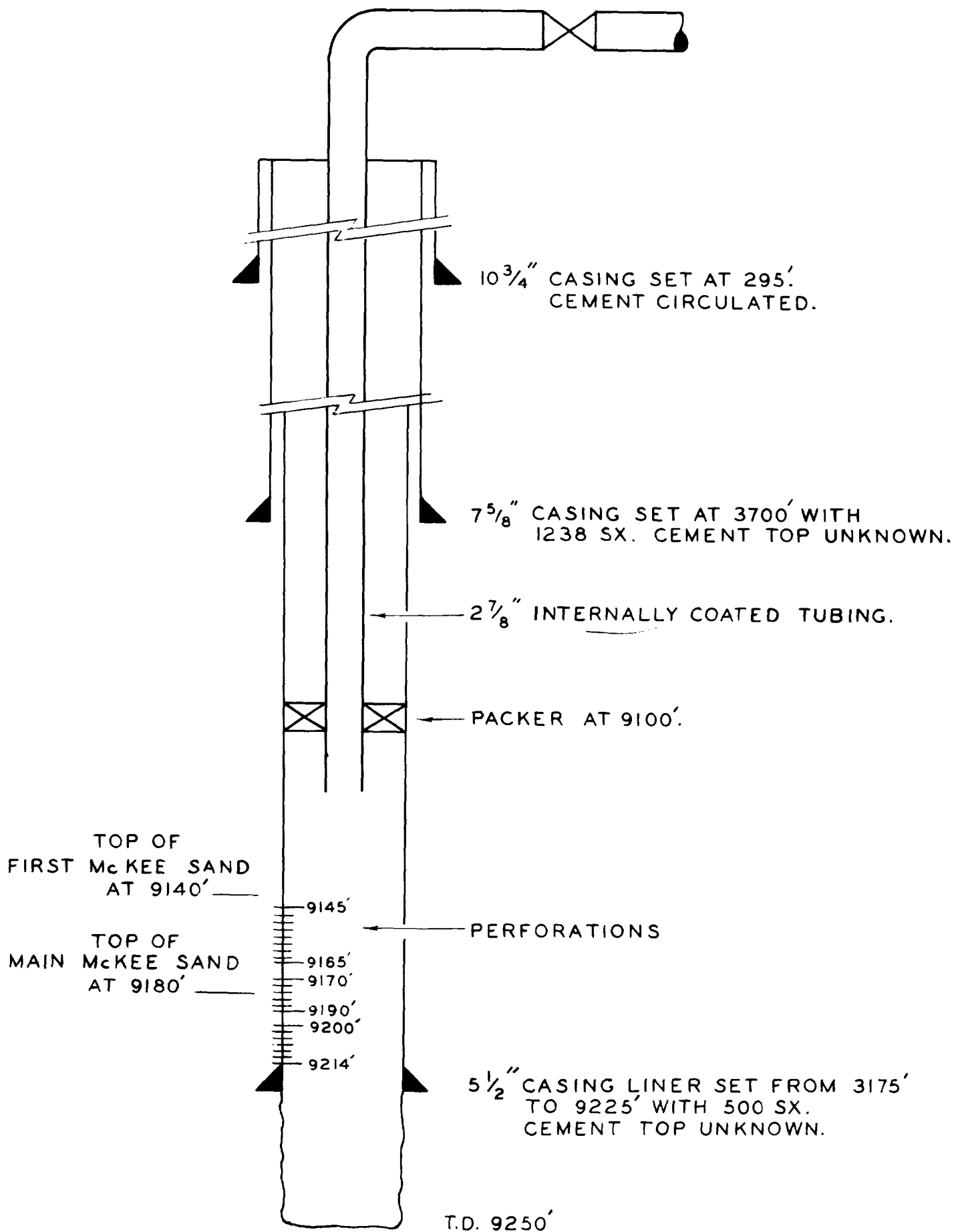


WARREN McKEE UNIT LEA CO., NEW MEXICO

DIAGRAMATIC SKETCH OF INJECTION WELL NO. 102



AMERADA PETROLEUM CORP

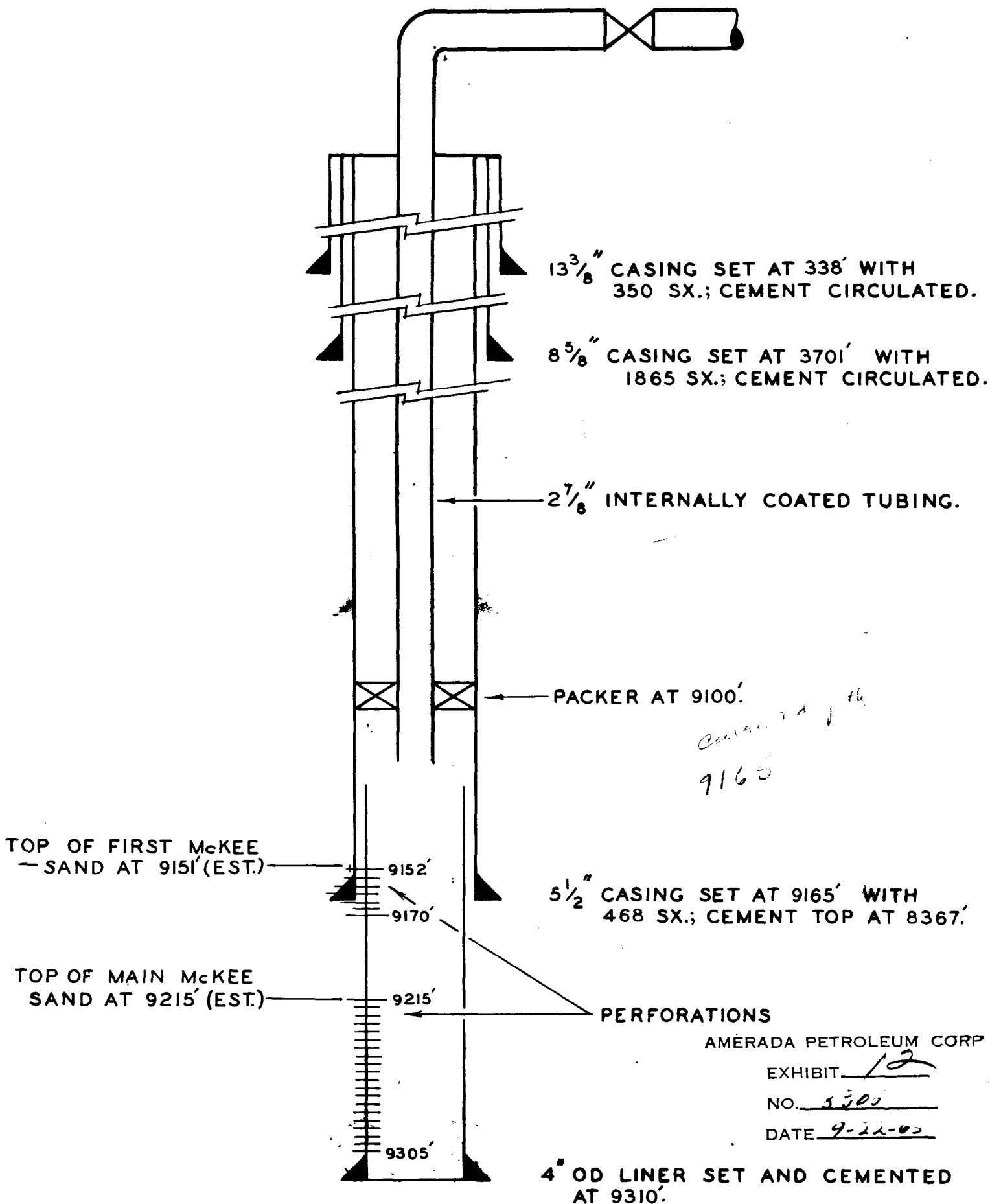
EXHIBIT 11

NO. 3505

DATE 9-22-65

WARREN McKEE UNIT LEA CO., NEW MEXICO

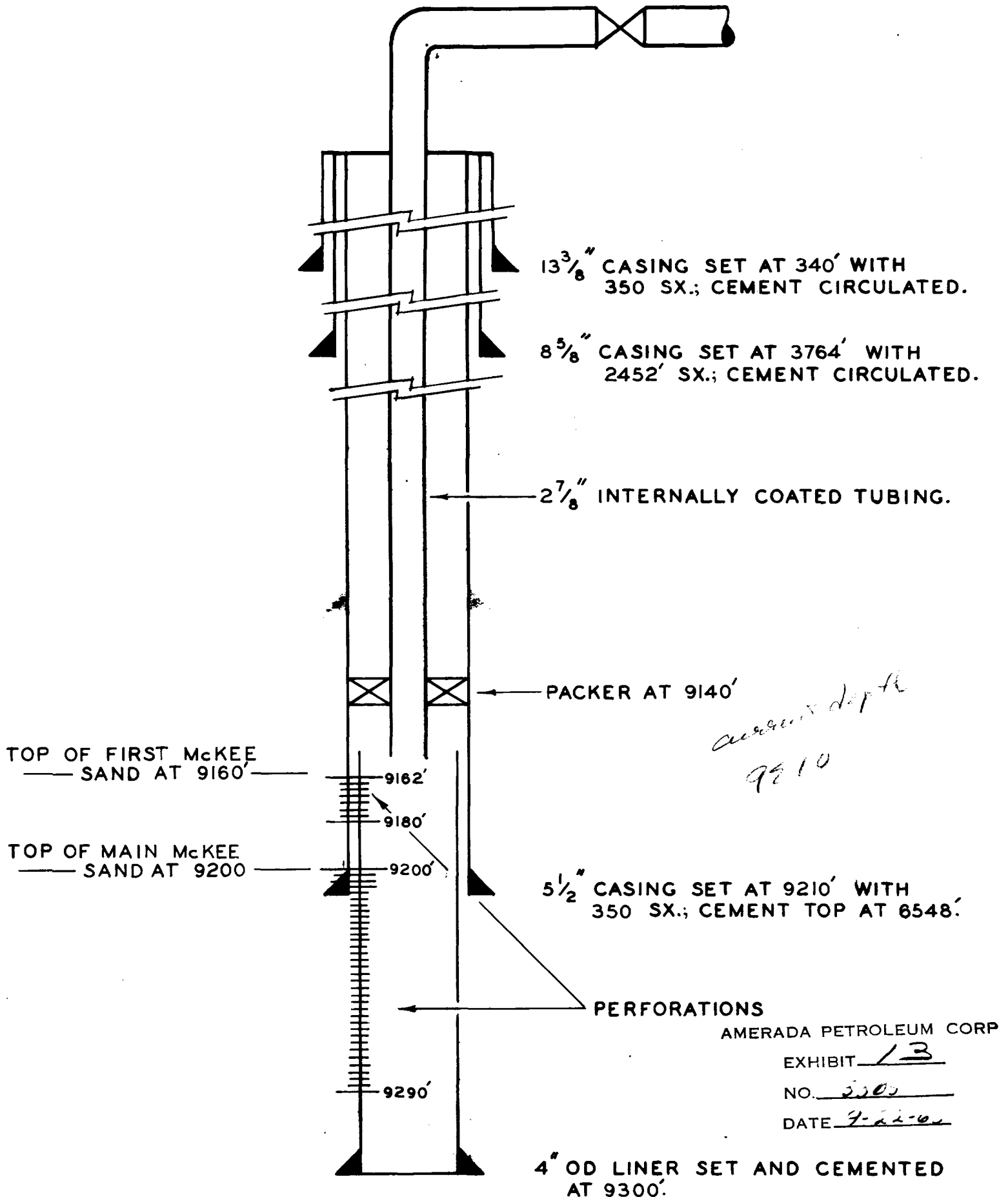
DIAGRAMATIC SKETCH OF INJECTION WELL NO. 201



THIS WELL CURRENTLY HAS 5¹/₂" CASING SET AT 9165'. IT IS COMPLETED THROUGH OPEN HOLE TO TOTAL DEPTH OF 9220'. IT IS ANTICIPATED THAT IT WILL BE DEEPEMED AND COMPLETED AS SHOWN ABOVE.

WARREN McKEE UNIT LEA CO., NEW MEXICO

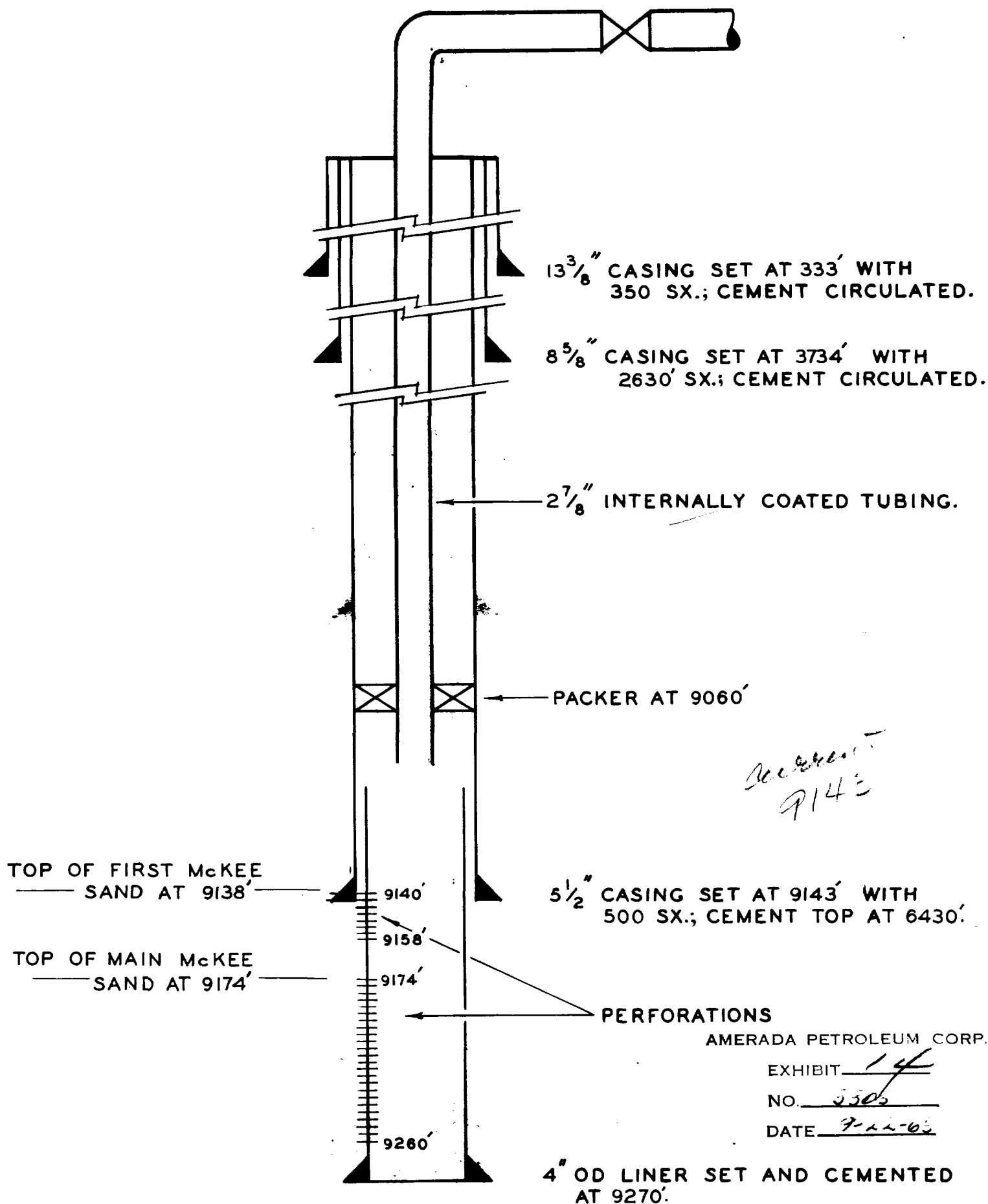
DIAGRAMATIC SKETCH OF INJECTION WELL NO. 202



THIS WELL CURRENTLY HAS 5¹/₂" CASING SET AT 9210'. IT IS COMPLETED THROUGH PERFORATIONS 9160'-9175' AND 9185'-9201'. IT IS ANTICIPATED THAT IT WILL BE DEEPEMED AND COMPLETED AS SHOWN ABOVE.

WARREN McKEE UNIT LEA CO., NEW MEXICO

DIAGRAMATIC SKETCH OF INJECTION WELL NO. 203



THIS WELL CURRENTLY HAS 5¹/₂" CASING SET AT 9143'. IT IS COMPLETED THROUGH OPEN HOLE 9143-9174'. IT IS ANTICIPATED THAT IT WILL BE DEEPEINED AND COMPLETED AS SHOWN ABOVE.

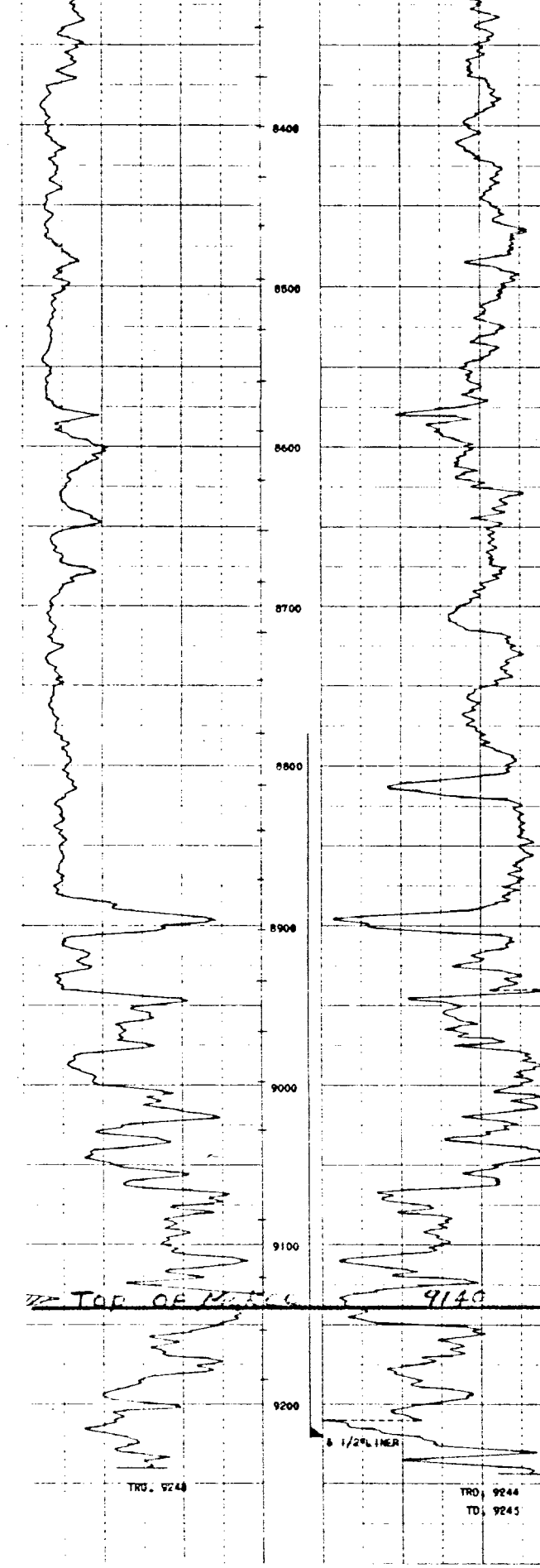
SIMULTANEOUS LOG

NATURAL GAMMA RADIATION INDUCED NEUTRON RADIATION

LOCATION 1650' FSL 330' FSL SEC. 8 T208, R30E	COMPANY DEAN & AGRICULTURAL ASSN., INC. WELL STOVALL #2 Unit Well No. 102 PIED NORTH WARREN HOLE COUNTY LEA TOWNSHIP 2000 R. 3 E S. 1 E	LOG NO. 4228
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LOG MEASURED FROM 1' ABOVE ROTARY TABLE	ELEVATION
DRILLING MEASURED FROM SAME	ELEVATION
PERMANENT DATUM 9,201' ABOVE GRINDING LEVEL	REVISION
TYPE OF LOG GALVANIC	NO. NEUTRON
RUN NUMBER 1	
RATE 100-120	100-120
TOTAL DEPTH, FEET 9,245	9,245
DEPTH OF LOGGING INTERVAL 100	100
DEPTH OF LOGGING INTERVAL 0-100	0-100
TYPE FLUID IN HOLE WATER	WATER
WELL LEVEL 200	200
MEASURING DEPTH TEMP 3 5/8	3 5/8
TIME CONSTANT - SECONDS 8	8
LOGGING SPEED - FEET MINUTE 15-60	15-60
STATISTICAL VARIATION - INCHES	
RECORDED BY YOUNG	
WITNESSED BY BROWN	

CASING RECORD				OPEN HOLE RECORD			
SIZE IN.	WT. LB.	INTERVAL	TO	SIZE IN.	WT. LB.	INTERVAL	TO
ONE	10 3/4	SURFACE	225	4 3/4	9221	9245	
ONE	7 5/8	SURFACE	3750				
ONE	5 1/2	LINER	3584				



AMERADA PETROLEUM CORP.

EXHIBIT 7

NO. 2360

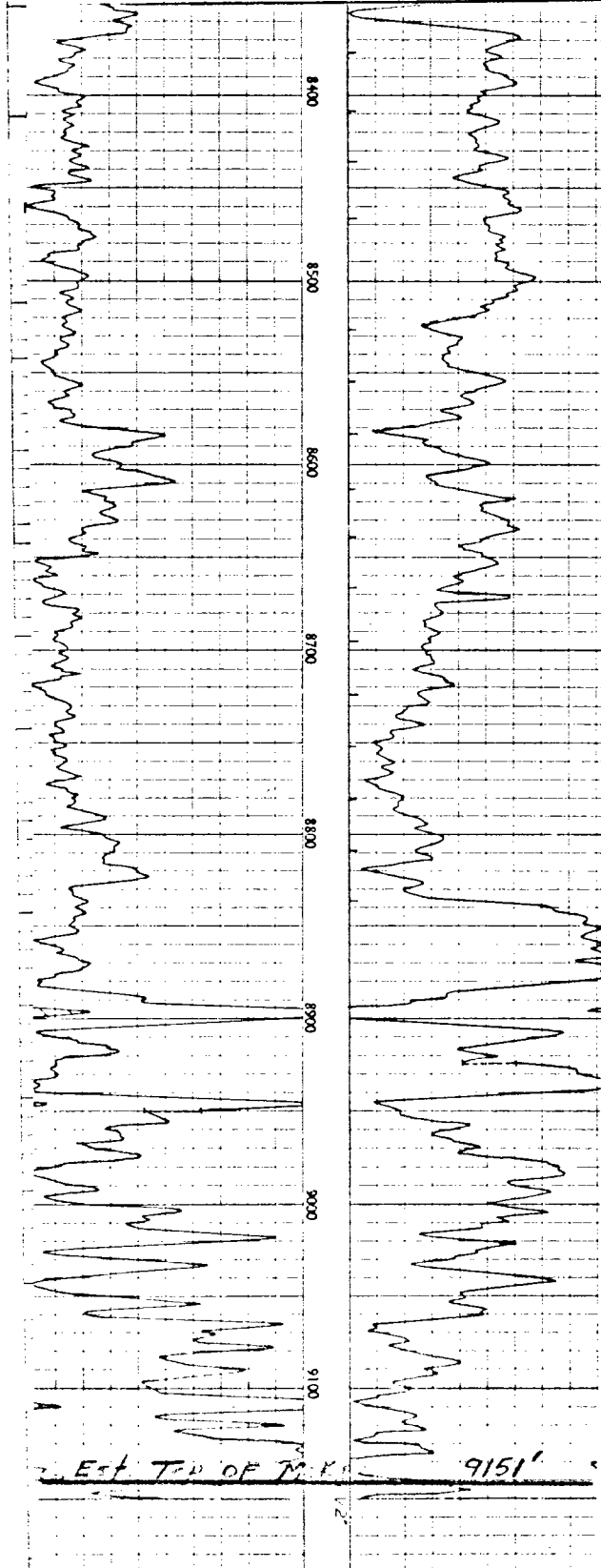
DATE 1-11-60

RADIOACTIVITY LOG COMPANY LANE WELLS

Location of Well	COMPANY: CITIES SERVICE OIL COMPANY		WELL: HYERS NO. 1	FIELD: WARREN MCKEE	COUNTY: LEA	STATE: N. M.
	WELL: HYERS NO. 1 Unit Well					
	FIELD: WARREN-MCKEE No. 201					
	COUNTY: LEA STATE N. M.					
	LOCATION: CENTER OF NE-3E - 0P					
3580' D.P.	SECTION 7 - 20S - 32E					
LOG MEAS FROM KELLY DRIVE BUSHING		ELEV 3582'				
DRUG MEAS FROM KELLY DRIVE BUSHING		ELEV 3582'				
PERM DATUM GROUND LEVEL		ELEV 3568.7'				

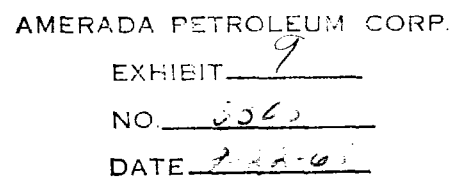
TYPE OF LOG	GAMMA RAY	NEUTRON		
RUN NO	1-NW	1-NW		
DATE	8-27-52	8-27-52		
TOTAL DEPTH (DRILLER) STRAIN	9165'	9165'		
EFFECTIVE DEPTH (DRILLER)	9165'	9165'		
TOP OF LOGGED INTERVAL	SURFACE	SURFACE		
BOTTOM OF LOGGED INTERVAL	9160'	9160'		
TYPE OF FLUID IN HOLE	MUD	MUD		
FLUID LEVEL		464'		
MAXIMUM RECORDED TEMP.		600H		
NEUTRON SOURCE STRENGTH & TYPE		8.25		
SOURCE SPACING - IN.		9		
LENGTH OF MEASURING DEVICE - IN.	36	3 5/8		
O.D. OF INSTRUMENT - IN.	3 5/8	3 5/8		
TIME CONSTANT - SECONDS	4.0	2.5		
LOGGING SPEED FT. MIN.	30-70	30-70		
STATISTICAL VARIATION - IN.				
RECORDED BY	274	275		
WITNESSED BY	SCHLOTTERBACK	DICKY		

CASING RECORD					
RUN NO.	BIT SIZE	CASING WT.-LB.	FROM WELL RECORD	FROM R/A LOG	
1	17	13 3/8	SURF. TO 345'	SURF. TO 342'	
1	11	8 5/8	SURF. TO 3700'	SURF. TO 3699'	
1	7 7/8	5 1/2	SURF. TO 9164'	SURF. TO 9162'	
			TO	TO	



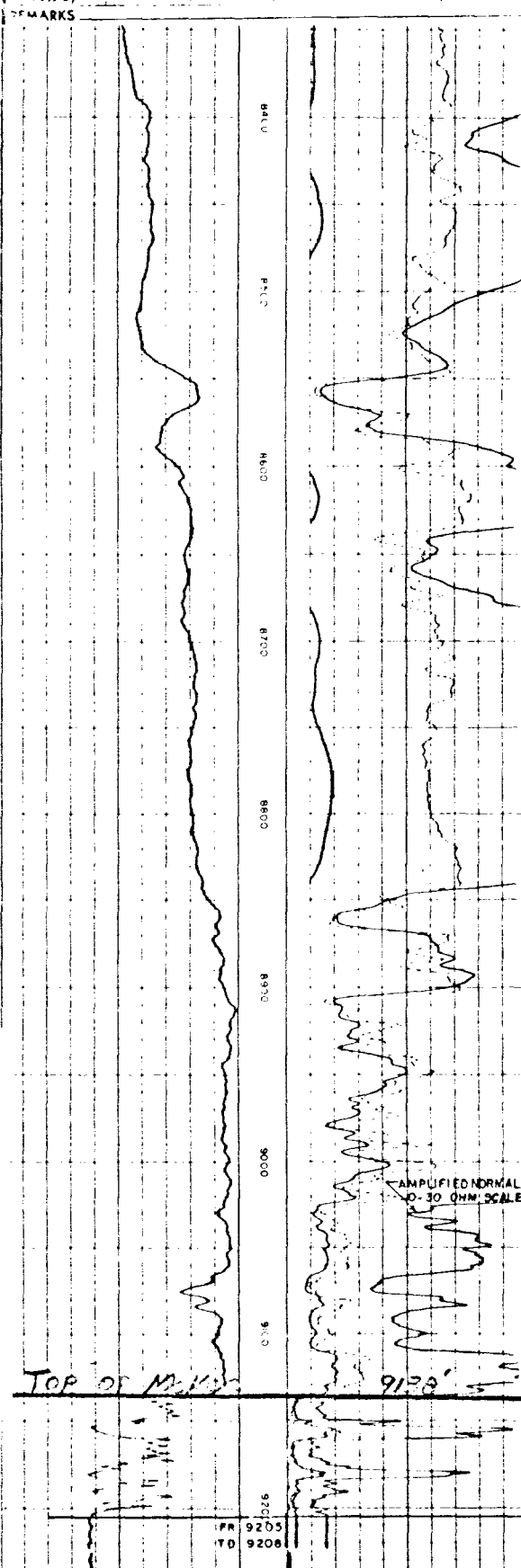
AMERADA PETROLEUM CORP.
 EXHIBIT 8
 NO. 3362
 DATE 1-2-63

RUN No.									
Date	12-22-52								
First Reading	9205								
Last Reading	3164								
Feet Measured	5441								
Log. Schum.	3164								
Log. Driller	3164								
Depth Reached	2608								
Bottom Driller	2610								
Depth Datum	1	Abv. RT-12.3'	Abv. GL						
Mud Nat.	Caustic-Udr.								
Density	8.8								
Viscosity									
Resist.	58650	°F	°C	°F	°C	°F	°C	°F	°C
Res. BHT	85	°F	°C	°F	°C	°F	°C	°F	°C
pH	9	°F	°C	°F	°C	°F	°C	°F	°C
Wtr. Loss	8	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Aox. Temp. °F	144								
Size	7 7/8"								
pgs. - AM	38"								
A	LS								
AO	12'								
Jpr. Rg Time	5 Hrs.								
Sub Min	1:60-Hokbs								
Assigned By	Scott								
Checked By	Ficker								



COUNTY LEA FIELD WAFFEN-MCKEE WELL WYERS # 3 COMPANY CITILS SERV. OIL	COMPANY CITILS SERV. OIL		Location of Well
	COMPANY		3630' f NL
	WELL WYERS # 3		2970' f EL
	UNIT Well No 203		Sec. 7-20S-38E
FIELD WAFFEN-MCKEE		ES	
LOCATION SEC. 7-20S-38E		Elevation: D.F. 3577	
COUNTY LEA		K.B. _____	
STATE NEW MEXICO		or G.L. _____	
		FILING No. _____	

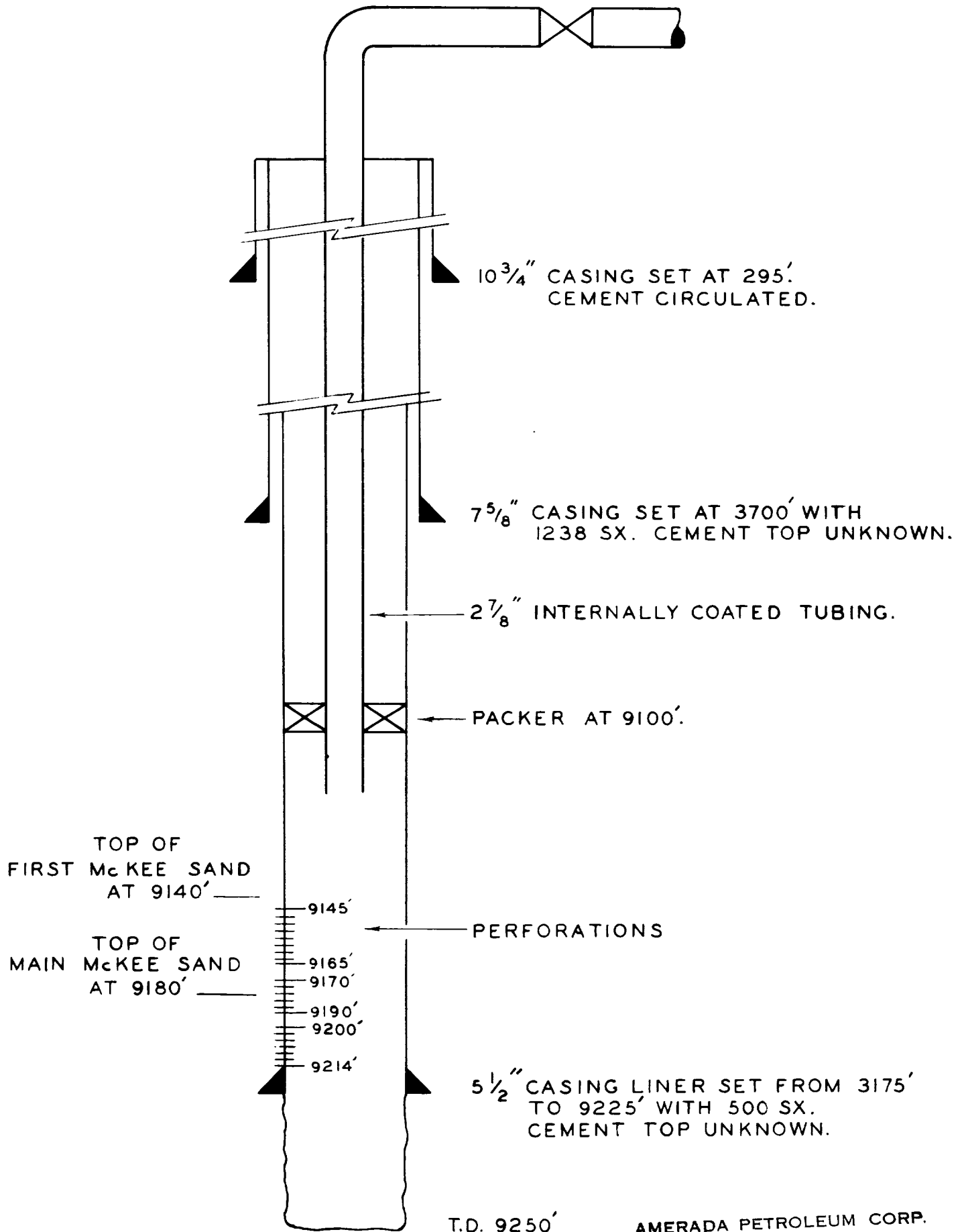
RUN No.	4-1-53								
Date	4-1-53								
First Reading	3205								
Last Reading	3135								
Feet Measured	5410								
Csg. Schium	3135								
Csg. Driller	3134								
Depth Reached	3208								
Bottom Driller	3210								
Depth Datum	RDU-1' Adv. RT								
Mud Not.	GC-chemicals								
Density	8.6								
Viscosity	52								
Resist.	1.4 @ 70 F.	@	F.	@	F.	@	F.	@	F.
Res. BHID	68 @ 145 F.	@	F.	@	F.	@	F.	@	F.
pH	11.0								
Wtr. Loss	1.4 CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.	CC 30 min.
Max. Temp.	145								
Bit Size	7 1/8" - 2 1/4" - TD								
Spgrs. - AM	32" LS								
AO	19'								
Opr. Rig Time	2 Hrs.								
Truck No.	1762-HC115								
Recorded By	_____								
Witness By	_____								



AMERADA PETROLEUM CORP.
EXHIBIT 1/3
NO. 5567
DATE 7-2-63

WARREN McKEE UNIT LEA CO., NEW MEXICO

DIAGRAMATIC SKETCH OF INJECTION WELL NO. 102



AMERADA PETROLEUM CORP.

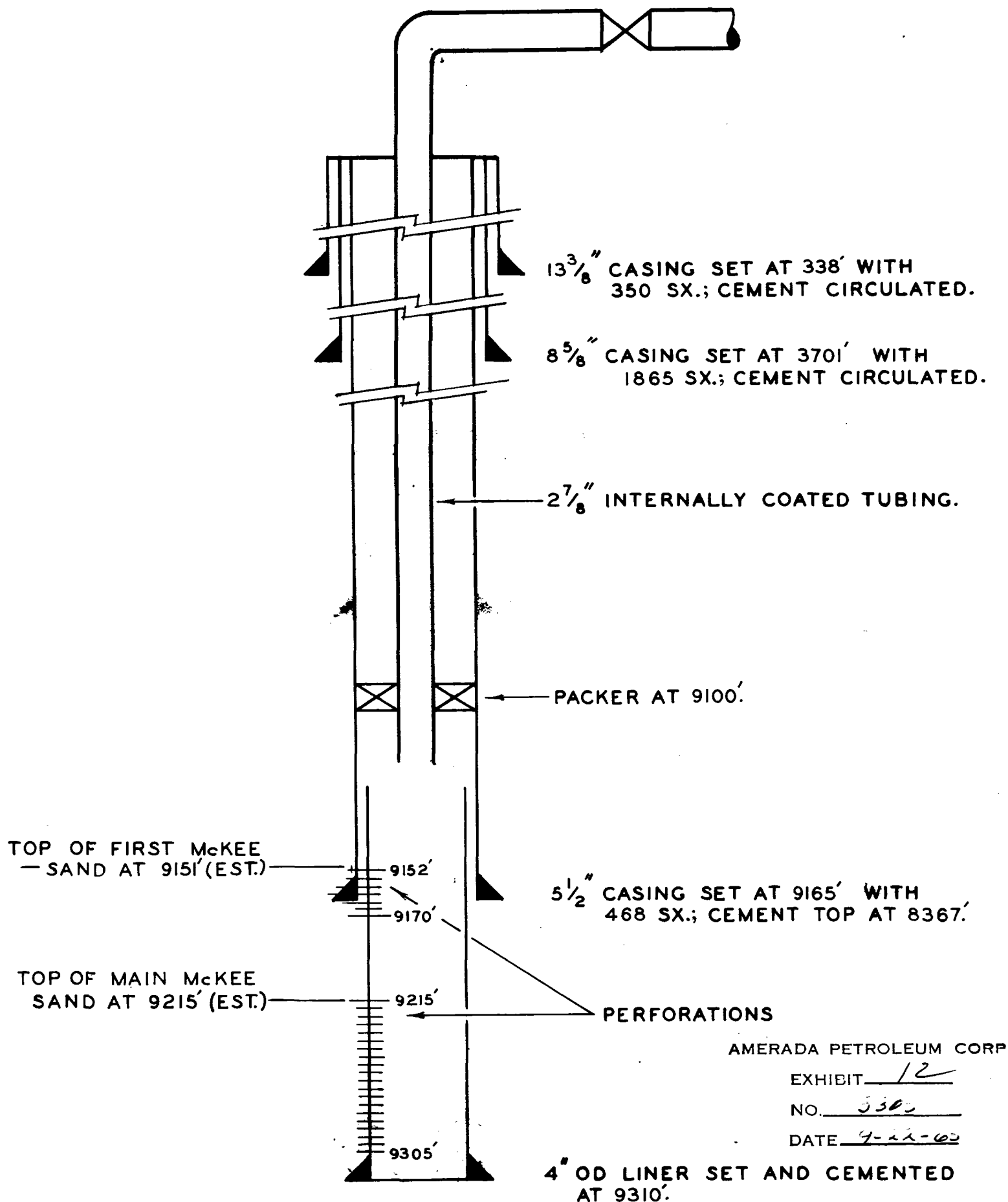
EXHIBIT 11

NO. 5305

DATE 9-22-65

WARREN McKEE UNIT LEA CO., NEW MEXICO

DIAGRAMATIC SKETCH OF INJECTION WELL NO. 201

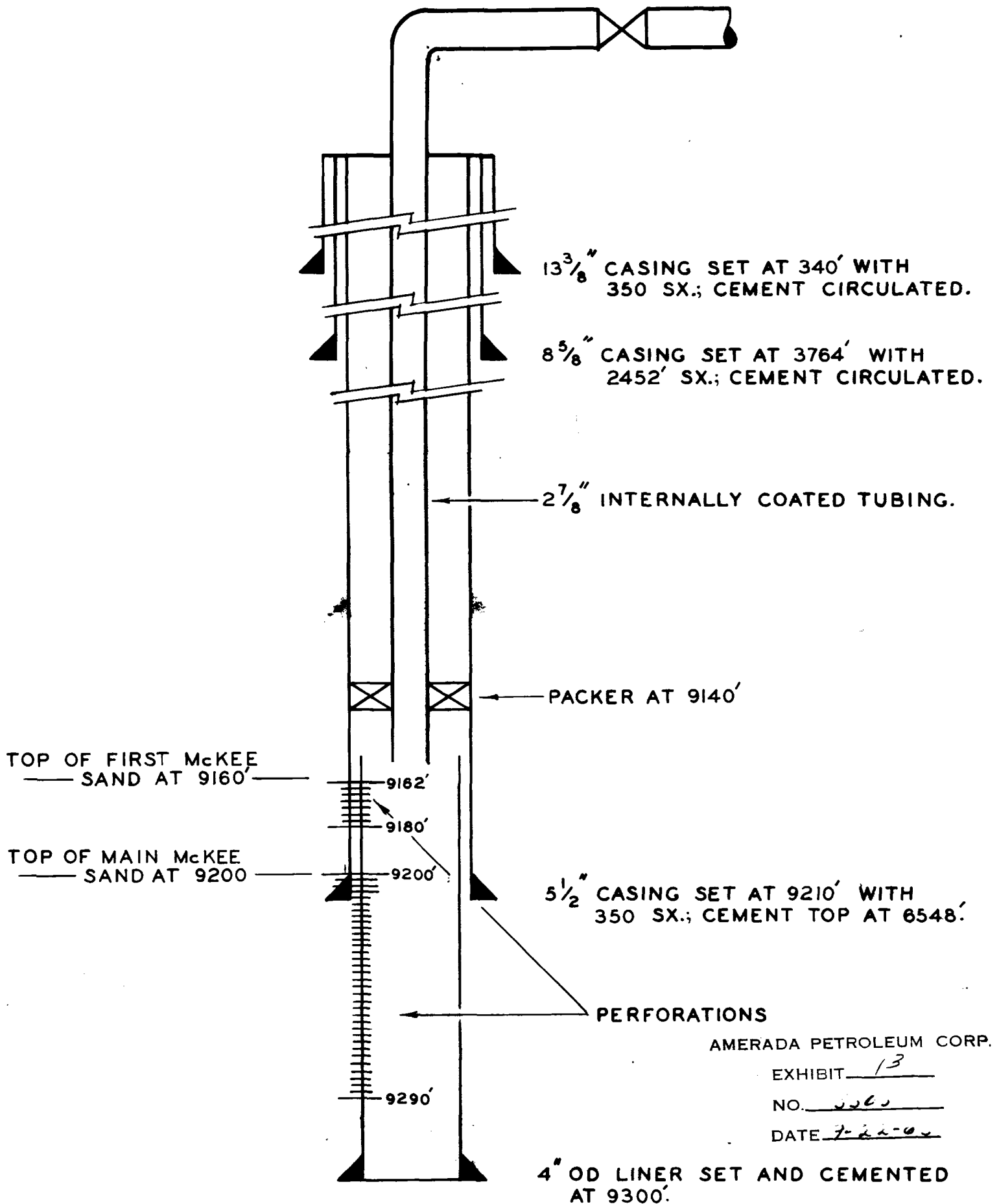


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WARREN McKEE UNIT LEA CO., NEW MEXICO

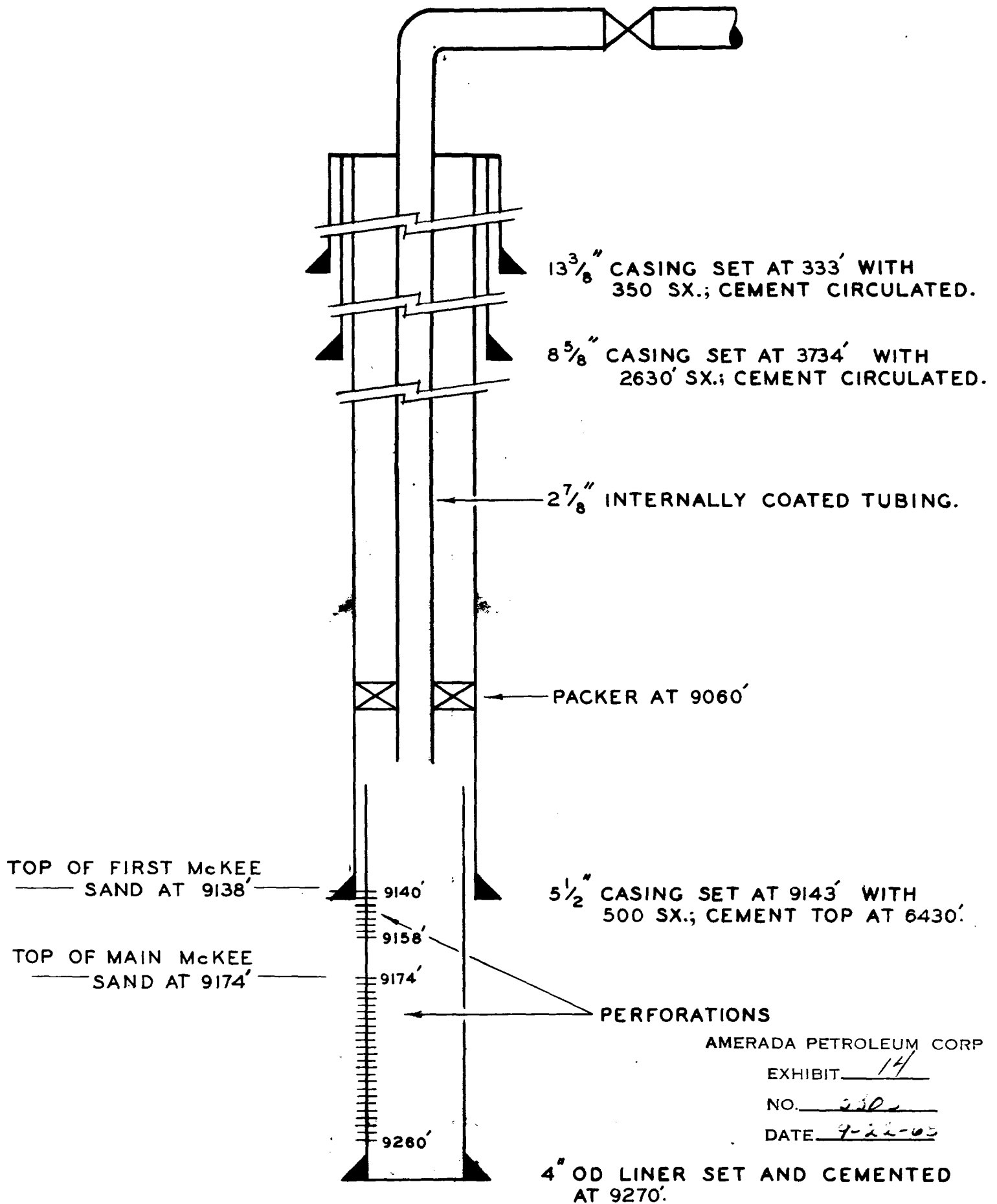
DIAGRAMATIC SKETCH OF INJECTION WELL NO. 202



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WARREN McKEE UNIT LEA CO., NEW MEXICO

DIAGRAMATIC SKETCH OF INJECTION WELL NO. 203



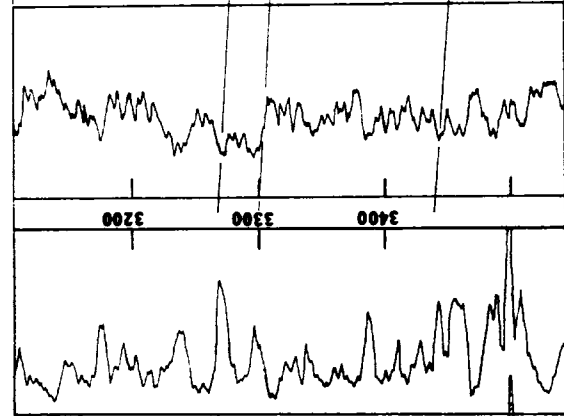
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CROSS SECTION OF EUMONT GAS ZONE

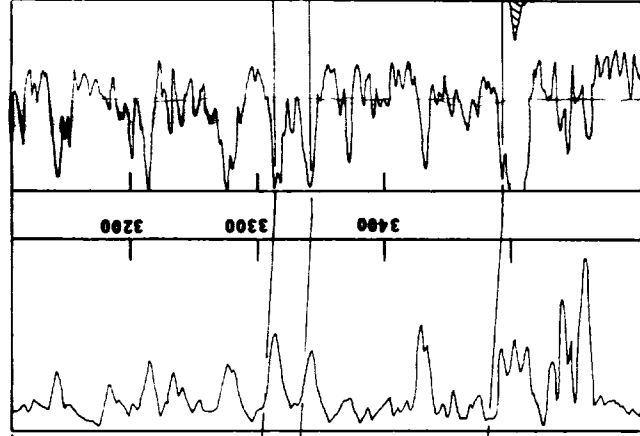
GAMMA RAY - NEUTRON LOGS

W

CONTINENTAL
SEMU 66



CONTINENTAL
SEMU 46

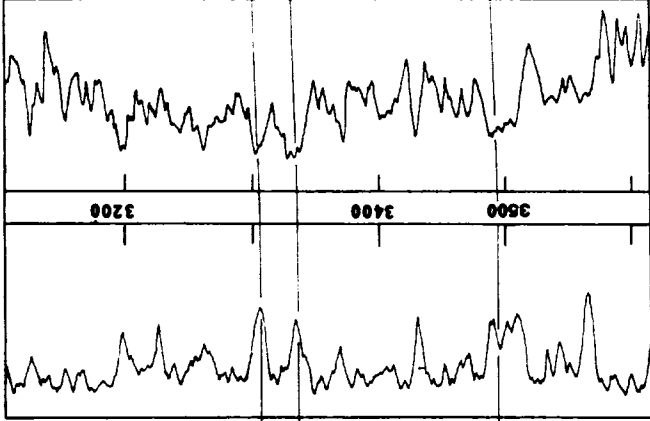


+ 450'

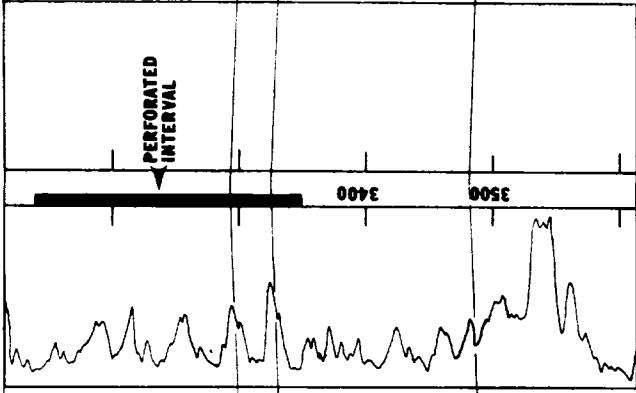
2ND SEVEN RIVERS SAND

TOP QUEEN

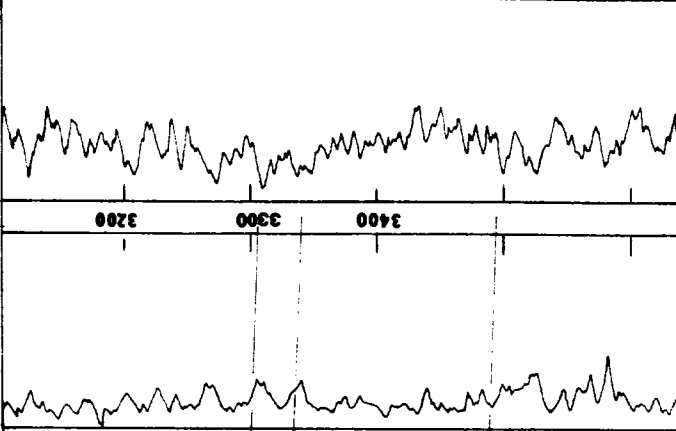
CONTINENTAL
SEMU 41



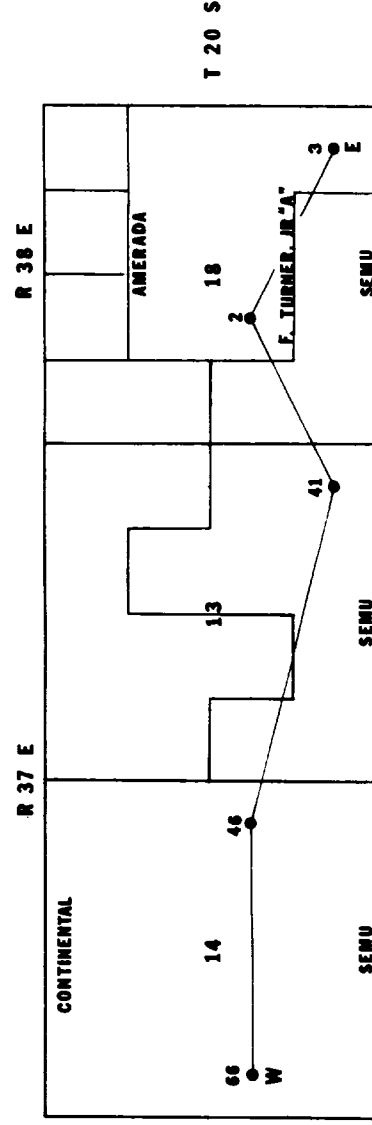
AMERADA
F. TURNER, JR "A" 2



AMERADA
F. TURNER, JR "A" 3



LOCATION PLAT



BEFORE EXAMINER NUTTER

OIL CONSERVATION COMMISSION

EXHIBIT NO. 2

CASE NO. 206