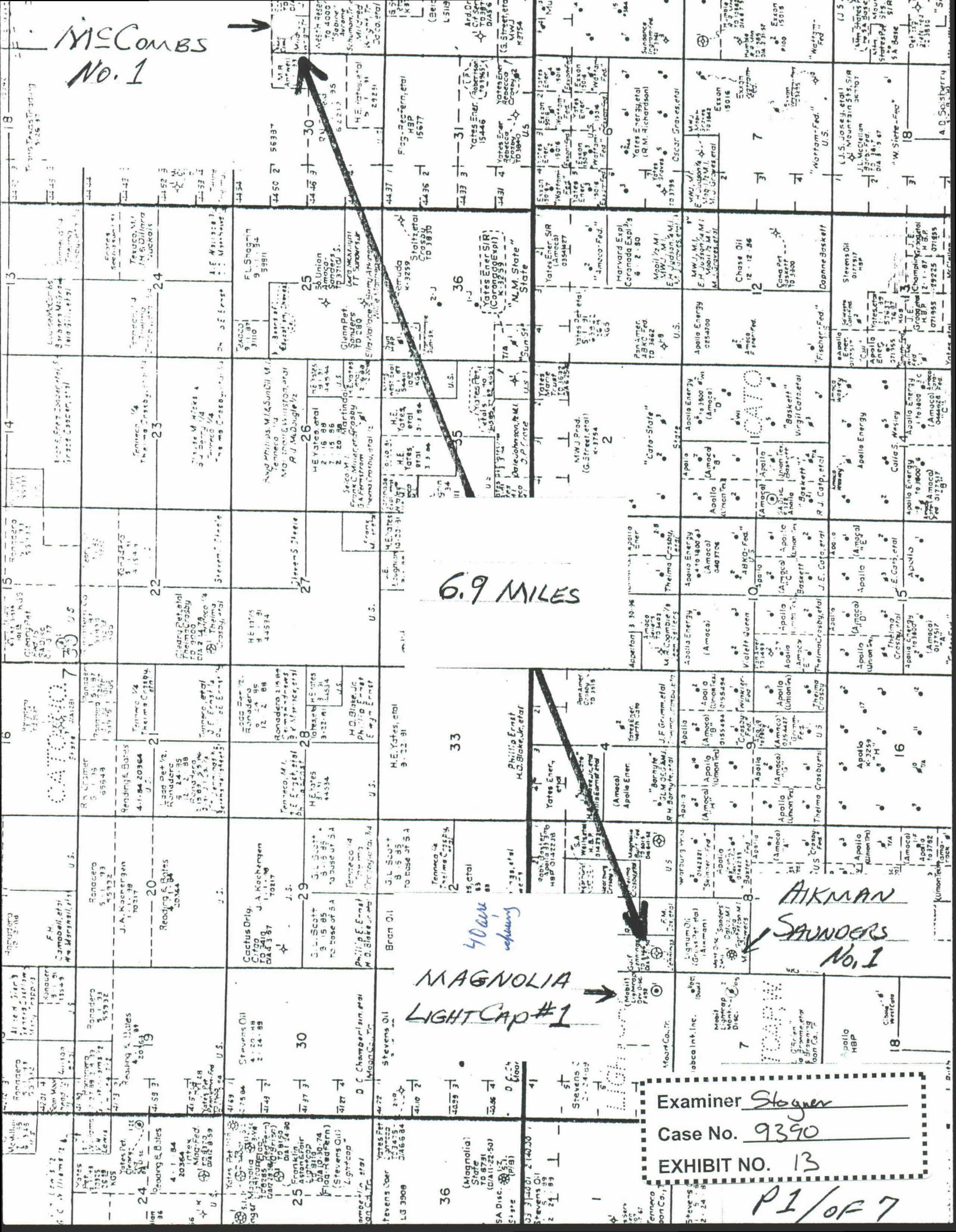


McCombs
No. 1



6.9 MILES

MAGNOLIA
LIGHTCAP #1

40 acre
chunk

Aikman
SAUNDERS
No. 1

Examiner Stagner
Case No. 9390
EXHIBIT NO. 13

P1/OF 7

COUNTY CHAVES, N.M. FIELD WILDCAT (MONT)
OPR AIKMAN PET., INC.
SE SANDERS WELL NO. 1
*C Sec 8, T-8-S, R-30-E (E)
1900 FNL & 660 FWL of Sec

API NO. 30-005-20808 CO-ORD
F.R. 7-8-81 8000' RT 4047' KB
CTR Kenai 7-19-81
TD 7954 7946 SPUD DF 4035' op
PBD P & A GL

PAY ZONE	PROD INTERVAL	IP	BO	W	HRS	CHK	TEST BASIS
Mont	7903-7911	CAOF	2,000,000	CRGPD			
			176.4	HO			

GOR	QTY	CP	TP	BHP	POT DATE	TREATMENT
6278	720		1836	2966	9-21-81	A/1250
	67.3					
CSG	13	3/8-453-475		4 1/2	7951-800	
	8	5/8-2465-975				

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

JNTY-CHAVES, N.M. FIELD WILDCAT (MONT)
ALL: AIKMAN PET., INC. #1 SANDERS SPL (LOG) MARKERS
DATE TD 7954'; PB 7946'; Anhy (958)
Pf 10 7903, 7905, 7907, 7909, 7911, Yates (1304)
A/1250, F/184.59 MCF/5', var ck, FTP SA (2403)
85-1653, Glor (3696)
5 Pts Tubb (5062)
MCF TIME CK TP BHP Aba (5864)
289 60" Var 1653 2905 Penn LS (7058)
719 " " 1653 2816 T/Miss LS (7461)
1122 " " 1590 Sil (7811)
1151 " " 1518 Mont (7900)
1149 " " 1385

* DST fr 7897-7954 (Mont) TITE

(6-30-82)

The Subsurface Library
P. O. Box 545
Midland, Texas

P2167

REPRODUCED BY
Petroleum Information
Corporation
MIDLAND, TEXAS 79701

REFERENCE Y 80738

28 COMPLETION RECORD

SPUD DATE _____

COMP DATE _____

DST RECORD _____

API NO. 10-005-20808 _____

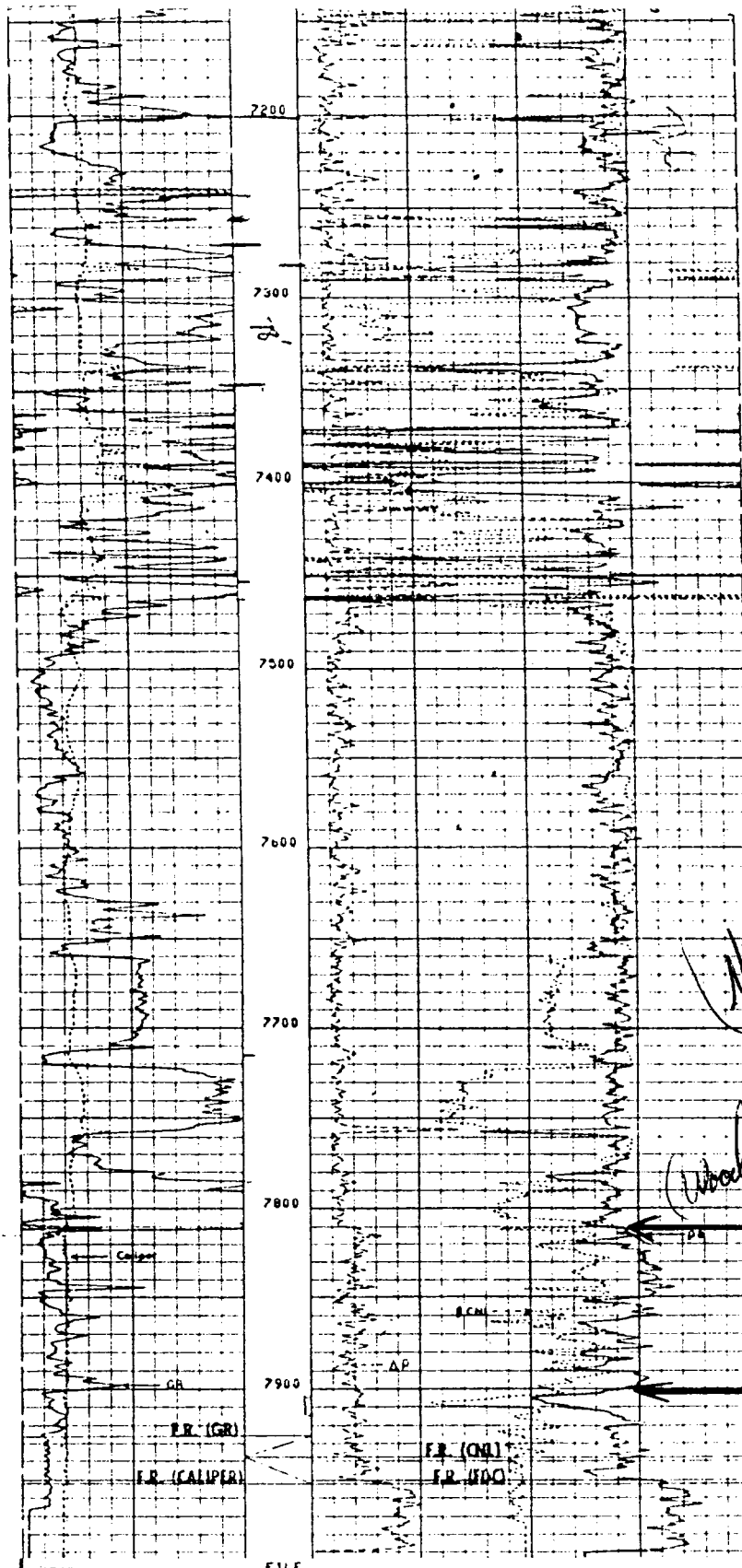
CASING RECORD _____

PERFORATING RECORD _____

ACID FRAC SHOT _____

THE SUBSURFACE LIBRARY
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226795



GR (GAP1)	100.0	200.0	RHQB(G/C3)	-0.050	0.4500
GR (CALIPER)	6.000	16.00	RFMLK	0.3000	-0.100
GR (GAP1)	0.0	100.0	RHQB(G/C3)	0.000	2.000

SENSOR MEASURE POINT TO TENSION REFERENCE POINT

NCNL	18.3	FEET	GR	26.8	FEET
FFDC	3.0	FEET	FCNL	18.3	FEET
CALI	3.0	FEET	RFDC	3.0	FEET
NRAT	18.3	FEET	TENS	.0	FEET

PARAMETERS

TOP OF
1810
DEUNNIA

TOP OF 1900
MONTROYA

0111 n

Data prepared by: M.K. Shurnas
 Affiliation: Magnolia Petroleum Company
 Date: 5-11-56

Field Name: Lightcap (Devonian)
 Location: T. 8 S., R. 30 E.
 County & State: Chaves County, New Mexico

DISCOVERY WELL: Magnolia, Lightcap Land #1

COMPLETION DATE: 5-19-50

PAY ZONE: 7,960 to 7,975 feet, Devonian dolomite, medium crystalline, gray, siliceous, fractured with scattered vugs.

TYPICAL CORE ANALYSIS OF A PAY INTERVAL IN THIS FIELD:

Perm. in millidarcys		% Porosity	Liquid Saturation (% of pore space)	
Horizontal	Vertical		Water	Oil
37.6	9.5	10.7	1.8 by core analysis	1 by core analysis

OTHER SHOWS ENCOUNTERED IN THIS FIELD: None

TRAP TYPE: Anticline

NATURE OF OIL: Gravity 52.4° @ 60°

NATURE OF GAS:

NATURE OF PRODUCING ZONE WATER:

Resistivity: ohm-meters @ °F.

	Total Solids	Na/K	Ca	Mg	Fe	SO ₄	Cl	CO ₂	HCO ₃	OH	H ₂ S
ppm											

INITIAL FIELD PRESSURE: 2,621 psi.

TYPE OF DRIVE: Gas cap?

NORMAL COMPLETION PRACTICES: Set liner through pay and complete through perfs.

PRODUCTION DATA:

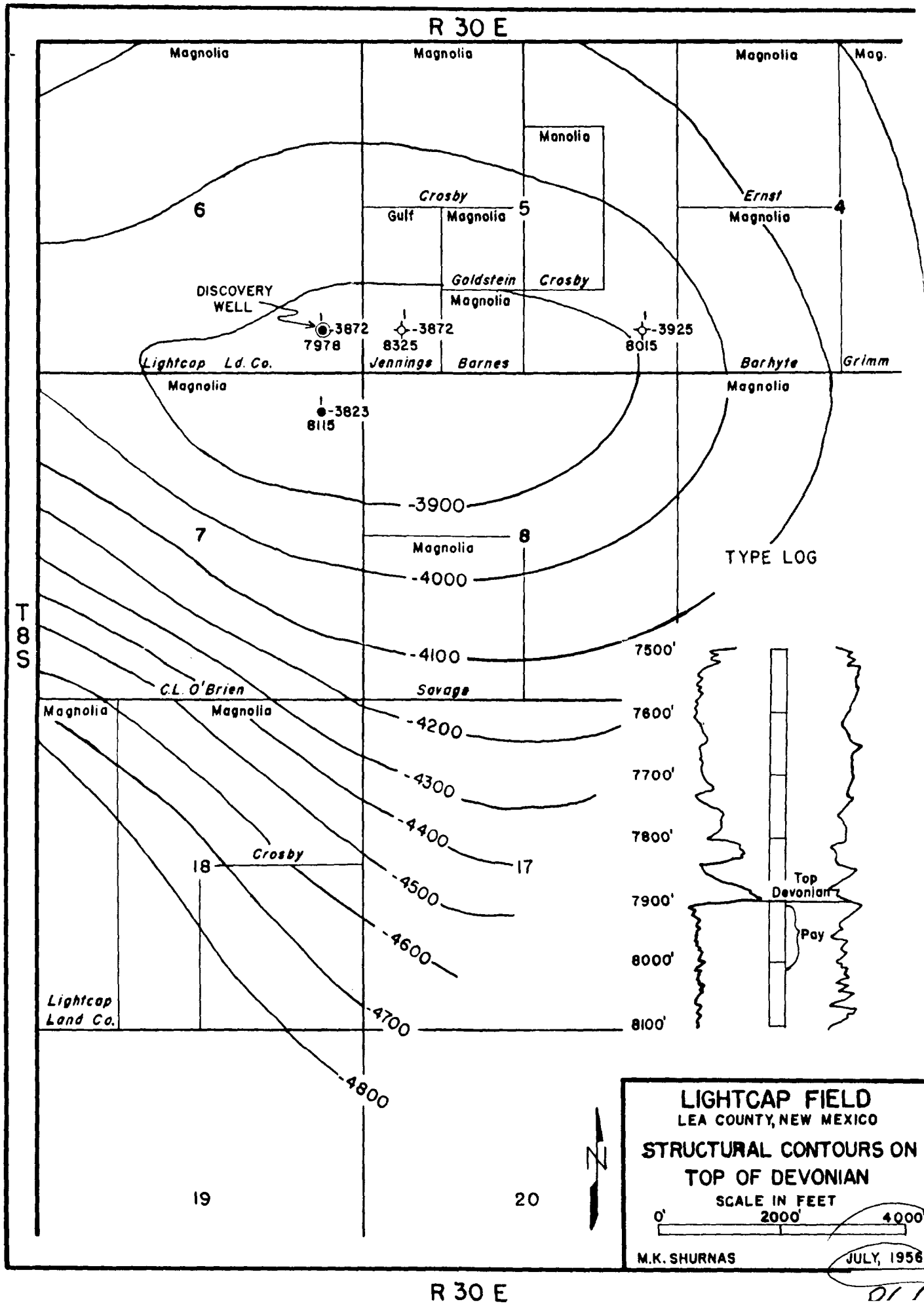
No. of wells @ yr. end				Production		No. of wells @ yr. end				Production	
Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF		Year	Type	Prod.	Shut in or Abnd.	Oil in barrels Gas in MMCF	
				Annual	Cumulative					Annual	Cumulative
1941	oil					1949	oil				
	gas						gas				
1942	oil					1950	oil	2		6,403	6,403
	gas						gas				
1943	oil					1951	oil	2		11,318	17,721
	gas						gas				
1944	oil					1952	oil	2		9,870	27,591
	gas						gas				
1945	oil					1953	oil	2		9,889	37,480
	gas						gas				
1946	oil					1954	oil	2		10,283	47,763
	gas						gas				
1947	oil					1955	oil	2		10,773	57,986
	gas						gas				
1948	oil					1956*	oil	2		2,286	60,272
	gas						gas				

* 1956 Figure is production to 5-1-56.

1957 OIL 1,037 286,363
 GAS 724 1715

Page 2 of 2

Ans'd..... P5/10/57



BEFORE EXAMINER STOGNER

OIL CONSERVATION DIVISION

Enfield EXHIBIT NO. 13

CASE NO. 9390