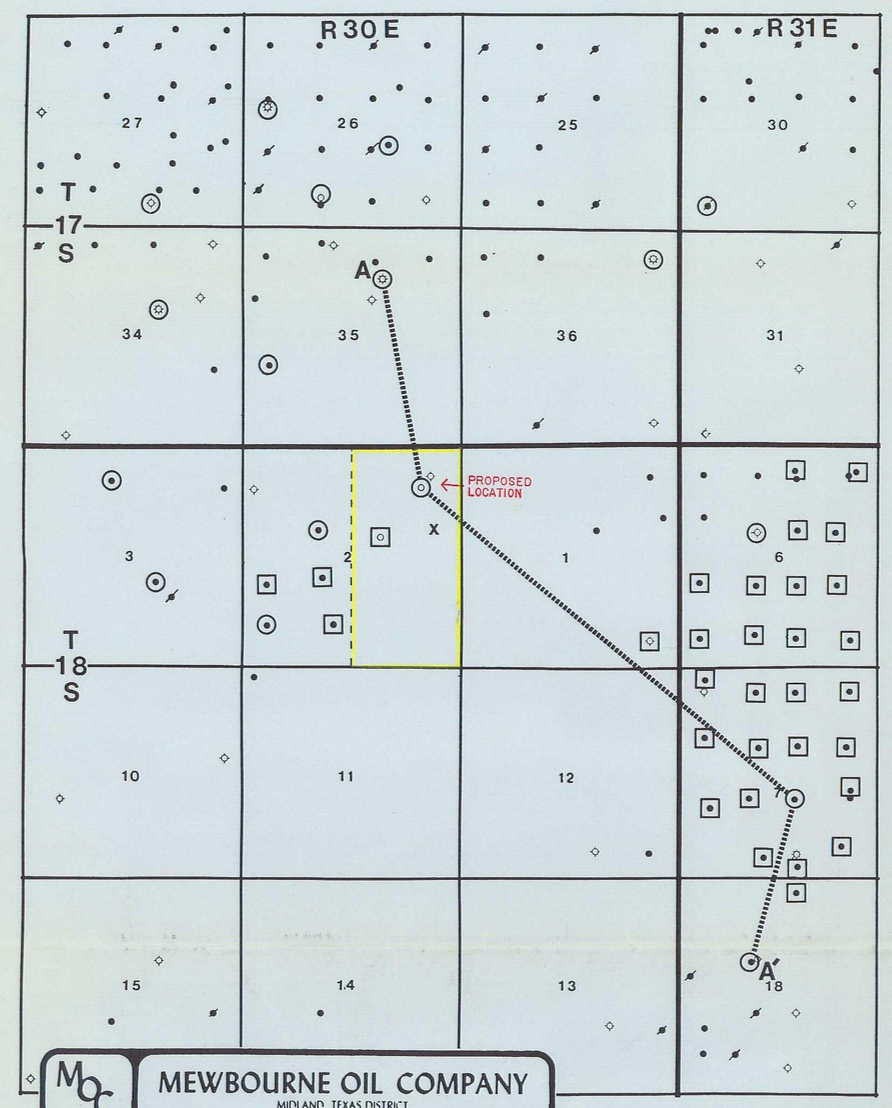


MEWBOURNE OIL COMPANY
MIDLAND, TEXAS DISTRICT

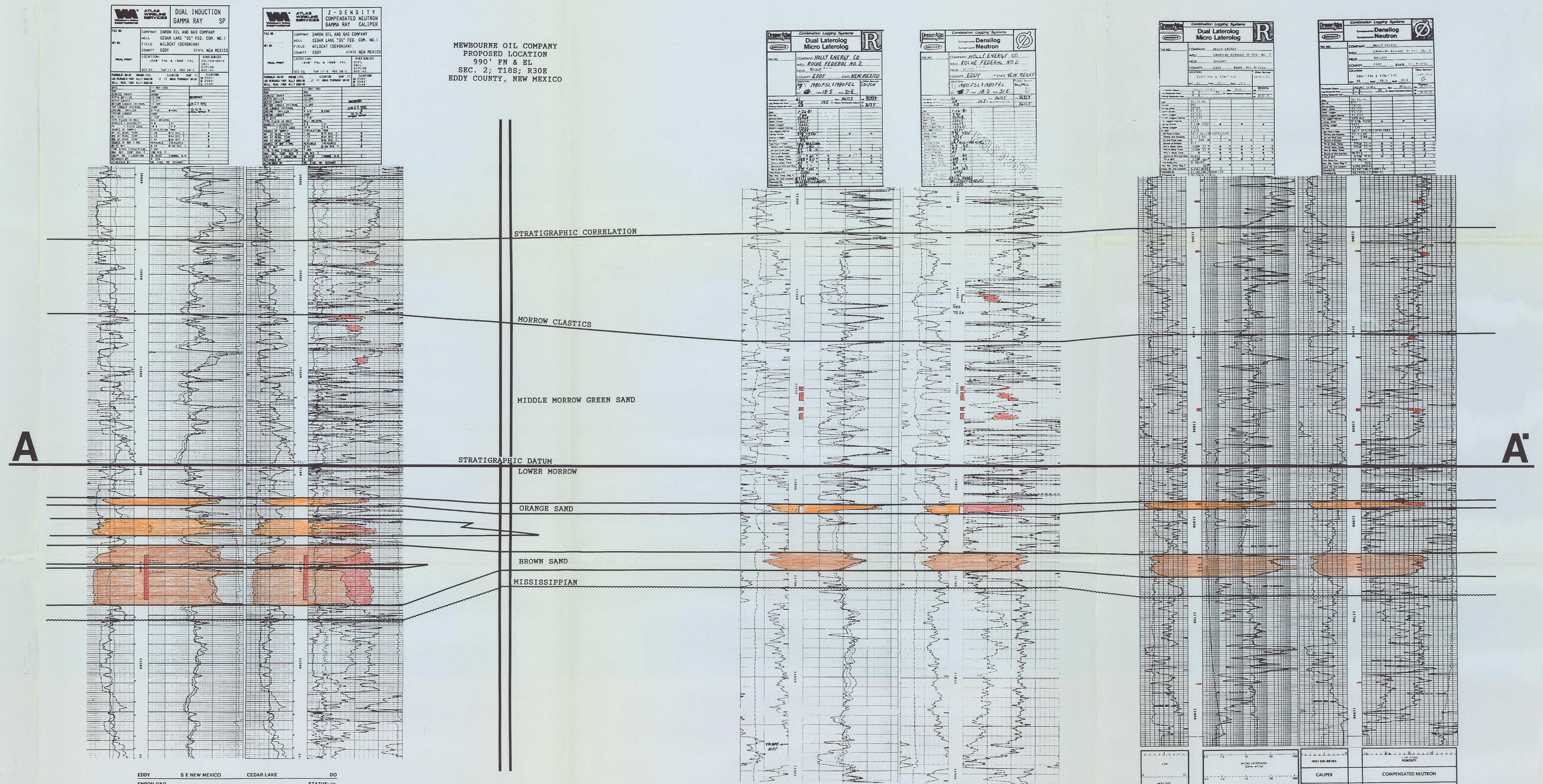
LOCO HILLS PROSPECT
EDDY COUNTY, NEW MEXICO

MORROW
STRATIGRAPHIC CROSS SECTION A-A'

NOV. 1992 HORZ. SCALE 1" - 2000' DEXTER HARMON

☐ BONE SPRING PENETRATIONS
○ MORROW PENETRATIONS

MEWBOURNE OIL COMPANY
PROPOSED LOCATION
990' FN & EL
SEC. 2; T18S; R30E
EDDY COUNTY, NEW MEXICO



EDDY S E NEW MEXICO CEDAR LAKE DO

ENRON O&G
1 CEDAR LAKE "35" FEDERAL COM (API 30-015-26968) STATUS: OIL

LOCN: SEC 35 T17S R30E NW NE 1040 FNL 1980 FEL SEC. 3 MI SE LOCO HILLS, NM 14 MI
FIELD: WILDCAT (DEVONIAN) ELEV: 3548 GR DTD: 12500 PBTD: 12205 WILL ID
CHANGES: FIELD CHGD FROM WILDCAT PROJ FOR4 CHGD FROM DEVONIAN

SPUD: 03/29/92 COMP: 06/12/92 EL: 3548 GR DTD: 12500 (FUSSELMAN) PBTD: 12205 CONTR:
ENTER DRLG RIG #73

CSG INSTRG: 13 3/8 @ 626 W/535 SX, 8 5/8 @ 4506 W/2200 SX, 5 1/2 @ 12500 W/1035 SX, 1 7/8 @ 11814.

RESULT: IPF 164 BO; 2512 MCFD, 14 BWPD, 1456 CR, GOR 24154, GTY 55, FTP 3500, FCP 440
PROD ZONE: MORROW 11168-11224 NO CORES, THREE DST'S RPTD

COMP INFO: LOG TYPES: BHCS, CALP, CNL, DENL, DIL, GRL, NEUT. DST # 1, NO DETAILS
DST # 2, NO DETAILS DST # 3, NO DETAILS PROD TESTS: PERF (FUSSELMAN: 12363-12380, W/34 SHOTS. TREATMENT OR GAUGE NOT RPTD BWPD: 12300 PERF (DEVONIAN): 12180-12210, W/150 SHOTS. TREATMENT OR GAUGE NOT RPTD BWPD: 12100 PRODUCING INTERVAL(S) DATA: PERF (MORROW) 11168-11224, W/28 SHOTS.

(OVER) THE SUBSURFACE LIBRARY P.O. BOX 2324 DATE 15-NOV-2010 PAGE 3-N MEX

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EDDY COUNTY NEW MEXICO N.SHUGART FIeLD
Well HOLLY ENERGY INC.2 Roche Federal Result GAS DG
Loc 6mi SX/Loco Hills-Sec7-18S-31E-1980 FSL-1980 FEL Sec

Spud:12-1-80;Comp:3-15-81,Elev:3617'GL,TD:12,027(DUNN)PB:11,610
Casing:13 3/8"K54/780sx,9 5/8"K55&T/2650sx,5 1/2"J2,O27'/700sx
Prod Zone:(MORROW)Tpay11,498',Prod thru Perfs 11,498-532'
IPCAOF: 7530 MCFGFD,Gty Gas.658,GOR 39,CONS 56.5,SIMPP 3467,
SIBHP 3480
Comp Info: Rpn DILL,MLAT,CNDL,GRL,CBHD logs;BHT 188 deg@11,462,
DST-DF(ABD)5430-5580,opthr30min;rec955'MUD+3000'SWTR(Emplr rec
2100CC SWTR&2101)ISI30min:IEFP 2321 FF 210-209#,2hrFSIP 2286,HP
2877-2903,Perf(MORROW)11,402-410 w/2 SPF,S/wtr w/good Gas blow/8hrs'
Sqz/75sxADCC,Perf(MORROW)11,622-630w/2 SPF,A/1000gals,Perf(MORROW)
11,498-502,11,504-512,11,520-523,11,526-532 w/2 SPF,(MORROW)4FT:
F/762 MCFGFD,12/64ch,6Mins,TP2950,F/780 MCFGFD,14/64ch,45mins,
TP2635,F/859MCFGFD,16/64ch,45mins,TP2330,F/435MCFGFD,18/64ch,60min
TP2072,BHT 188 @@11,462,C/Bond@#4
Tops:(ELIR)2646,(TRES)9400ABS4418,MTMP)9548TRR10,4888YOR10,8758MR
Well:(MOMENTum)11358, API No30-015-23537 Replaces card#10,dat-
Petroleum Information# 5-6-81,To ad6CAOF4FP,BHT
Date: 11-25-81 Card No. 61 mja

EDDY COUNTY S E NEW MEXICO SHUGART NORTH FLD
Well ENRON O&G 2 Roche Federal "OANO" Result OIL DO
Loc 6 mi SE/Loco Hills; Sec 7, T18S, R31E Swr; 1980 FSL, 1980 FEL
of Sec (Orig. Holly Energy Inc, Cmp 3-15-81, OTD 12,027,
PB 11,610)

Re-Spud: 6-1-87; Re-Comp: 7-8-87; Elev: 3617 GR; TD: 12,027
9556; PB: 8410
Casing: (Orig. 13 3/8 @ 654-800 sx; 9 5/8 @ 4588-2650 sx;
5 1/2 @ 12,027-700 sx) csg sqz w/4 shots @ 150 sx; 2 3/8 @
8357
Prod Zone: (Bone Spring) Prod thru Perfs 8275-8346
IPF: 201 BO + 47 MCF + 4 BWPD; GOR 234; Gty 37.4
Comp Info: Perf (Morrow) 11,498-11,532; Perf (Bone Spring)
w/20 8275-8346; SWF8/100,000 gals + 180,000# sd; C/(NR)
API No: 30-015-23537-0001

Petroleum Information
Date: 09-02-87 Card No. 7

EDDY COUNTY, N.M. FIELD: NO. SHUGART (ATOKA-MORR)
OPR: HOLLY ENERGY CORP.
LSE: CANADIAN KENWOOD "18" WELL NO. 1
LOC: Sec 18, T-18-S, R-31-E (F)
1980 FNL & 1796 FWL OF Sec.
API NO: 30-015-23444
P.N. 7-2-80 OBJ. 11,875'RI CO ORD
TD: 11,287 PBD: 11,174 PBA ELEV KB
TTD: 11,287 CP 3644'# GL

PAY ZONE	PROD INTERVAL	IP	BO	W	GRAV	GOR	TEST BASIS
MORr	11,216-768	F	58	3	24	20/64"	
			911,000 (C/CP)				

GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
	57.2 gkr	625			12-2-80	A/1250

CSG.	13 3/8-675-600	5½-11,824-1070
	8 5/8-4550-2270	

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

COUNTY: EDDY, N.M. FIELD: NO. SHUGART (ATOKA-MORR)
ELL: HOLLY ENERGY CORP. #1 CANADIAN KENWOOD "18" SPL (LOG) MARKERS
ATE: TD 11,287'; PB 11,174'. Rust (563)
DST 9150-9429, op 80", R/93' DF, Yates (1960)
60"/134, FP 88-112, 120"/134 SA (4418)
PF/18 11,214, 11,216, 11,252, 11,263, Wlfc (9360)
11,315, 11,316, 11,526, 11,427,1448), Strr (10,482)
11,483, 11,518, 11,519, 11,580, Atoka (10,8721)
11,581, 11,582, 11,637, 11,645,11648, Morr (11,288)
11,651, F/950 MCF, 28/64"ck, FTP 900- Morr Sd(11,533)
200#, Pkr @ 10,550'
PF/10,788-812, 10,817-802, 10,828-833, 10,834-840,
10,846-850, 10,883-887, S/511 Wtr, no gas
Sqz PF 10,788-887 w/100 sx
PF/10,581-586, 10,598-623, 10,627-637, 10,640-650,
10,654-662, 10,666-669, 10,686-697, 10,728-738,A/10,000
5/900' Hvy Blk Dead Oil, 10 BAW, Sqz PF 10,581-738 w/100sx
F/500 MCF, 20/64"ck, FTP 200,
PF/10,581-887 pkd off

(3-24-82) The Subsurface Library

PAY ZONE	PROD INTERVAL	IP	BO	W	HRS	CHK	TEST BASIS
BS	8332-8528'	F	75	76	24		

GOR	GTY	CP	TP	BHP	POT DATE	TREATMENT
	37				3-10-88	A/8000; SWF
						180,000 x 212 000

CSG	13-3/8 - 675 - 600	5½ - 11824 - 1070
	8-5/8 - 4550 - 2270	

MIDLAND OIL SCOUTS ASSOCIATION WELL RECORD

COUNTY: EDDY, N. M. FIELD: NO. SHUGART (BS)
ELL: ENRON O&G #1 CANADIAN KENWOOD "18" SPL (LOG) MARKERS
ATE: OTD 11,827'. Orig. Comp. 12-2-80 Rust (563)
Old pts 11,214-768 Yates (1940)
San And (4418)
NEW MORR: 1st BS sd (7445)
2nd BS sd (8000)
Pf 14/8496-981 8500-28 3rd BS sd (8980)
A/6000 + 7000 SCF N2/bbl Wolfc (9360)
SWF 40,000 x 106,000 Strn (10080)
Pf 12/8332-72 A'oka (10790)
A/4000 (8332-72), 5/29 BL; SWF Morr (11218)
140,000 x 106,000
F/75 BO, 76 BW/24 hrs (8332-8528)
(4-13-88)

MOC MEWBOURNE OIL COMPANY
MIDLAND, TEXAS DISTRICT