

NEW-TEX LAB
P.O. Box 1161
Hobbs, New Mexico 88240

ANALYSIS CERTIFICATE

CLIENT: HARVEY E YATES COMPANY ANALYSIS NUMBER: 5809
ADDRESS: PO BOX 1933 DATE OF RUN: 1 28 85
CITY, STATE: ROSWELL NM 88201 DATE SECURED: 1 28 85
SAMPLE IDENT: CORBIN "35" STATE #1
SAMPLING PRESS: SAMPLING TEMP:

***** GAS ANALYSIS *****

	MOLE PERCENT	GAL/ MCF
NITROGEN	16.253	
CARBON DIOXIDE	0.144	
METHANE	50.531	
ETHANE	14.701	3.921
PROPANE	10.508	2.884
ISO-BUTANE	1.425	0.465
NORMAL BUTANE	2.682	0.843
ISO-PENTANE	1.109	0.408
NORMAL PENTANE	0.933	0.337
HEXANES	1.714	0.703
TOTAL	100.000	9.561

PROPANE GPM: 2.88 BUTANES GPM: 1.31
ETHANE GPM: 3.92 PENTANES PLUS GPM: 1.45

SPECIFIC GRAV (CALC): 0.9379
MOLE WEIGHT: 27.16

HHV-BTU/CU FT	PRESSURE (PSIA)	WET	DRY
14.696		1311	1335
14.650		1307	1330
14.730		1314	1338
14.735		1315	1338

ANALYZED BY:
DEANE SIMPSON

ORIGINAL SIGNED BY
DEANE SIMPSON

APPROVED BY:

COUNTY **LEA** FIELD **Corbin** STATE **NM**
 OPR **YATES, HARVEY E. CO., INC.** API **30-025-25763**
 NO **1** LEASE **Corbin "35" State** MAP
Sec 35, T17S, R33E (COORD)
2310' FNL, 330' FWL of Sec **7-5-19 NM**
7 mi W/Buckeye SPD **5-3-78** CMP **6-6-78**

CSC

13 3/8" at 292' w/350 sx
 8 5/8" at 2780' w/1200 sx
 4 1/2" at 4100' w/485 sx

WELL CLASS: INIT D FIN DO ELEV			
FORMATION	DATUM	FORMATION	DATUM
TD 9000' (ABO)		PBD 4100'	

IP (Queen) Perfs 3856-77' P 42 BOPD + 47 BLW. Pot based
 on 24 hr test. GOR TSTM; gty (NR)

CONTR **WEK** OPRSELEV **4133' GL** PD **8800' RT**

5-9-78 F.R. 12-19-77
 (Abo)
 Drlg. 3590' anhy
 DST (San Andres) 4489-4629' op 1 hr 15 mins,
 rec 1209' sli OCSW, 1 hr ISIP 1535#, FP 69-
 528#, 2 hr FSIP 1421#, HP 2251-2251#, BHT
 102 deg
 5-17-78 Drlg. 6554'
 5-23-78 TD 7389'; Stuck
 6-1-78 Drlg. 8810' dolo
 6-6-78 TD 9000'; Rng Logs
 DST (Abo) 8700-8850' op 1 hr 15 mins, rec 3'
 M, 1 hr ISIP 136#, FP 113-113#, 2 hr FSIP
 159#, HP 4319-4319#

7-5-19 NM

LEA
YATES, HARVEY E. CO.,
INC.

Corbin
1 Corbin "35" State
Sec 35, T17S, R33E

NM
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Continued

DST (Abo) 8845-89' op 3 hrs, GTS 5 mins, no
est, rec 909' HO&GCM + 155' MC Sulf wtr,
(Sampler rec 400 cc's oil + 1500 cc's wtr +
.008 CFG @ 430#), 1 hr ISIP 1961#, FP 348-501#,
6 hr FSIP 1961#, HP 4374-4374#, BHT 140 deg
TD 9000'; PBD 4100'; WOC
TD 9000'; PBD 4100'; Swbg
Perf (Queen) 3856-60', 3862-64', 3867-70',
3873-77' w/2 SPF
Acid (3856-77') 1000 gals (15%)

6-12-78

6-21-78

7-5-19 NM

6-21-78

Continued

Swbd Dry after 3 runs (3856-77')
Acid (3856-77') 3500 gals
Swbd Ld w/SSO (3856-77')

6-27-78

7-18-78

7-24-78

TD 9000'; PBD 4100'; Swbg
TD 9000'; PBD 4100'; Swbg
TD 9000'; PBD 4100'; Complete

7-29-78

LOG TOPS: 3841', Grayburg 4216', San Andres
4588', Glorieta 6560', Tubb 7245', Abo 8220'
COMPLETION ISSUED 7-5-19 NM
IC 30-025-70360-77