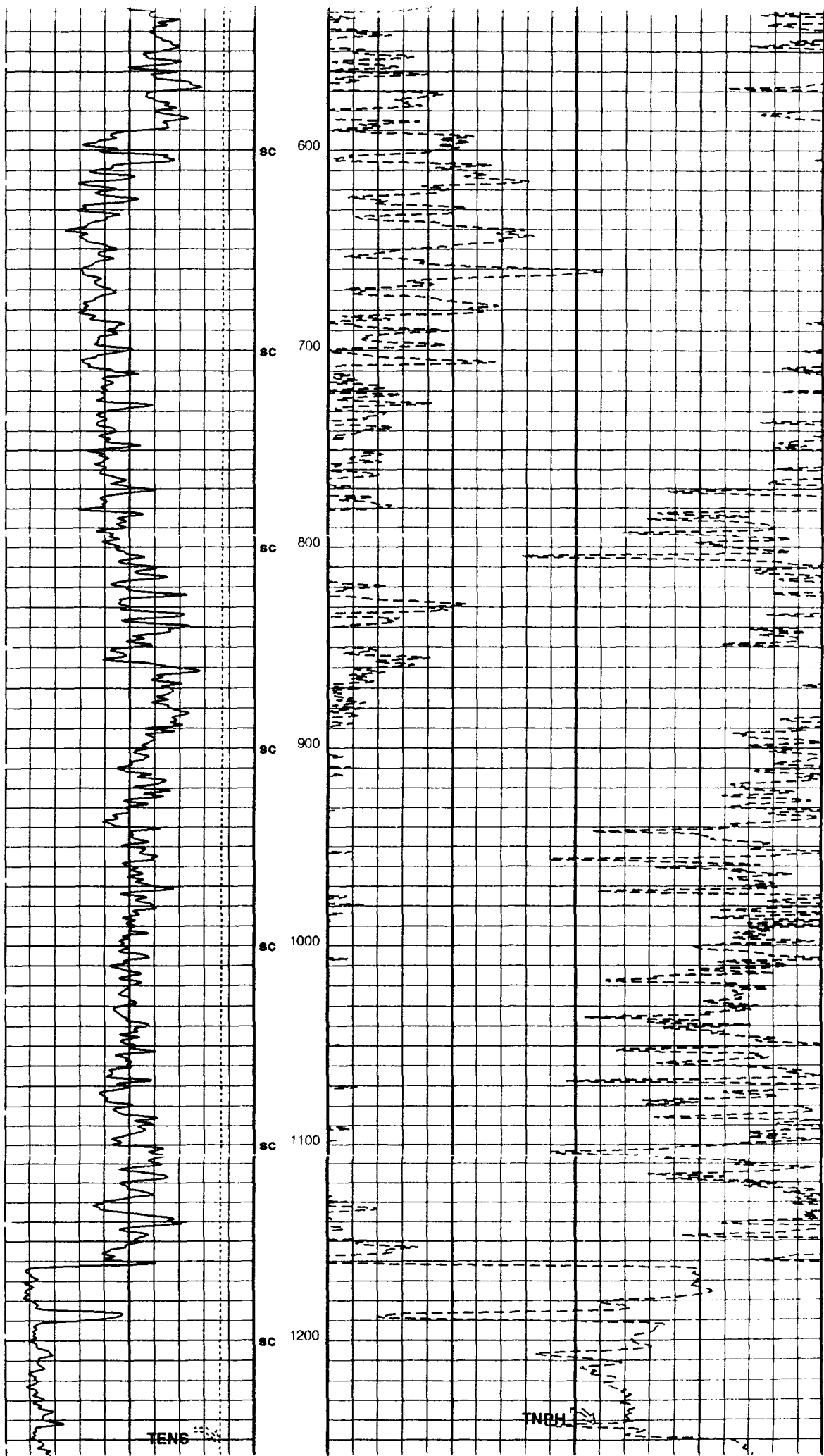
Ran CI cement retainer and set at 3900'. Squeezed with 1000 sacks of Class C cement containing .75% CFR-2 and 8# salt per sack. Maximum pressure 800#. ISIP 0#. WOC 12 hours. TS indicated TOC outside 7" casing at 1115'. Loaded hole with 14.2# mud. Spotted cement plug from 50' to surface. Installed dry hole marker. Plugged and abandoned August 19, 1973. (Will advise when location is ready for inspection).

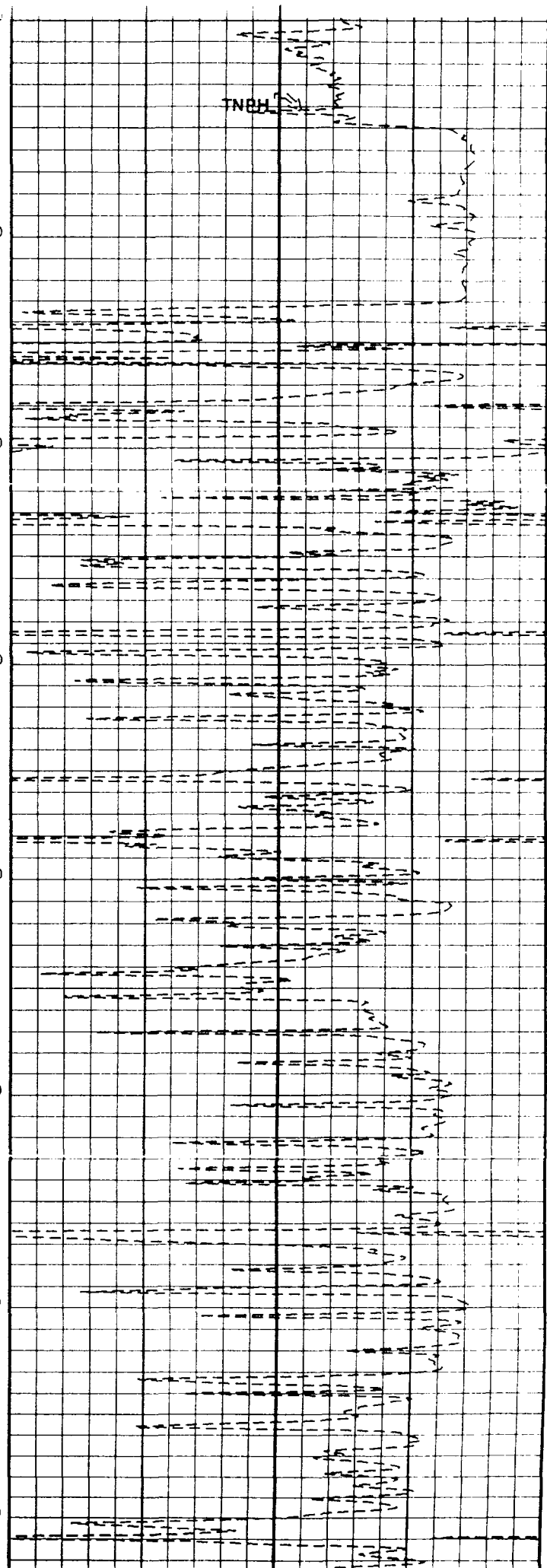
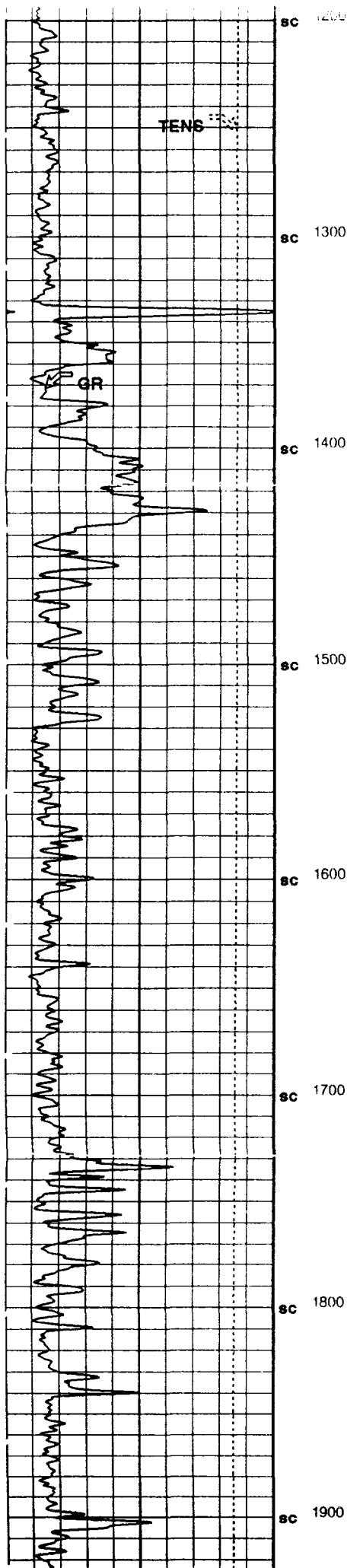
18. I hereby certify that the information above is true and complete to the best of my knowledge and belief.

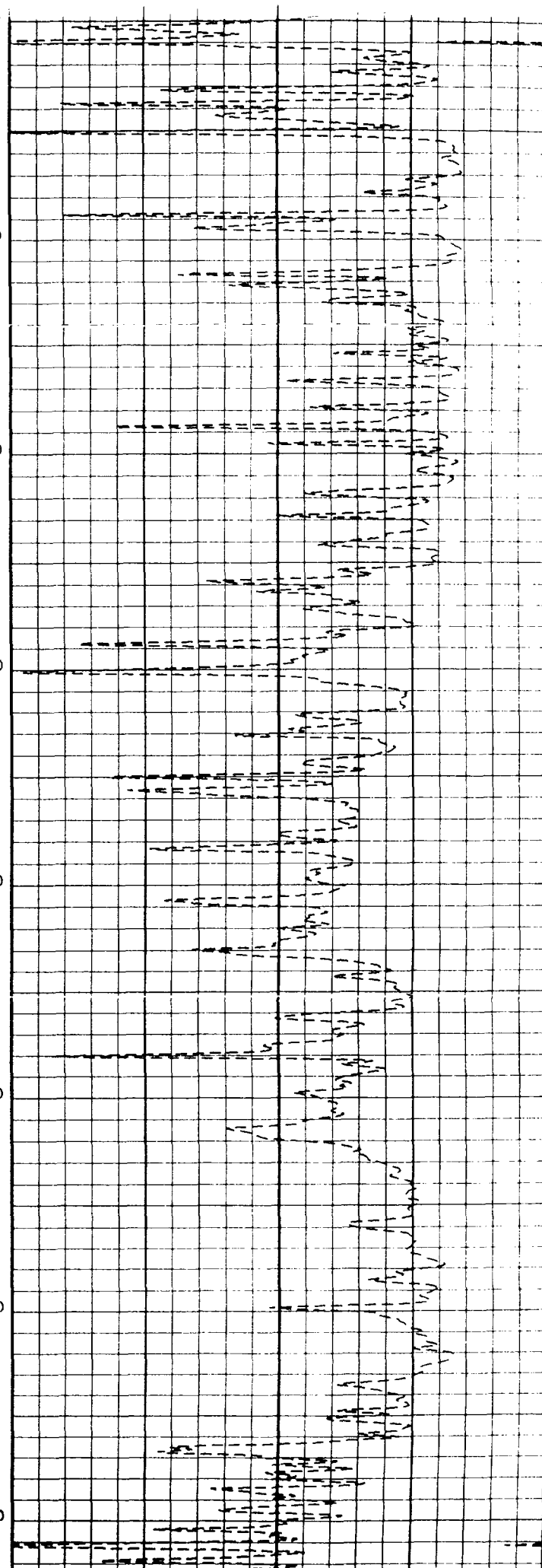
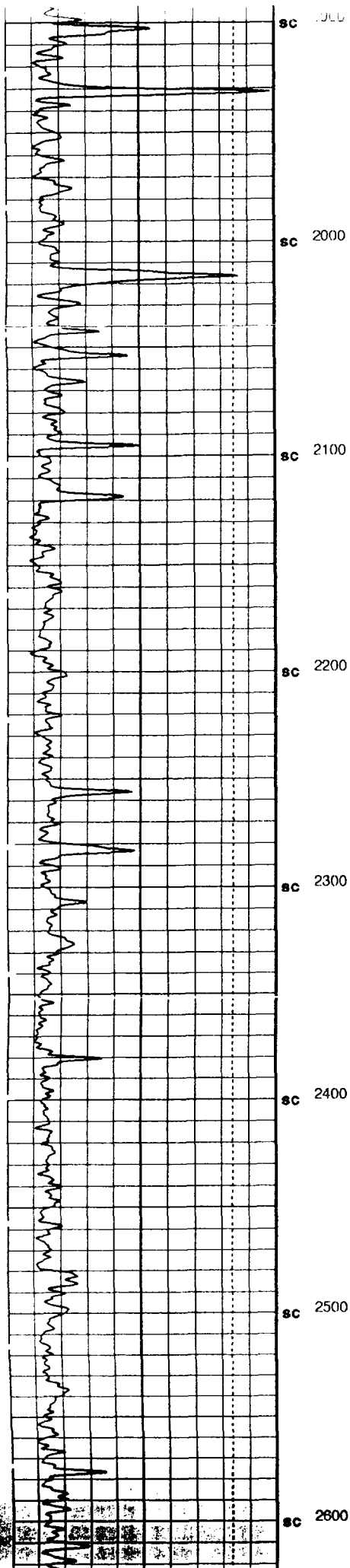
SIGNED H. J. Breazeale TITLE Area Engineer DATE August 22, 1973

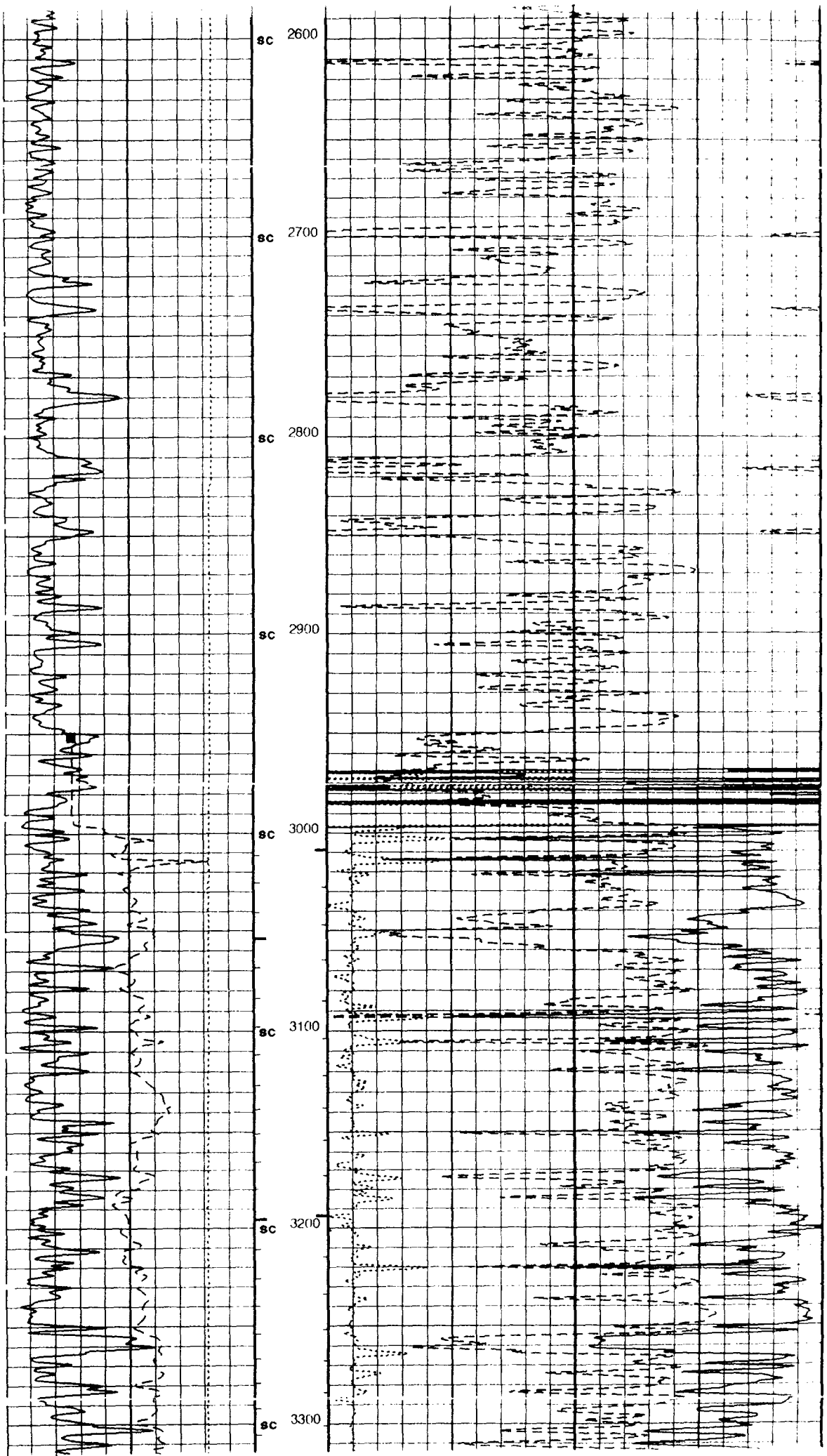
APPROVED BY John R. Ryan TITLE Geologist DATE

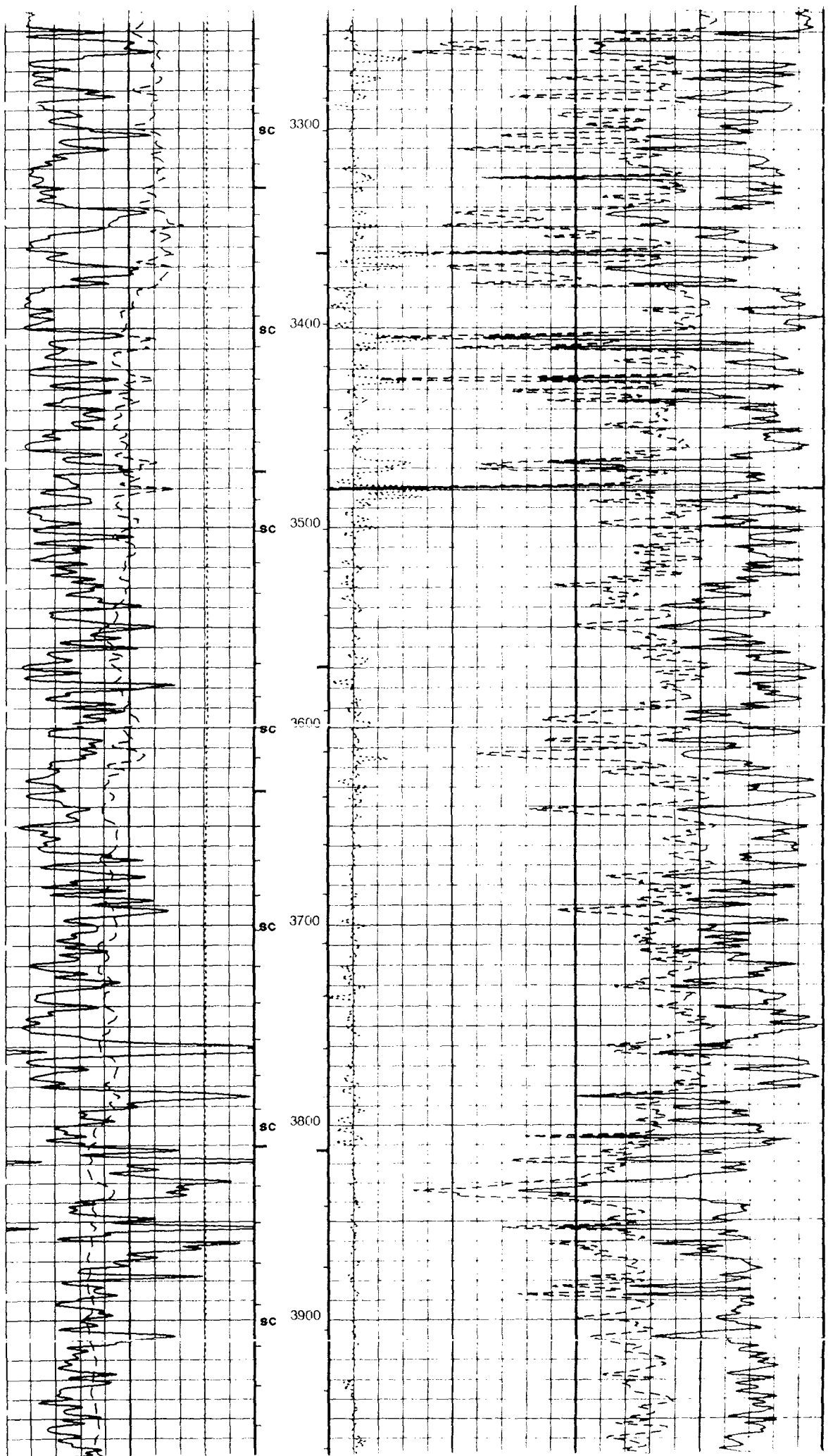
CONDITIONS OF APPROVAL, IF ANY:

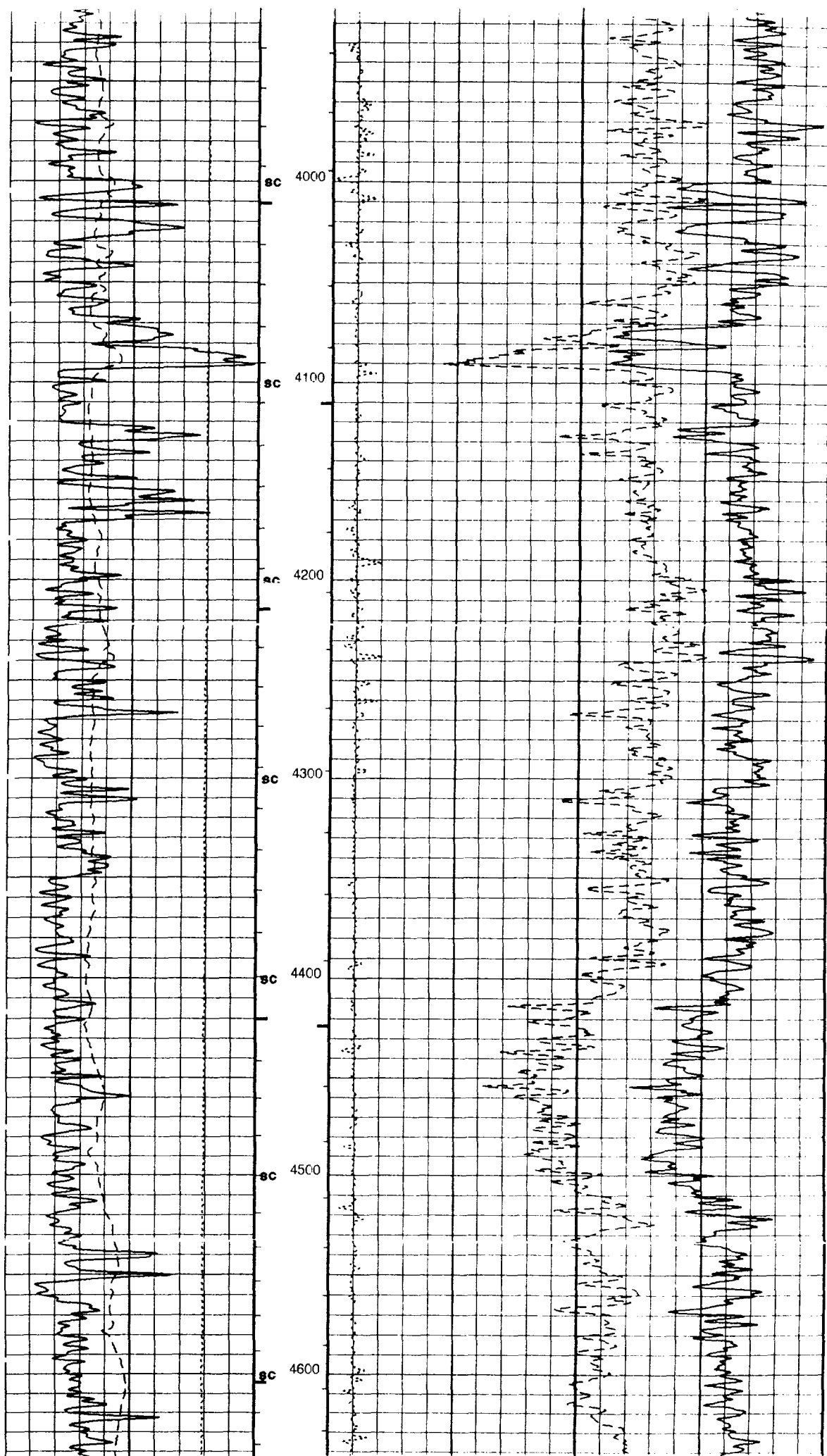


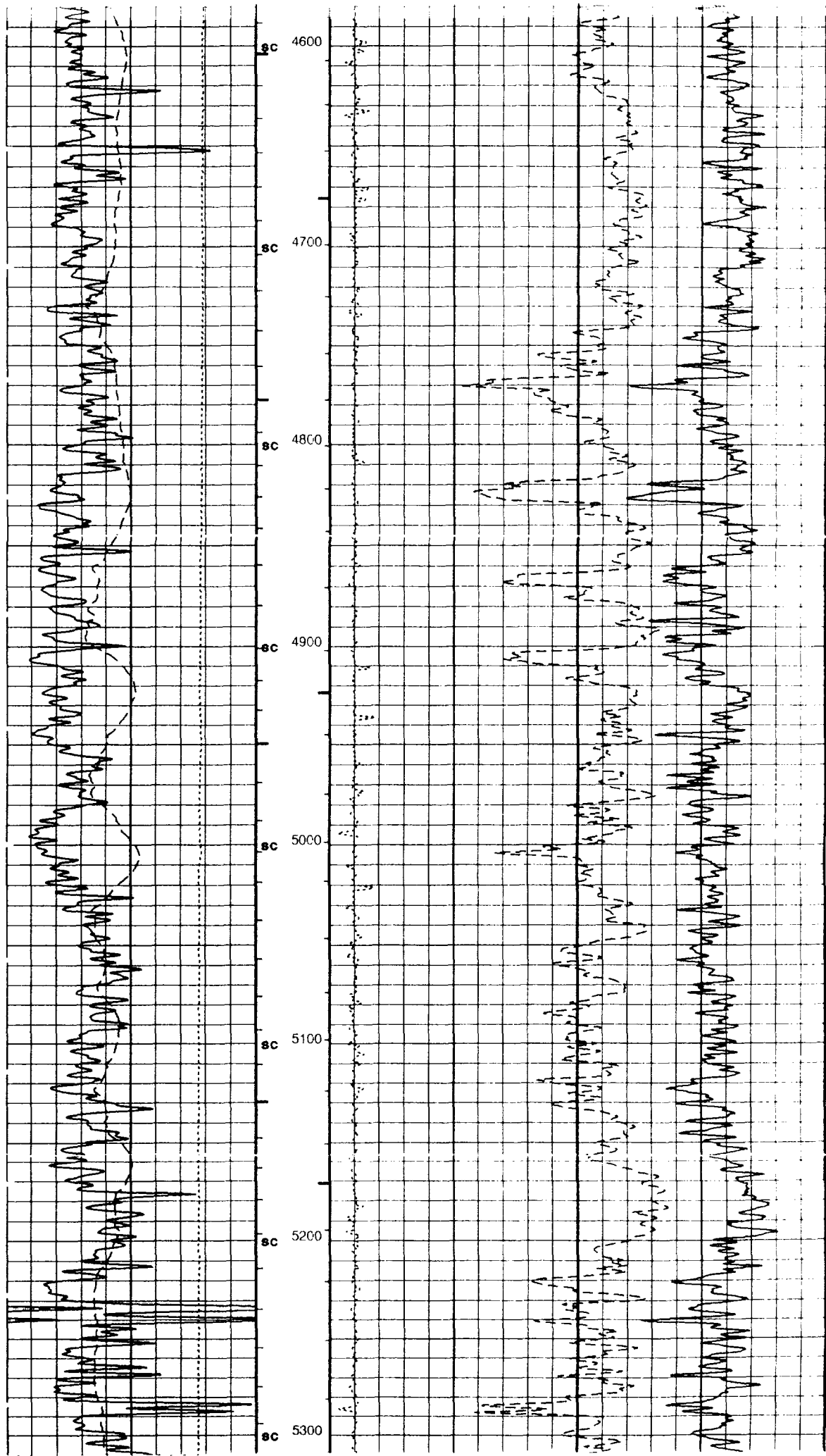


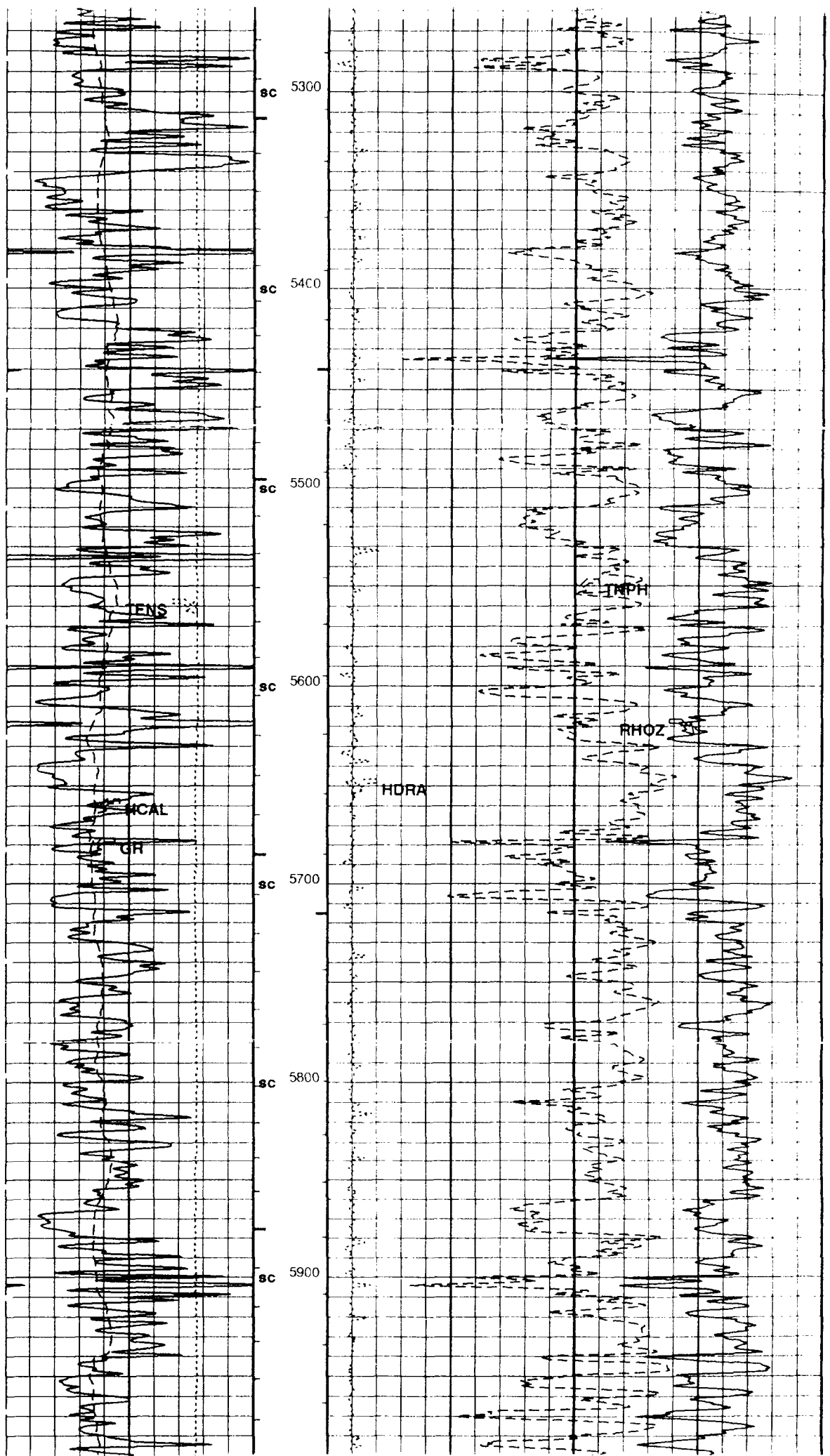


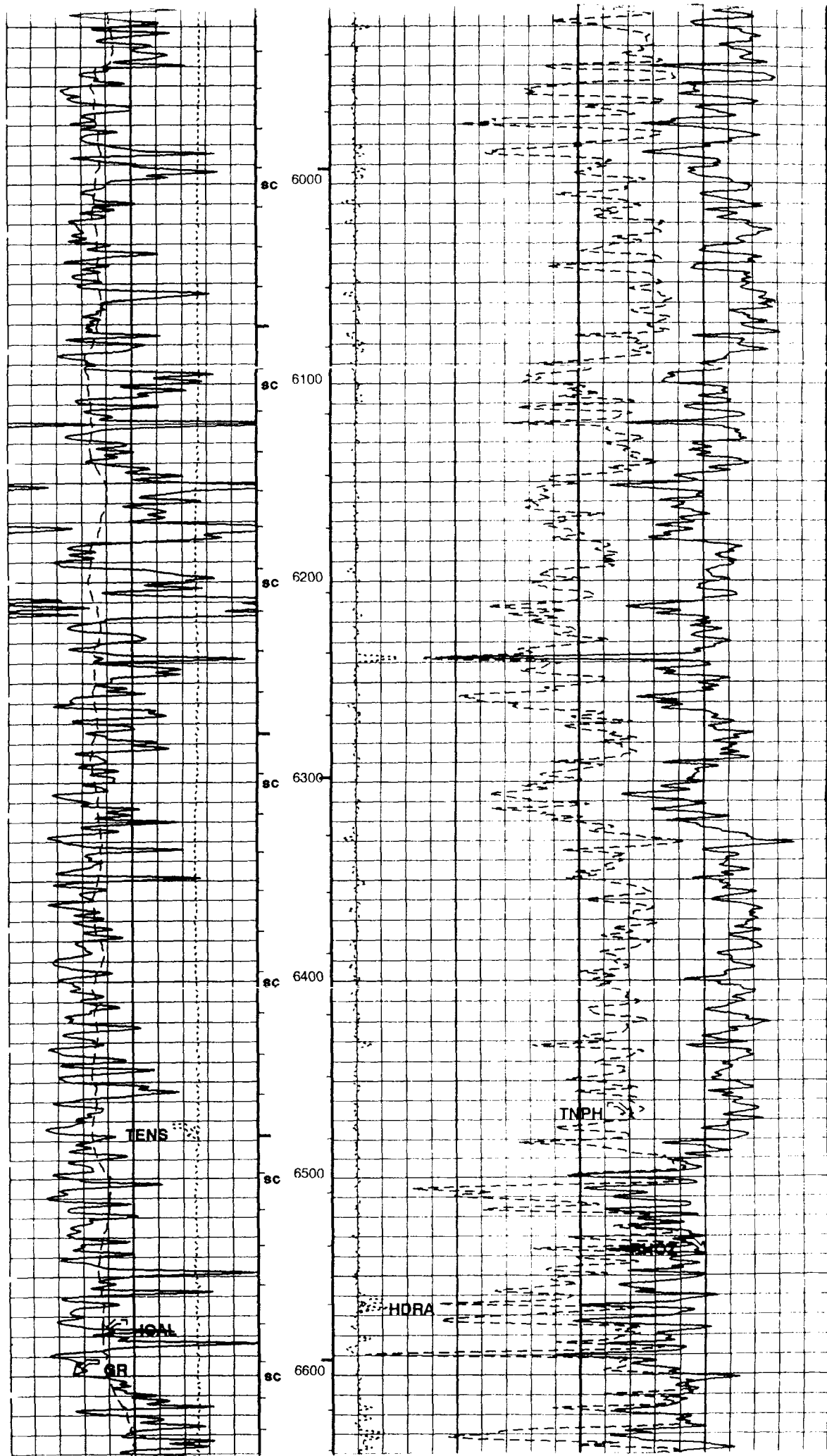


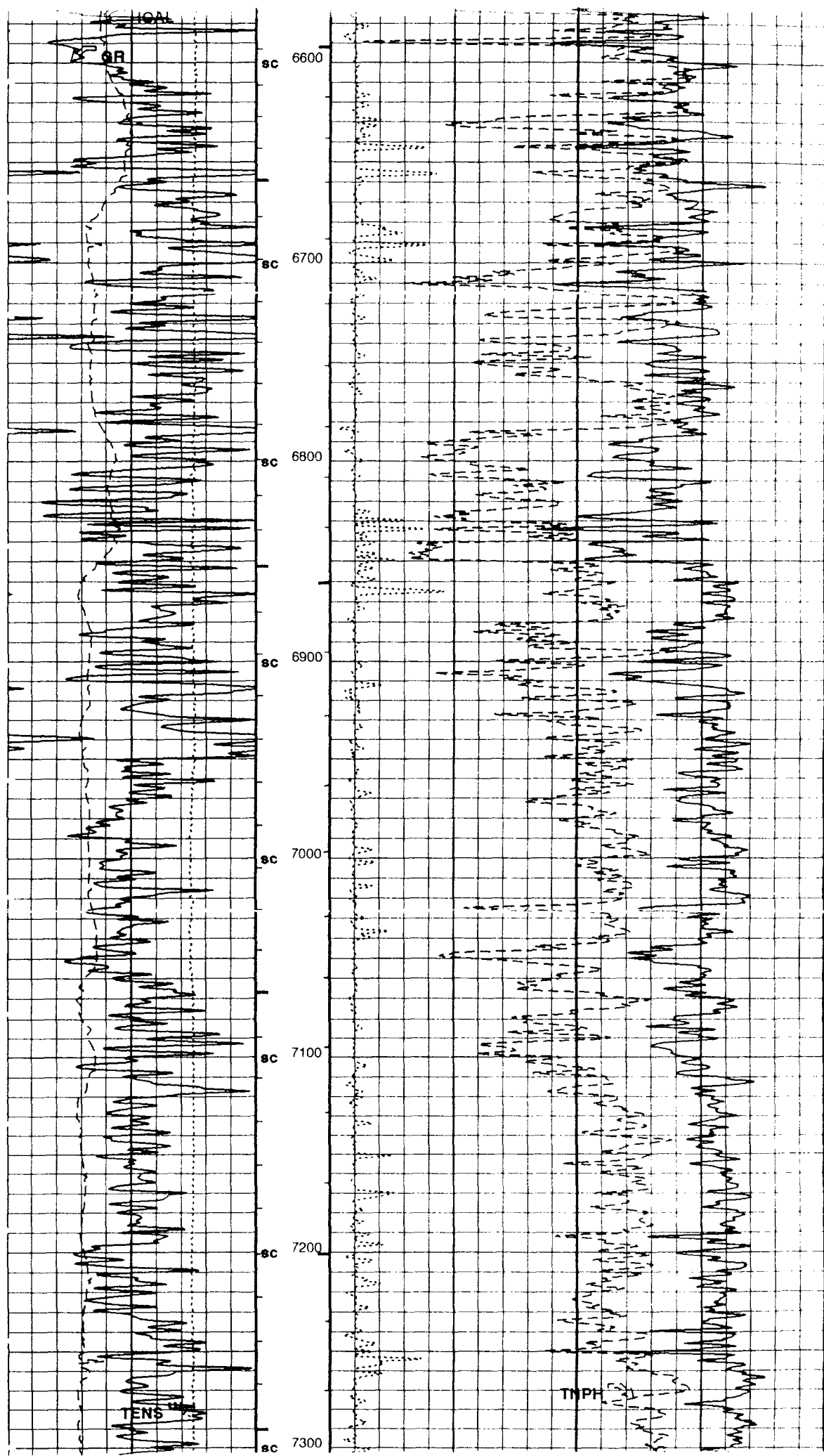


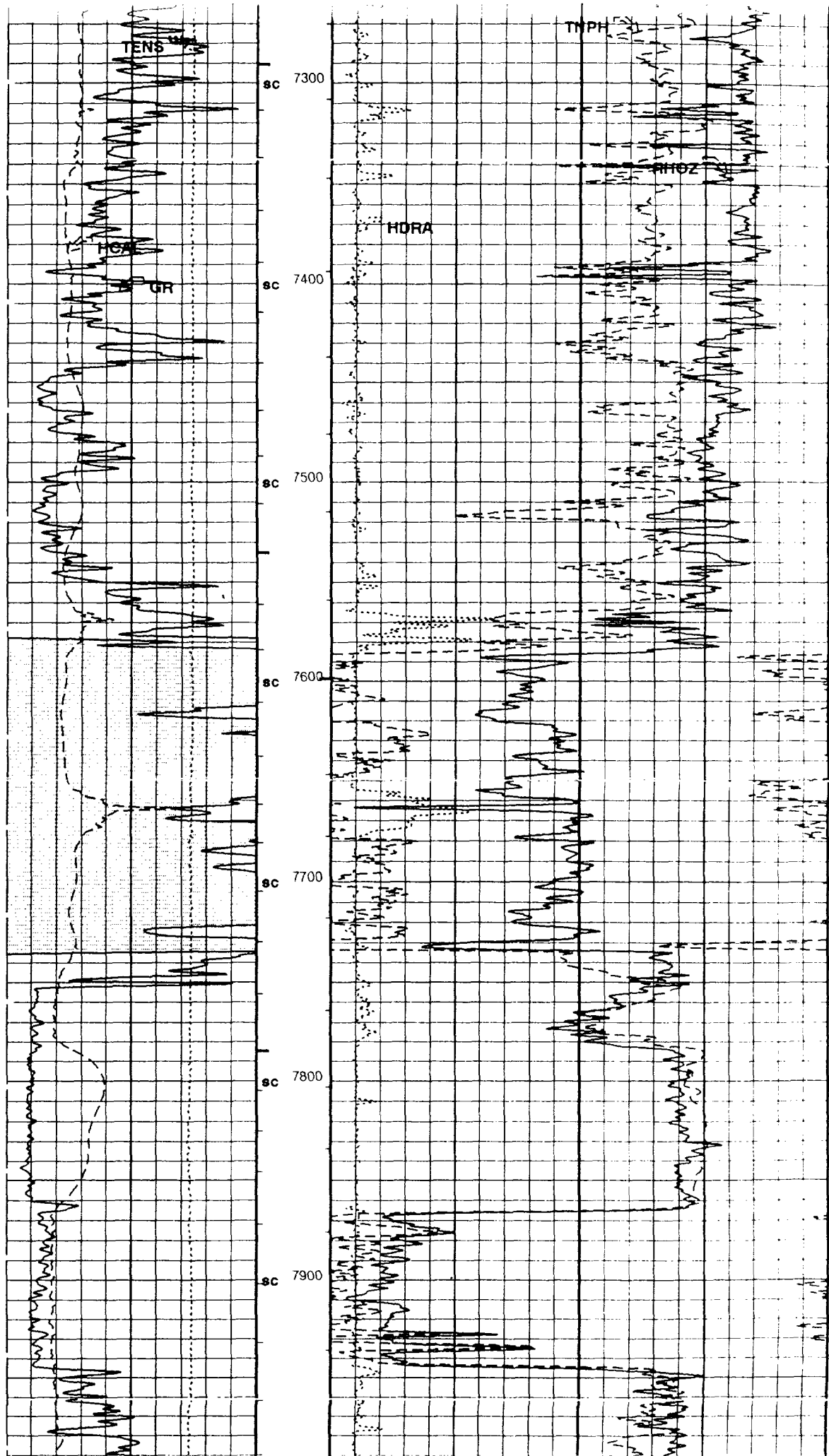


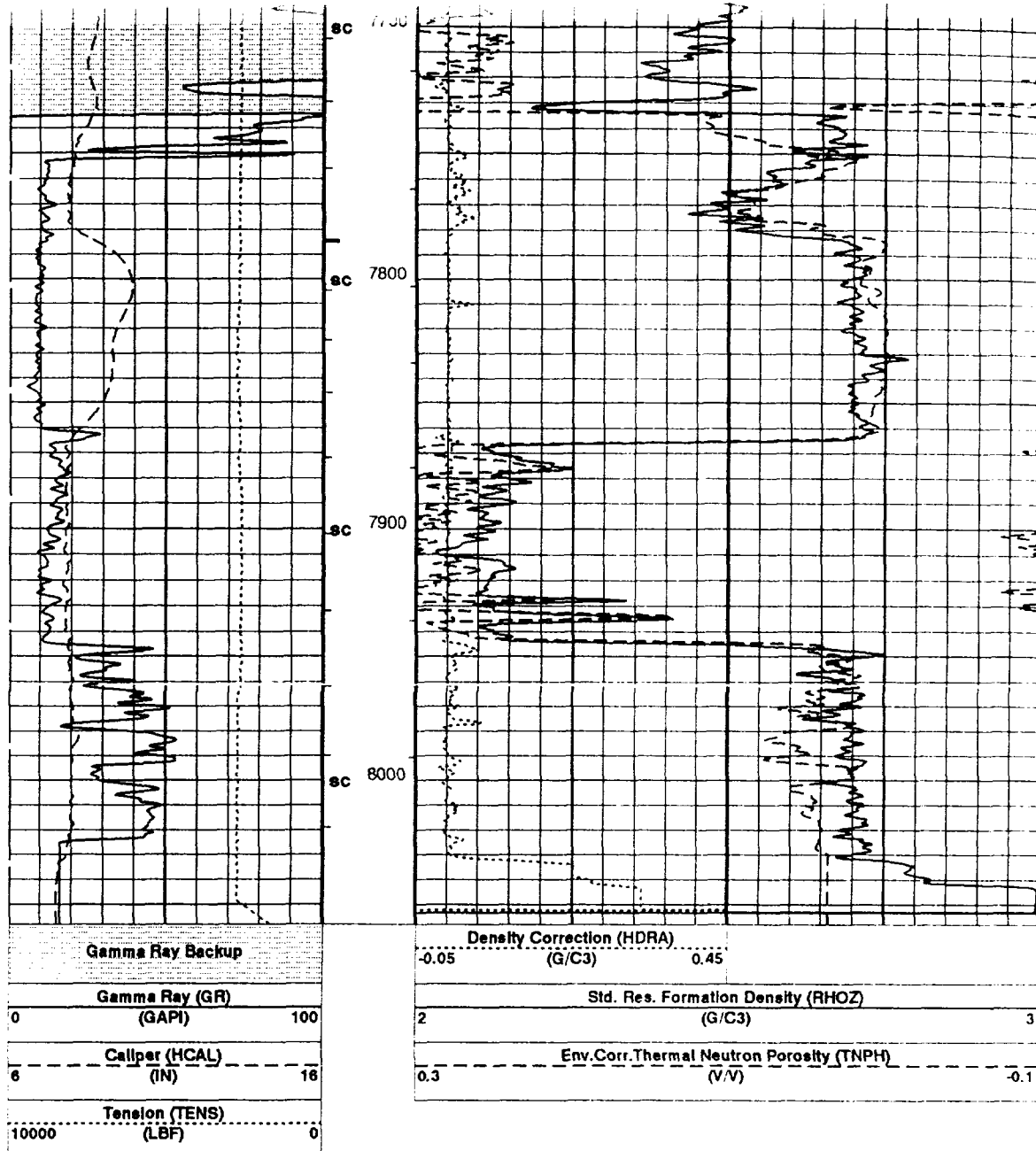












PIP SUMMARY

- └ 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

Parameters

DLIS Name	Description	Value	
BHFL	Borehole Fluid Type	WATER	
BHS	Borehole Status	OPEN	
BS	Bit Size	7.875	IN
BSAL	Borehole Salinity	11000.00	PPM
BSCO	Borehole Salinity Correction Option	NO	
CCCC	Casing & Cement Thickness Correction Option	NO	
CSIZ	Current Casing Size	9.625	IN
CWEI	Casing Weight	24.00	LB/F
DFD	Drilling Fluid Density	8.60	LB/G
DHC	Density Hole Correction	BS	
DORL	Depth Offset Repeat Analysis	0.0	FT
FSAL	Formation Salinity	-50000	PPM
FSCO	Formation Salinity Correction Option	NO	
GCSE	Generalized Calliper Selection	HCAL	
GDEV	Average Angular Deviation of Borehole from Normal	0	DEG
GGRD	Geothermal Gradient	0.01	DF/F
HSCM	HILT Speed Correction Mode	TSCD_SPEED_CORRECTION	
HSCO	Hole Size Correction Option	YES	
HSTI	STI Uses HILT Acceleration	YES	
MATR	Rock Matrix for Neutron Porosity Corrections	LIMESTONE	
MCCO	Mud Cake Correction Option	NO	
MCOR	Mud Correction	NATU	
MST	Mud Sample Temperature	82.00	DEGF
MWCO	Mud Weight Correction Option	NO	
NAAC	HRDD APS Activation Correction	OFF	
NMT	HILT Nuclear Mud Type	NOBARITE	
NPRM	HRDD Processing Mode	StdRes	
NSAR	HRDD Depth Sampling Rate	1	IN



NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON
Governor
Jennifer A. Salisbury
Cabinet Secretary

Lori Wrotenbery
Director
Oil Conservation Division

OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

RE: Proposed:

MC	_____
DHC	_____
NSL	_____
NSP	_____
SWD	_____
WFX	<u> X </u>
PMX	_____

Gentlemen:

I have examined the application for the:

<u>Arch Petroleum Inc</u>	<u>W Dollarhide Devonian Ut</u>	<u># 122-L</u>
Operator	Lease & Well No. Unit	S-T-R
		<u>33-243-38e</u>
		<u>30-025-34903</u>

and my recommendations are as follows:

OK

Yours very truly,

Chris Williams
Supervisor, District 1

BILL F. HALEPESKA

Petroleum Engineer
Texas #58052
P. O. Box 80064
915/694-5945

Geologist
Cert. #2941
Midland, Texas 79708

December 08, 2000

To: Offset Leasehold Operators and Surface Owner
(See Attached List)

Re: West Dollarhide Devonian Unit Project, NM MI
Lea County, New Mexico
Application for Administrative Approval to
Inject into the WDDU No. 122 Well, located
2225' FSL & 875' FWL of Sec. 33, T-24S, R-38E

Gentlemen:

Arch Petroleum has applied to the New Mexico Oil Conservation Division for Administrative Approval to inject into the captioned well.

A copy of the Form C-108 submitted by Arch to the Division is enclosed.

If you object to and/or request that a hearing be held pertaining to this Application, you must notify the Division within fifteen (15) days from the date of Arch's Application.

If you have any questions, please contact the undersigned or Mr. Richard Wright.

Very truly yours,



Bill F. Halepeska, P.E.
Agent

Enclosure

Attached to Notification Letter dated December 8, 2000, regarding Arch's Application for Administrative Approval to inject into the WDDU No. 122 Well

Saga Petroleum, LLC
415 West Wall, Suite 1900
Midland, Texas 79701

Texaco, Inc.
500 North Loraine
Midland, Texas 79701
Attention: Mr. Mike Mullins

New Mexico State Land Office
P. O. Box 1148
Santa Fe, New Mexico 87504-1148
Attention: Mr. Joe Lopez/Commercial Resources

Mr. George Willis
P.O. Box 307
Jal, New Mexico 88252

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MR. GEORGE WILLIS
P. O. BOX 307
JNL, NEW MEXICO 88252

B. Date of Delivery

12-11-00

C. Signature

X *George Willis*

☐ Agent
☐ Addressee

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes
☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise

2. Article

PS Form

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SAGA PETROLEUM, LLC
415 WEST WALL, SUITE 1900
MIDLAND, TEXAS 79701

C. Signature

X *[Signature]*

☐ Agent
☐ Addressee

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes
☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise

2. Article

PS Form

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

TEXACO, INC.
500 NORTH LORRAINE
MIDLAND, TX 79701

Date of Delivery

12/11/00

C. Signature

X *Brian Relana*

☐ Agent
☐ Addressee

D. Is delivery address different from item 1?

If YES, enter delivery address below:

☐ Yes
☐ No

3. Service Type

☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

CERTIFIED MAIL RECEIPT

(Domestic Mail Only - Not for International Mail)

ARTICLE 1148
NEW MEXICO STATE LAND OFFICE

Postage

\$

1.25

UNIT 19: 0708

Certified Fee

\$

1.40

Return Receipt Fee
(Endorsement Required)

\$

1.25

Restricted Delivery Fee
(Endorsement Required)

\$

3.00

Total Postage & Fees

\$

3.00

Postmark
Clerk: KCRP

12/08/00

Name (Please Print Clearly) (To be completed by mailer)

NEW MEXICO STATE LAND OFFICE

Street, Apt. No.; or P.O. Box No.

P. O. BOX 1148

City, State, ZIP+4

SANTA FE, NEW MEXICO 87504-1148

Return Receipt

102505-99-M-1789

7094 3220 0000 5156 5145 1245

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

MR. GEORGE WILLIS
 P. O. BOX 307
 JNL, NEW MEXICO 88252

B. Date of Delivery

12-11-00

C. Signature

X *George Willis*

- ☐ Agent
☐ Addressee
☐ Yes
☐ No

D. Is delivery address different from item 1?
 If YES, enter delivery address below:

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise

2. Article

PS Form

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SAGA PETROLEUM, LLC
 415 WEST HILL, SUITE 1900
 MIDLAND, TEXAS 79701

C. Signature

X *[Signature]*

D. Is delivery address different from item 1?
 If YES, enter delivery address below:

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise

2. Article

PS Form

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
 ■ Print your name and address on the reverse so that we can return the card to you.
 ■ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

TEXACO, INC.
 500 NORTH LORAIN
 MIDLAND, TX 79701

C. Signature

X *Brianne Retana*

D. Is delivery address different from item 1?
 If YES, enter delivery address below:

3. Service Type

- ☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee)

☐ Yes

CERTIFIED MAIL RECEIPT

(Domestic Mail Only - Not to be used for international mail)

Article No. 1

SANTA FE, NM 87504-1148
 NEW MEXICO STATE LAND OFFICE

Postage	\$ 1.21
Certified Fee	1.40
Return Receipt Fee (Endorsement Required)	1.25
Restricted Delivery Fee (Endorsement Required)	3.06
Total Postage & Fees	\$

UNIT ID: 0708

Postmark
 Clerk: KONGR

12/08/00

Return Receipt

102565-28-M-1789

Name (Please Print Clearly) (To be completed by mailer)

NEW MEXICO STATE LAND OFFICE

Street, Apt. No., or PO Box No.

P. O. BOX 1148

City, State, ZIP+4

SANTA FE, NEW MEXICO 87504-1148

7099 3220 0005 5196 1245

Affidavit of Publication

STATE OF NEW MEXICO)
) ss.
COUNTY OF LEA)

Joyce Clemens being first duly sworn on oath deposes and says that she is Advertising Director of **THE LOVINGTON DAILY LEADER**, a daily newspaper of general paid circulation published in the English language at Lovington, Lea County, New Mexico; that said newspaper has been so published in such county continuously and uninterruptedly for a period in excess of Twenty-six (26) consecutive weeks next prior to the first publication of the notice hereto attached as hereinafter shown; and that said newspaper is in all things duly qualified to publish legal notices within the meaning of Chapter 167 of the 1937 Session Laws of the State of New Mexico.

That the notice which is hereto attached, entitled

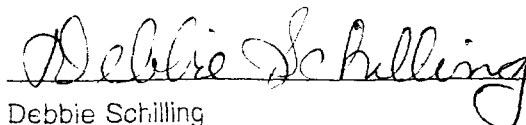
Legal Notice

was published in a regular and entire issue of **THE LOVINGTON DAILY LEADER** and not in any supplement thereof, for one (1) day, beginning with the issue of December 8, 2000 and ending with the issue of December 8, 2000.

And that the cost of publishing said notice is the sum of \$ 21.48 which sum has been (Paid) as Court Costs.



Subscribed and sworn to before me this 8th day of December 2000



Debbie Schilling

Notary Public, Lea County, New Mexico

My Commission Expires June 22, 2002

Legal Notice
PUBLIC NOTICE
APPLICATION FOR
AUTHORIZATION TO
INJECT SALTWATER
ARCH PETROLEUM,
P.O. Box 10340, Midland,
Texas 79702 (Contact -
Richard L. Wright at
915/685-8100) has
applied to the New Mexico
Oil Conservation Division
for Administrative
Approval for Authorization
to inject saltwater into its
WDDU No. 122 well,
located 2225' FSL & 875'
FWL of Section 33, T-24-
S, R-38-E, Lea County,
New Mexico. The purpose
of such well will be for

pressure maintenance by
injection of saltwater pro-
duced from Arch's nearby
wells. The injection inter-
val will be in the Devonian
Formation between 7783'
and 7920' beneath the
surface, with an expected
maximum injection rate of
1000 BWPD and an
expected maximum injection
pressure of 2000 psi.

Any interested parties
must file objections or
requests for a hearing
with the New Mexico Oil
Conservation Division,
P.O. Box 2088, Santa Fe,
New Mexico 87504-2088
within fifteen (15) days

from the date of Arch's
Application.
Published in the
Lovington Daily Leader
December 8, 2000.