MARTIN YATES, III
1912 - 1985
FRANK W. YATES
1936 - 1986

YATES PETROLEUM CORPORATION

105 SOUTH FOURTH STREET
ARTESIA, NEW MEXICO 88210
TELEPHONE (505) 748-1471

July 26, 1996

Michael Stogner
State of New Mexico
OIL CONSERVATION DIVISION
2040 S. Pacheco Str.
Santa Fe, NM 87505-5472

Dear Mr. Stogner,

Attached for your review is Form C-107 Application for Multiple Completion (with attachments) for the Sand Tank "APS" Fed. Com #1 located in Unit N, Sec. 12, T18S, R29E, Eddy County.

The captioned well is currently completed in the Morrow from 11,120-11,163' and is flowing approximately 2500 MCFD, 10 BCPD, 2 BWPD. Our intention is to produce the Strawn from 10,326-10,484' up the tubing and produce the Morrow up the tubing/casing annulus via a crossover packer arrangement.

Please call me at (505)748-4198 if you have any questions.

Sincerely,

Darrick Stallings
Engineer

DS/sj

Attachments

DISTRICT I
P.O.Box 1980, Hobbs, NM 88241-1980
DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719
DISTRICT III
1000 Rio Brazos Rd, Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

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

Form C-107
Revised 4-1-91

Filing Instructions
Bottom of Page

APPLICATION FOR MULTIPLE COMPLETION

Operator		Address	
Yates Petroleum Corp.		105 S. 4th St. Artesia, NM 88210	
Lease	**Well No.**	**Unit Ltr. - Sec - Twp - Rge**	**County**
Sand Tank APS Fed. Com	1	N 12 - 18S - 29E	Eddy

All applicants for multiple completion must complete Items 1 and 2 below.

1. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Sand Tank Strawn		Sand Tank Morrow
b. Top and Bottom of Pay Section (Perforations)	10326-10484'		11120-11163'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing
e. Daily Production ☐ Actual ☐ Estimated Oil Bbls. Gas MCF Water Bbls.	Estimated: 285 MCFD 70 BCPD 5 BWPD		Actual: 2500 MCFD 10 BCPD 2 BWPD

2. The following must be attached:
   a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
   b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applican'ts lease.
   c. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be sumbitted as provided by Rule 112-AA.

OPERATOR:

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

Signature D. Stallings

Printed Name & Title Darrick Stallings, Engineer

Date 7/26/96 Telephone 505-748-4198

OIL CONSERVATION DIVISION

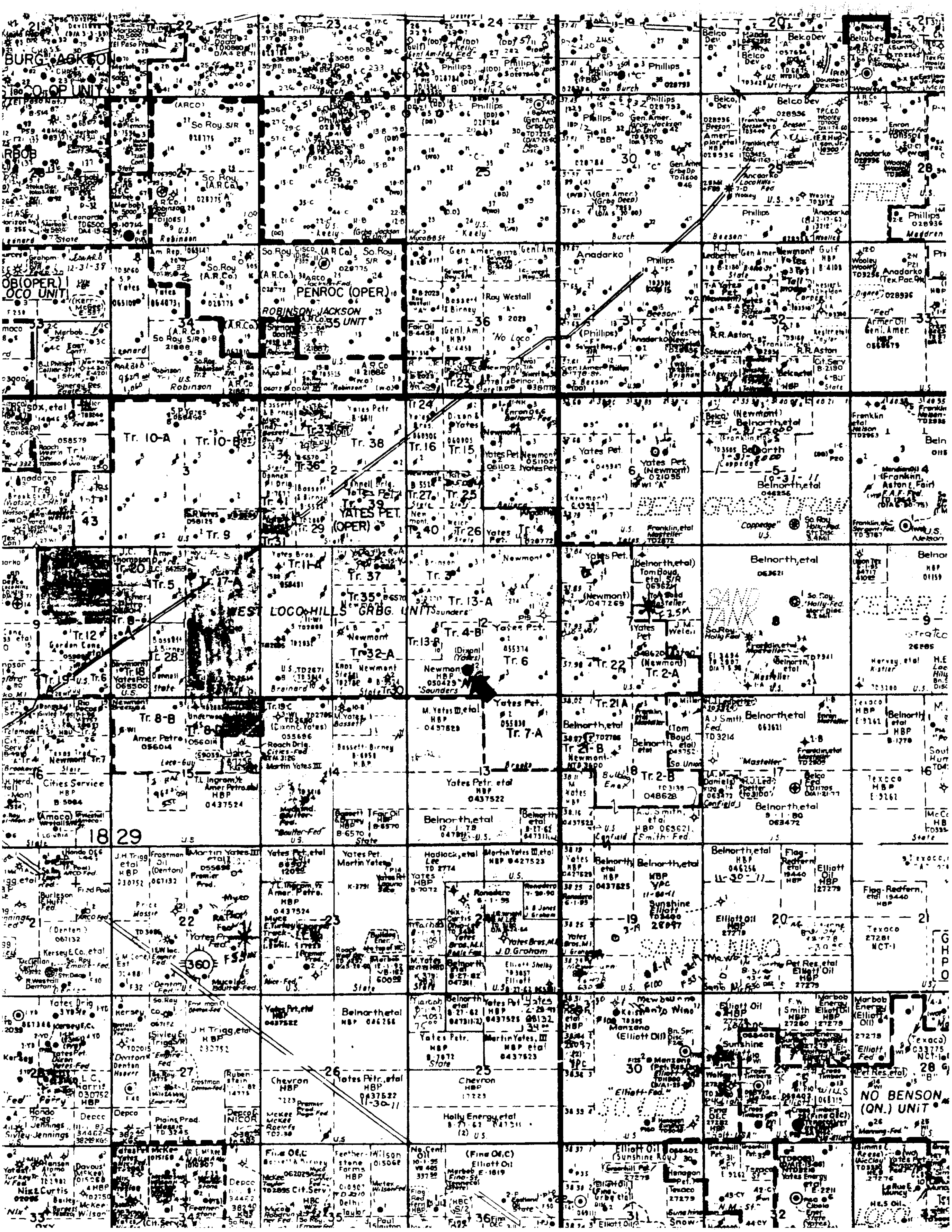
Approved by: ORIGINAL SIGNED BY TIM W. GUM DISTRICT II SUPERVISOR

Title:

Date: AUG 21 1996

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application

FILING INSTRUCTIONS:
1) District Approval -- See rule 112-A-B -- Submit 4 copies of Form C- 107 with attachments to appropriate district office.
2) Division Director Administrative Approval -- See Rule 112-C -- Submit 2 copies of Form C-107 with attachments to Division office in Santa Fe and 2 copies of Form C-107 with attachments to appropriate district office.
3) Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.



BURG-JACKSON
CO-OP UNIT
(El Paso Nat.)
So Roy S/R
(ARCO)
So Roy. (A.R.Co.)
A.R.Co. Robinson Fed.
Robinson
Phillips
Keely
Burch
Gen. Amer. Grbg. Jackson Dp. Unit
(Gen. Amer.) (Grbg. Deep)
Belco Dev
Beeson
Anadarko
Loco Hills 7-D Fed
Wooley
Enron
Maddren
So. Roy. (A.R.Co.)
S.P. Yates
PENROC (OPER)
ROBINSON-JACKSON 35 UNIT
Gen. Amer.
Bassett Birney
Roy Westall
No Loco
Fair Oil
Genl. Am.
HBP
Marbob
Leonard
Synergy Res.
Robinson
Ledbetter
Newmont
Yates Pet.
Gulf
R.R. Aston
Schwurich
Cit. Serv.
State
U.S.
Armer Oil
Genl. Amer.
Tr. 10-A
Tr. 10-B
Tr. 38
Tr. 16
Tr. 15
Tr. 36
Tr. 27
Tr. 25
Tr. 39
YATES PET. (OPER)
Tr. 9
Tr. 29
Tr. 40
Tr. 26
Tr. 41
Belnorth, etal
Yates Pet. (Newmont)
Coppedge
BEAR GRASS DRAW
Franklin, Aston & Fair
So. Roy. Holly-Fed.
Tr. 20
Tr. 5
Tr. 17-A
Tr. 12
Tr. 19
Tr. 18
Tr. 6
Tr. 28
Tr. 11-A
Tr. 37
Tr. 35
Tr. 3
Tr. 13-A
WEST LOCO HILLS GRBG. UNIT
Tr. 4-B
Tr. 13-B
Tr. 32-A
Tr. 30
Saunders
Brainard
Tom Boyd, etal S/R
Tr. 22
Tr. 2-A
SAND TANK
Masteller
Tr. 8-B
Amer. Petro
Cities Service
Roach Drlg.
Martin Yates III
M. Yates III, etal
Tr. 7-A
Tr. 21 A
Tr. 21-B
Tr. 2-B
T.L. Ingram ½ Amer. Petro etal
Yates Petr. etal
Belnorth, etal
A.J. Smith etal
Smith Fed.
Texaco
Boulter-Fed
J.H. Trigg etal
Frostman Oil (Denton)
Yates Pet. Martin Yates
Hadlock, etal
Ronadero
J.D. Graham
Flag-Redfern, etal
Elliott Oil
Sunshine
Kersey & Co. etal
Yates Pet. Fed.
Belnorth etal
J.H. Trigg etal
Chevron
Holly Energy, etal
Manzano (Elliott Oil)
Elliott-Fed.
Cross Timbers
NO BENSON (QN.) UNIT
Pet. Res. etal
Plains Prod.
Depco
Fina Oil & C
Feather-stone Farms
Wilson
Delhi-Taylor
Sunshine Roy
Henagan Pet.
N.M. St.
Yates Energy

WELL NAME: Sand Tank APS Fed. 1 FIELD AREA: _____

LOCATION: 990' FSL, 2145' FWL 12-18s-27e Eddy NM

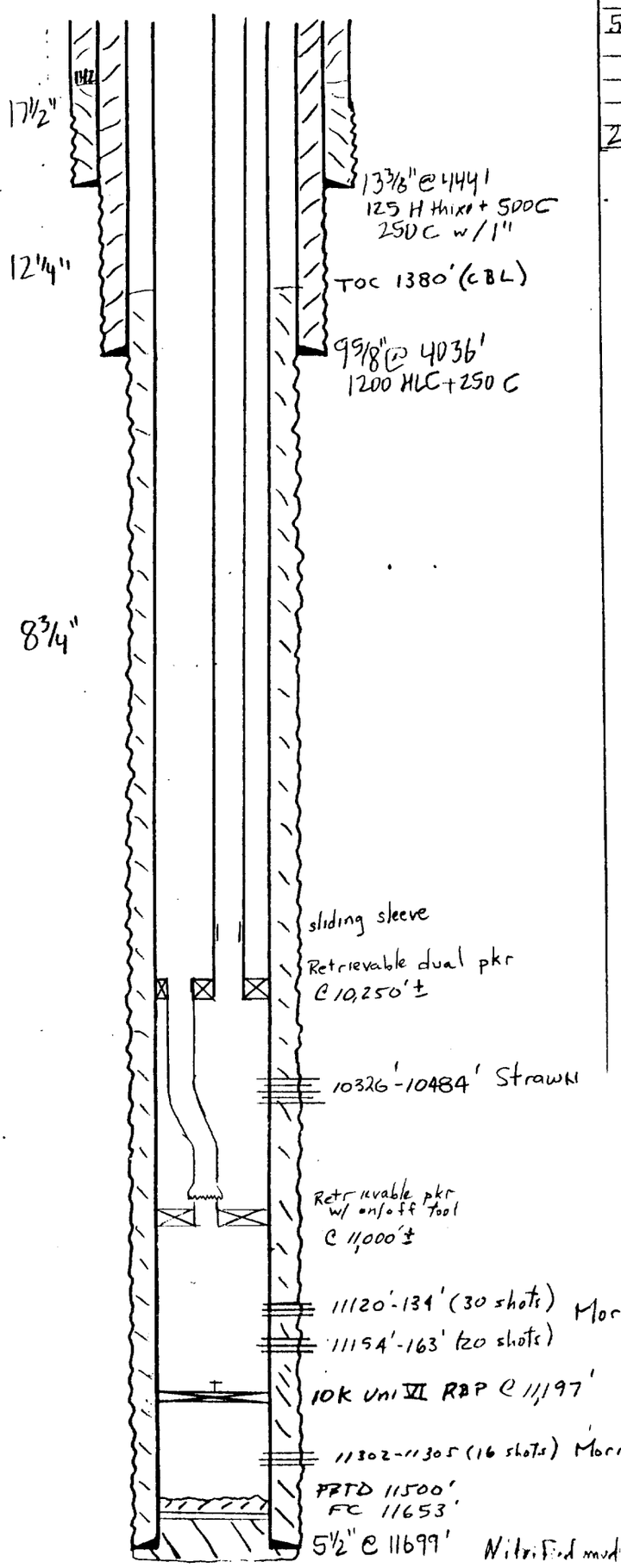
GL: 3497' ZERO: 16' AGL: _____'

KB: 3513' ORIG. DRLG./COMPL. DATE: 1/96

COMMENTS: _____

CASING PROGRAM:

SIZE/WT./GR./CONN.	DEPTH SET
13 3/8 48 H40 STC	444'
9 5/8 40 J55 STC	84'
36 J55 STC	282D'
40 J55 STC	4036'
5 1/2 17 S95 LTC	564'
17 N80 LTC	5707'
17 L80 LTC	10554'
17 S95 LTC	11699'
2 7/8 6.5 L80 EUE	



Proposed Configuration

Tops:

Yates	1,195'
Queen	2,195'
Loco Hills	3,214'
BS Lime	4,083'
3rd BS Sd	8,293'
Wolfcamp	8,680'
Strawn	10,293'
Atoka	10,547'
Morrow Clastics	11,104'
Chester	11,607'

Nitrified mud ahead. 1300 HLC + 625 Super H

- SKETCH NOT TO SCALE -

REVISED: _____

COMPANY: Yates Petroleum Corporation

WELL: Sand Tank 'APS' Federal Com # 1

FIELD: Sand Tank

COUNTY: Eddy STATE: New Mexico

Field: Sand Tank
Location: 990 FSL& 2145 FWL
Well: Sand Tank 'APS' Federal Com #
Company: Yates Petroleum Corporation

Schlumberger

Borehole Compensated Sonic

LOCATION			
990 FSL& 2145 FWL		Elev.:	K.B. 3513 F G.L. 3497 F D.F. 3512 F
Permanent Datum:	Ground Level	Elev.:	3497 F
Log Measured From:	Kelly Bushing	16.0 F	above Perm. Datum
Drilling Measured From:	Kelly Bushing		
API Serial No. 30-015-28692	SECTION 12	TOWNSHIP 18 S	RANGE 29 E

Logging Date	Januray 18.1996			
Run Number	One			
Depth Driller	11705 F			
Schlumberger Depth	11702 F			
Bottom Log Interval	11701 F			
Td g Interval	4036 F			
Casing Driller Size @ Depth	9.625 IN @ 4036 F		@	
Casing Schlumberger	4036 F			
Bit Size	8.750 IN			
Type Fluid In Hole	Drispac			
Density / Viscosity	9.4 LB/G	34 S		
Fluid Loss / PH	11 C3	10		
Source Of Sample	Circulation Tank			
RM @ Measured Temperature	0.071 OHMM @ 43 DEGF		@	
RMF @ Measured Temperature	0.071 OHMM @ 43 DEGF		@	
RMC @ Measured Temperature	@		@	
Source RMF / RMC	Measured			
RM @ MRT / RMF @ MRT	0.023 @ 150	0.023 @ 150	@	@
Maximum Recorded Temperatures	150 DEGF	150		
Circulation Stopped / Time	January 17,1996	2030		
Logger On Bottom / Time	January 18.1996	0400		
Unit Number / Location	3015	Roswell		
Recorded By	Ken Morgan/Fatih M. Kara			

	Run 1	Run 2	Run 3	Run 4

MUD				
Logging Date				
Run Number				
Depth Driller				
Schlumberger Depth				
Bottom Log Interval				
Top Log Interval				
Casing Driller Size @ Depth	@		@	
Casing Schlumberger				
Bit Size				
Type Fluid In Hole				
Density / Viscosity				
Fluid Loss / PH				
Source Of Sample				
RM @ Measured Temperature	@		@	
RMF @ Measured Temperature	@		@	
RMC @ Measured Temperature	@		@	
Source RMF / RMC				
RM @ MRT / RMF @ MRT	@	@	@	@
Maximum Recorded Temperatures				
Circulation Stopped / Time				
Logger On Bottom / Time				
Unit Number / Location				
Recorded By				

OTHER SERVICES1
OS1: DLL/MSFL/LDT/CNL/NGT

OTHER SERVICES2
OS1:

Strawn

10300

10400

10500

11000

11100

11200