

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 Amoco Production Company Address P.O. Box 800, Denver, CO 80201
Lease Thurston Com A Well No. 1E Unit Ltr. - Sec - Twp - Rge I 31-31N-R11W County San Juan

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	Blanco Mesaverde		Basin Dakota
b. Top and Bottom of Pay Section (Perforations)	4708' - 4915'		6816' - 6927'
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing	RECEIVED MAY 25 1994 OIL CON. DIV. DIST. 3	Flowing
e. Daily Production ☐ Actual ☒ Estimated Oil Bbls. Gas MCF Water Bbls.	Oil - 1 Gas - 268 Water - 5		Oil - 1 Gas - 95 MCFD Water - 0

2. The following must be attached:
- 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.
 - 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 applicant's lease.
 - 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 submitted as provided by Rule 112-A.)

OPERATOR:

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

Signature Dallas Kalahar
Printed Name & Title Dallas Kalahar, Business Analyst
Date 5-12-94 Telephone (303) 830-5129

OIL CONSERVATION DIVISION

Approved by: ORIGINAL SIGNED BY ERNIE BUSCH

Title: DEPUTY OIL & GAS INSPECTOR, DIST. #3

Date: MAY 25 1994

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:

- District Approval -- See rule 112-A-II -- Submit 4 copies of Form C-107 with attachments to appropriate district office.
- 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.
- Multiple completions not qualifying for District or Division Director approval may be set for hearing as outlined in Rule 112-A-E.

ENGINEERING CHART

Appn

Date

By

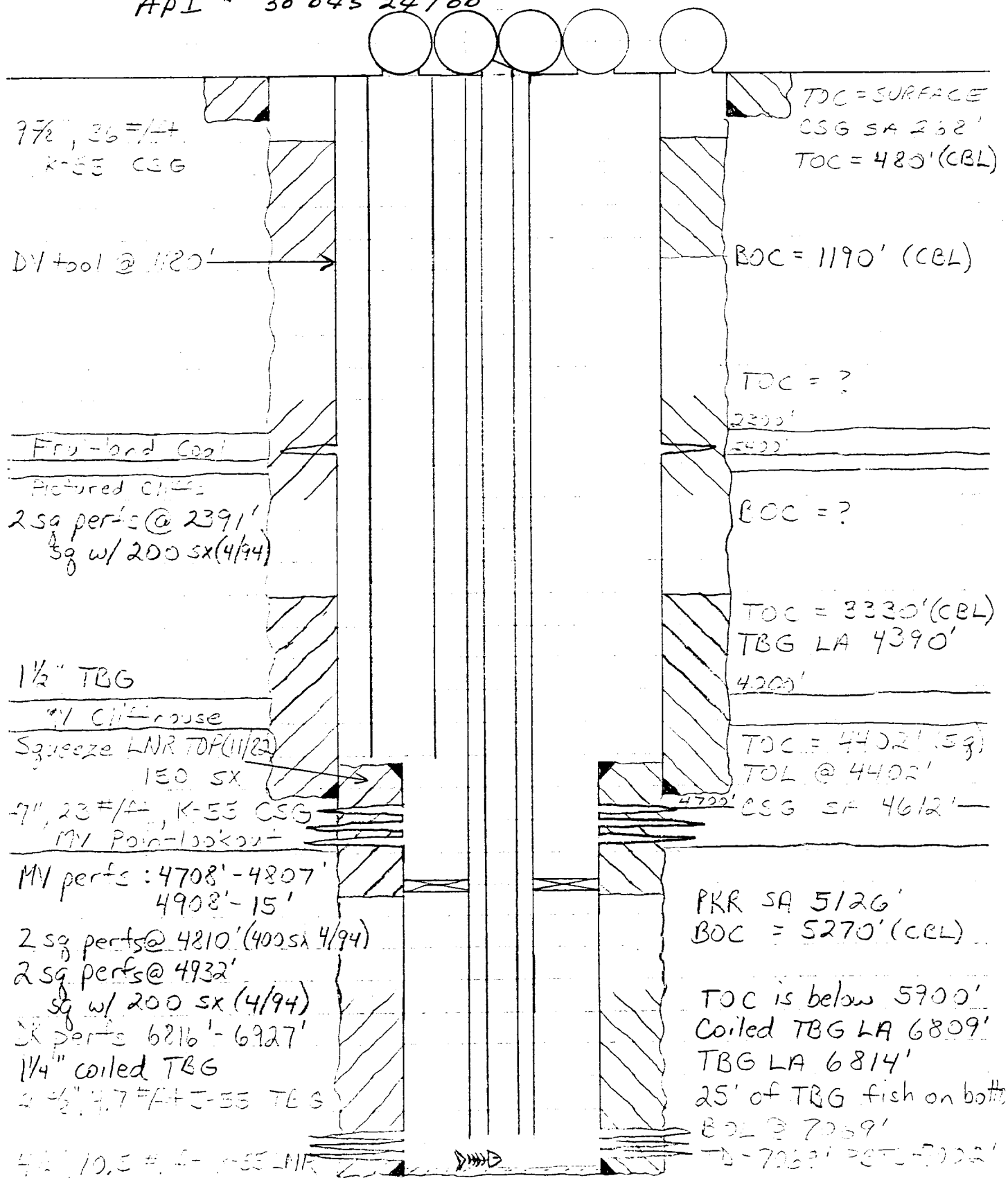
SUBJECT

Thurston Com A 1E

LOCATION I SECT 31-T31N-R11W

SAN JUAN COUNTY, New MEXICO

API # 30 045 24700



DUAL INDUCTION LATEROLOG

FILING NO.		COMPANY <u>Tenneco Oil Co.</u>	
WELL <u>Thurston Com A #1E</u>		FIELD <u>Dakota</u>	
COUNTY <u>San Juan</u>		STATE <u>N.M.</u>	
LOCATION <u>JOHN E. COO - 3</u>		OTHER SERVICES	
1840 FSL 1100 FEL		CDL/GR	
SEC <u>31</u>	TWP <u>31 N</u>	RGE <u>11 W</u>	
PERMANENT DATUM <u>GL</u>		<u>5920'</u>	
LOG MEASURED FROM <u>KR</u>		<u>5931</u>	
DEPT. MEASURED FROM <u>KR</u>		<u>5910</u>	
DATE <u>10-20-82</u>			
RUN NO. <u>ONE</u>			
DEPTH DEPTH <u>7067'</u>			
DEPTH LOGGED <u>7040'</u>			
BOTTOM LOGGED INTERVAL <u>7033'</u>			
TOP LOGGED INTERVAL <u>4612'</u>			
CASING CHLOR <u>7" @ 4607'</u>			
CASING LOGGED <u>4612'</u>			
BIT SIZE <u>6 1/4</u>			
TYPE FLUID IN HOLE <u>Gas</u>			
DENSITY AND VISCOSITY <u>---</u>			
PH AND FLUID LOSS <u>---</u>			
SOURCE OF SAMPLE <u>---</u>			
RM @ MEAS TEMP <u>---</u>			
RM @ MEAS TEMP <u>---</u>			
RM @ MEAS TEMP <u>---</u>			
SOURCE OF RM1 AND RM2 <u>---</u>			
RM @ BHT <u>---</u>			
END CIRCULATION <u>11:30</u>			
LOGGED ON BOTTOM <u>15:00</u>			
MAX REC TEMP DEG F <u>188</u>			
EQUIP NO. AND LOCATION <u>7607 Farm</u>			

Changes in Mud Type or Additional Samples				Scale Changes								
Sample No	Type Log	Depth	Scale Up Hole	Scale Down Hole								
with Driller												
Fluid in Hole												
Visc.												
Fluid Loss	cc	cc										
Weight of Sample			EQUIPMENT DATA									
Core Meas. Temp.	@	°F	@	°F	DUAL INDUCTION				GAMMA RAY			
Log Meas. Temp.	@	°F	@	°F	Run No	Tool No	Tool Type	Tool Position	S O	Tool No	Tool Type	Tool Location
Core Meas. Temp.	@	°F	@	°F	ONE	5244	Oval	Free	1/2"	3073	Dewar	Free
Core Ref. Ring												
Core BHT	@	°F	@	°F								
Core BHT	@	°F	@	°F								
Core BHT	@	°F	@	°F								
CALIBRATION DATA												
Run No	LL	LL	ILD	ILD	ILD	ILM	ILM	ILM	K	B	GAMMA RAY	
	2 Ohm/m	500 ohm/m	Loop Cal.	Int. Cal.	Tool Zero	Loop Cal.	Int. Cal.	Tool Zero			BKG	SID.
1E	9.0	2503	408.1	653	-5.3	436.1	752	-5.04	1.00	1.85	120	470

MARKS: Mixture of oil & water in the bottom 100'

NOTICE: 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, be held liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by one of our officers, agents or employees. These interpretations are also subject to our General Terms and Conditions, as set out in our current Price Schedule.

GEARHART INDUSTRIES, INC.

	DEPTH	RESISTIVITY	CONDUCTIVITY
		ohms - m ² /m	1000 millimhos/m ohms m ² /m
GAMMA RAY API UNITS			DEEP INDUCTION
0	200		200

