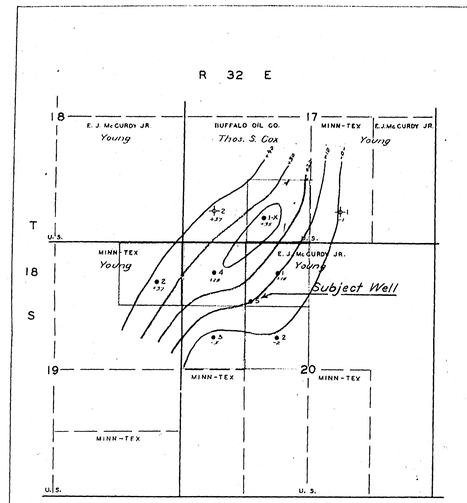
CASE No.

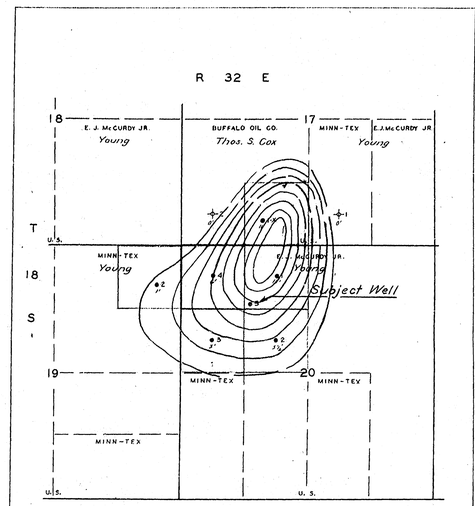
205

Large Exhibits
OCD



YOUNG POOL
CONTOURED ON TOP OF QUEEN
LEA COUNTY, NEW MEXICO. SCALE: 1"= 1000'
DATE: JAN. 15, 1950. PREPARED BY: R.L.GRAY

LEGEND
- ●1 PRODUCING WELL
- ⊗1 DRILLING WELL
- +1 DRY & ABANDONED
- 40 ACRE PRORATION UNIT



YOUNG POOL
PAY THICKNESS
LEA COUNTY, NEW MEXICO. SCALE: 1"= 1000'
DATE: JAN. 15, 1950. PREPARED BY: R.L.GRAY

LEGEND
- ●1 PRODUCING WELL
- ⊗1 DRILLING WELL
- +1 DRY & ABANDONED
- 40 ACRE PRORATION UNIT

INDEX TO "FIVE SPOT" CASES, BASED ON
ORDERS OF THE OIL CONSERVATION COMMISSION OF NEW MEXICO

Order No.	Case No.	Date of Order	Applicant	Spacing Units No. of Units	Spacing Units Acreage of Units	Remarks
707	95	6-6-47	V. S. Welch	1	40	—
708	96	6-6-47	Ashcraft Un. Op	1	160	—
727	107		Barney Cockburn	1	160	—
735	112	11-12-47	Graybung Oil Co.	1	160	—
741	119	4-9-48	(D. S. Suppes D. D. Thomas Carper Drilling Co. Texas Trading Co.	24	80	—
763	132	4-28-48	Ewanee Oil Co.	4	40	—
769	129	5-14-48	(Roland Rich Woolley Paton Bros. & Sargent Aston and Fair Premier Petroleum C orp.	13	80	—
770	141	5-25-48	Ewanee Oil Co.	2	40	—
791 & 802	152 & 164	11-15-48 & 11-19-48	Graybung Oil Co., (Western Production Co.	(8 3 1 1 1 1	80) 160 320) 440) 480) 640)	— —
819	180	4-25-49	American Republics Corp.	1 1 1	320) 400) 480)	— — —
821	185		Buffalo Oil Co.	1	40	—
844	201	11-22-49	Ossaiver O. & R. Co.	16	40	—
847	206	12-29-49	American RepublicsCorp.	1	40	—
846	200	12-27-49	North Drilling Co.	1	160	—
849	205	12-27-49	E. J. McCurdy	1	160	—

Area where production unitized for spacing unit. "Five Spot"

Area where production for 40-acre unit only,

Compiled Jan. 30, 1950

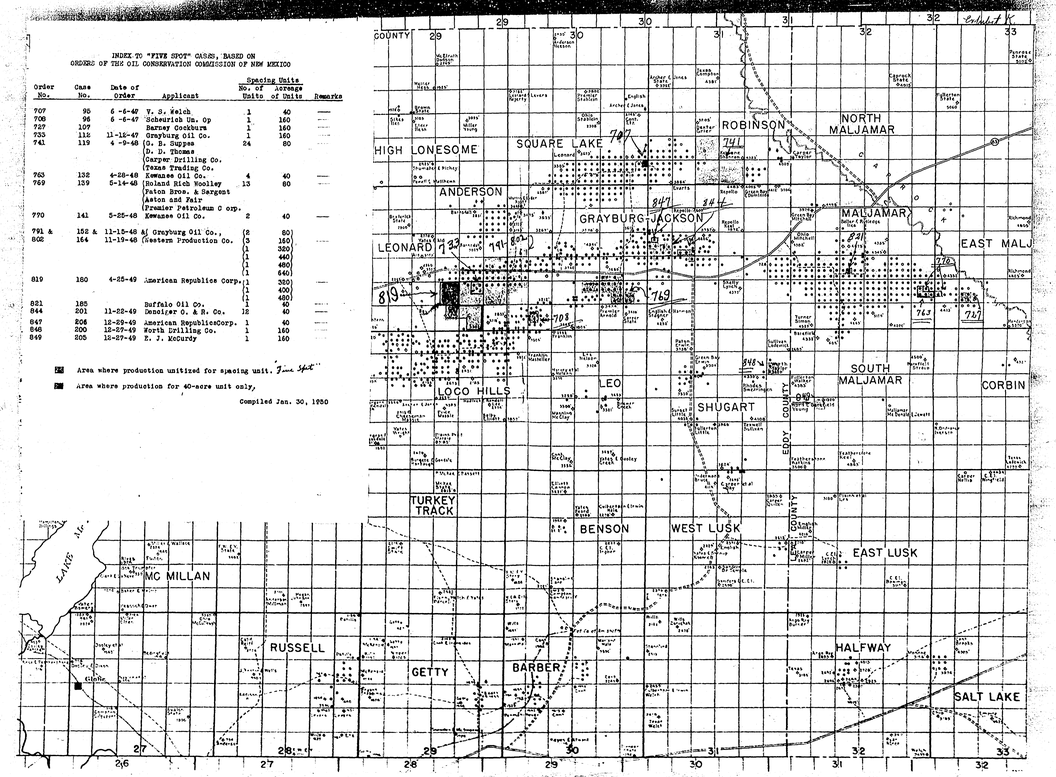


Exhibit B2

LANE WELLS RADIOACTIVITY LOG COMPANY

Location of Well

COMPANY: BUFFALO OIL CO.
WELL: THOMAS S. COX #1X FILE:
FIELD: VOTING
COUNTY: LEA STATE: N.M.
LOCATION: SE/4 OF SW/4 OF SEC. 17-18S-32E

COMPANY BUFFALO OIL CO.
WELL THOS. S. COX #1X
FIELD VOTING
COUNTY LEA STATE N.M.

LOG MEASURED FROM DERRICK FLOOR ELEVATION *
DRILLING MEASURED FROM DERRICK F. ELEVATION *
PERMANENT DATUM IS* GRADED HEAD ELEVATION *

DERRICK FLOOR IS 2' ABOVE

RUN NUMBER	1			
TYPE OF LOG	GAMMA RAY	NEUTRON		
DATE	11-15-48	11-15-48		
COMPANY DEPTH SAND LINE	3787'	3787'		
MAXIMUM DEPTH REACHED	3774.5'	3774.5'		
WELL FLUID	OIL	OIL		
FLUID LEVEL	FULL	FULL		
MAXIMUM TEMPERATURE				
O.D. OF INSTRUMENT—INCHES	3 5/8	3 5/8		
SENSITIVITY REFERENCE	274	275		
RECORDED BY	KELLY AND	LITTLE		
WITNESSED BY	GRAY	GRAY		

CASING RECORD

RUN NO.	SIZE—IN.	WT.—LB.	INTERVAL
1	8 5/8		SURFACE TO 3240'
1	7	20	SURFACE TO 3762'
			TO
			TO
			TO

OPEN HOLE RECORD

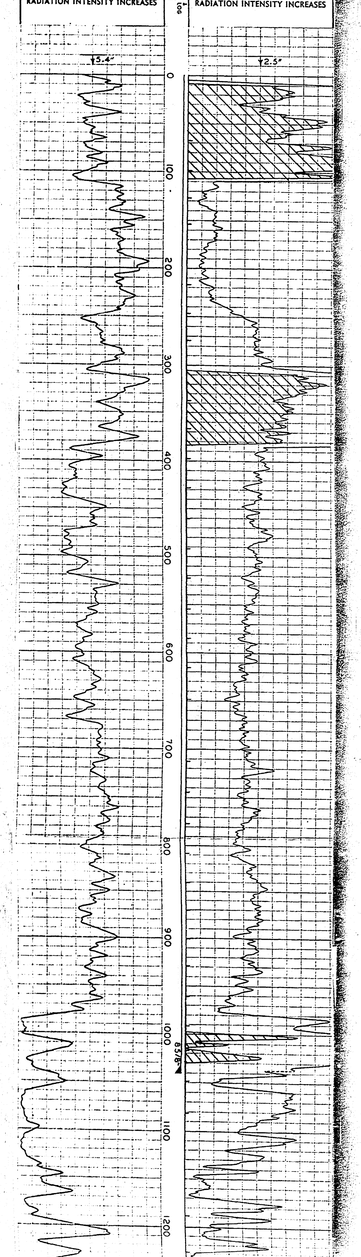
BIT SIZE—IN.	INTERVAL
6 1/4	3762' TO T.D.
	TO
	TO
	TO

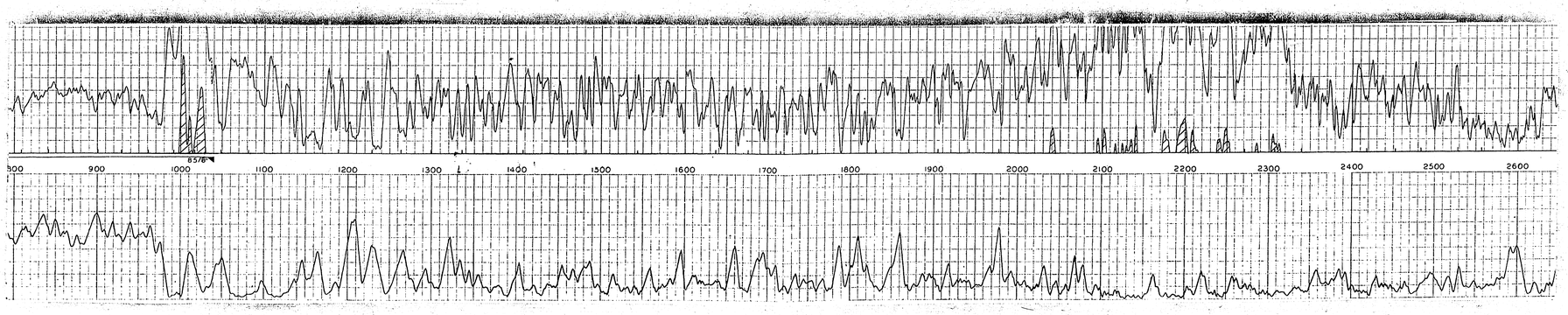
REMARKS OR OTHER DATA
* ELEVATION NOT AVAILABLE.

GAMMA RAY
RADIATION INTENSITY INCREASES

DEPTH SCALE 1:96

NEUTRON
RADIATION INTENSITY INCREASES

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2800
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3000
3100
3200
3300
3400
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3600
3700
3700
TOP OF ARTESIA RED SAND 3715'
SALT
SAND
LIMESTONE
SAND
LIMESTONE
SAND
OIL PAY
GAS PAY
3715
3757
3784
3798
R. D. 3772.5'
T. D. 3774.5'
BUFFALO OIL CO.
THOMAS ST. COM NM IX
YOUNG