

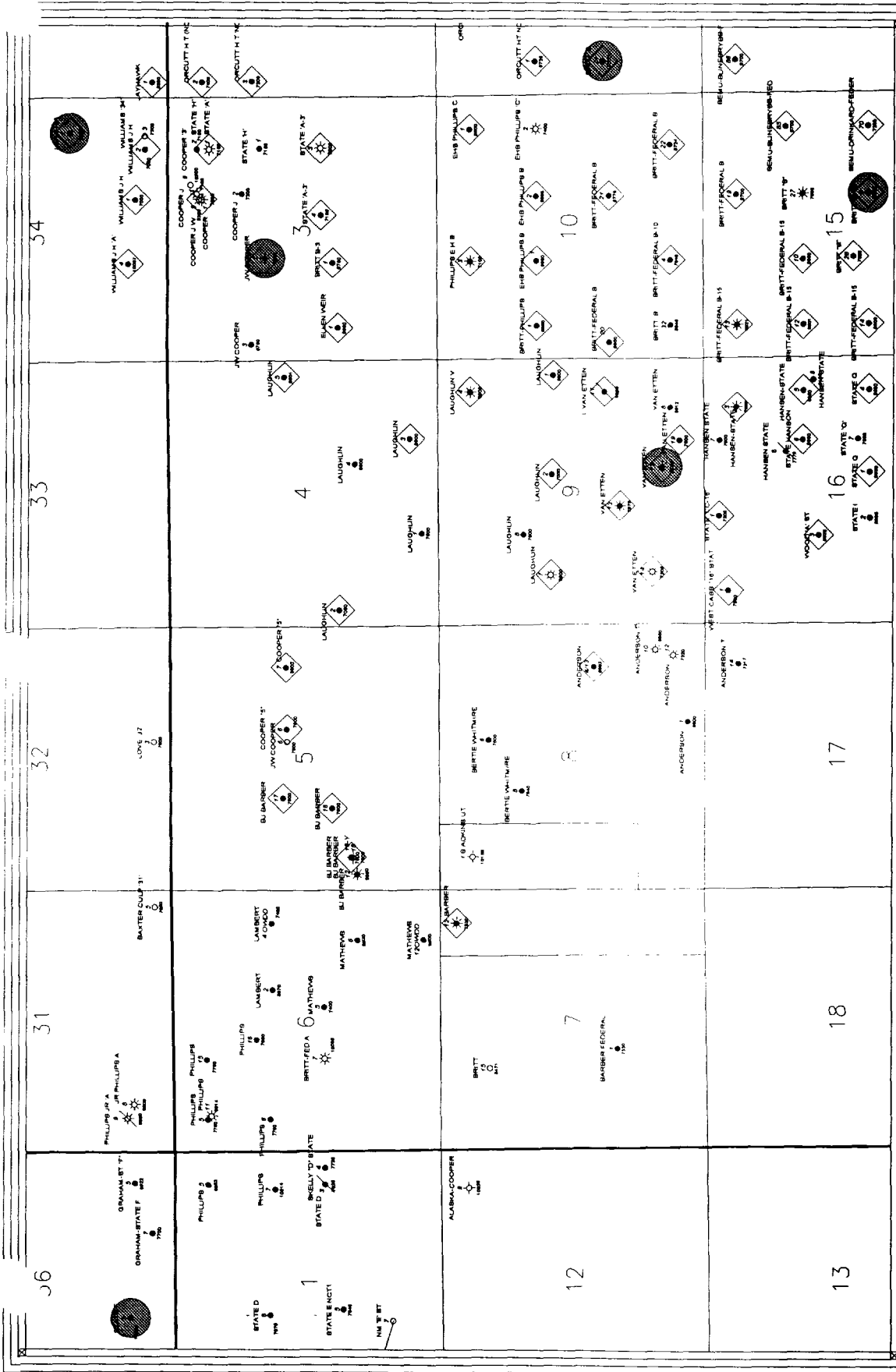
Sapient Energy Corp

Monument Area
Lea Co., NM

TUBB Formation DST Data

Operator	Well Name	DATE	DST Interval	SEC	TWP	RGR	IFP-FFP	BHSP	TIME	TYPE	DESCRIPTION
AMERADA	STATE 'F' #5	11/04/48	6480-6559	36	19S	36E	720-90	2570	15"	SIP	Op 240", GTS 35", Flow for 225"; R/270' SLI OGCM, 1110' Sul Wtr;
SINCLAIR	LEA '373' UT #1	03/16/66	6500-6600	34	19S	37E	164-239	2548	120"	FSIP	Op 120", GTS 7", TSTM; R/90' FO, Gty 39.2, 450' HOGCM, 120' DM
ASHMUN & HILLIARD	COOPER #1	12/13/63	6542-6606	3	20S	37E	192-255	2664	30"	FSIP	Op 60", GTS 3", FARG 140mcf/d, R/362' HOGCM
SKELLY OIL	VAN ETEN #12	06/07/66	6375-6600	9	20S	37E	165-200	2621	30"	ISIP	Op 120", GTS 8", R/370' GCM.
CONOCO	BRITT B #24	06/20/65	6488-6520	11	20S	37E	337-1840	2483	30"	ISIP	Op 270", R/7 BO
CONOCO	BRITT B-15 #9	03/11/57	6447-6544	15	20S	37E	1325-1365	2695	15"	SIP	Op 105", GTS 2.5", OTS 15", Flw 13 BO/60", no wtr, Gas ARO 2158 mcf/d
								2597	AVG	SIBHP	

BEFORE THE
OIL CONSERVATION COMMISSION
Case No.12605 Denovo Exhibit No.
Submitted By:
Sapient Energy Corp. 31-6
Hearing Date: November 6, 2001



LEGEND

◊

IP FM = TUBB

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Tubb DST for BHP Estimate

Sapient Energy Corp.

Monument (Tubb) Field Area

Location of TUBB DSTs

RW Von Rhee	10/30/01
dst_map.gpf	Scale 1:38000
1"=3000'	

Sapient Energy Corp.
Monument Field Area
Lea County, NM
TUBB FORMATION DST'S

Co. LEA POOL MONUMENT STATE N.M. KROENLEIN 1540
PAIDOCK
COMPANY Amerada - #5-F - State ELEV. 3590
LNG. 785' FHL & 1980' FHL
Sec. 36, T-19-S, R-36-E

ACID OR SHOT	CASINO RECORD	TOPS
Perf. 20/9915-20	13-3/8 - 127 - 200	A. 980
Perf. 68/9890-9907	8-5/8 - 2400 - 1300	B. 1070
250 gals.	5-1/2 - 9978 - 1200	B.S. 2250
		Yates 2430
		San. And. 5135
		Tubb 6295
		Wich. 6905
		(Tops Con't)
BPD. 5-2-48 COMP. 11-4-48		TP 9890
I. P. F. 197 BOPD; 1/4" ch; 2" @ 9905		TD 10,255
GR. 47 GOR 3020 TP 2000 CP Flr. 9835		PRD 9930
REMARKS Con't. Page #2		PRD 9386;
Other TOPS record: W.C. 7904; Perm.-Sil. 8386;		Fuss. 8827; Mont. 9257; Simp. 9562; Ellen. 10090; Granite
10157.		

PAGE 2 OMITTED

K-1540
Page #3

LEA, NEW MEXICO 36-19-36
Amerada - #5-F - State

Core 5716-28, rec. 12' dol. pin point trou. good por. free in lower part SI to good st & seat bldg.

DST 5716-28, op. 4 hrs. SBA rec. 80 M. strong sul odor FBHP 35-40, 15" SI 85#

Core 5726-36, rec. 10' dol. seat free. & bldg. 0 in upper part good stn in lower part

Core 5736-46, rec. 10' dol. seat free al por. seat bldg. 0.

DST 145' M. last 20' al 0 w/sul. w FBHP 0

TUBB - DST 6480-6559, op. 4 hrs. gas/35", LB for 3' 45", rec. 270 al GCM, 1110' sul. w. FBHP 720-90, 15" SI 2570

DST 6809-55, op. 4 hrs. SBA, rec. 277 M. Strong sul odor in btm. FBHP 0-150, 15" SI 380

DST 6969-7109, op. 4 hrs. gas/3", 99% 217 MCYPD rec. 32' GCM FBHP 200-300 19" SI 1270

DST 7170-7206, op. 4 hrs. BA 1' 10" G/1' 10" to small to 99% Con't. Page #4 — REMAINDER PAGES OMITTED

Sapient Energy Corp.

Monument Field Area

Lea County, NM

TUBB FORMATION DST'S

LEA COUNTY NEW MEXICO WILDCAT
Well: SINCLAIR OIL & GAS CO. #1 Lea "373" Unit Result: NEW OIL DISC
Loc'n: SE/part of cnty; 3 mi SW of 9126' failure, 1 mi SE/Monument; Sec 34-19S-37E, 1980'
FSL 660' FEL Sec; surrounded by produ in Weir & Monument Fields, 3 mi N of Penn producer.

Spud: 12-31-65; Comp: 3-16-66; Elev: 3593' Grd; TD: 8000'; PBTD 6640'
Casing: 13-3/8" 245'/225 sx, 9-5/8" 3883'/1900 sx, 4 1/2" liner 7049'/850 sx
Prod Zone: (Tubb) T/Pay 6505', Prod thru Perfs 6505-6625'
IPP: 25 BOPD plus 4 BLW/24 hrs, Grav 37.5, GOR 125-1
Comp Info: DST 5315-81', op 2 hrs, rec 60' free oil, Grav 43.4, 180' DM & 90' GCM,
FP 44-149#, ISIP 1951#/1 hr, FSIP 1800#/2 hrs, DST 6185-6290', op 2 hrs, rec 180'
DM & 570' SWCM, FP 104-299#, ISIP 244#/1 hr, FSIP 2287#/2 hrs, DST 6500-6600',
TUBB || op 2 hrs, GTS 7 mins, TSTM, rec 90' free oil, Grav 39.2, 450' HOEGCM & 120' DM,
FP 164-239#, ISIP 2502#/1 hr, FSIP 2548#/2 hrs, DST 6600-6700', op 2 hrs, GTS 6 min,
TSTM, rec 270' gas & sli OCM, FP 119-119#, ISIP 1108#/1 hr, FSIP 1183#/2 hrs, DST
6915-46', op 2 hrs, rec 450' gas in DP, 190' sli OEGCM, FP 59-75#, ISIP 1490#/1 hr,
FSIP 1424#/2 hrs, DST 7885-8000', op 1 hr, rec 90' DM, FP 164-164#, ISIP 299#/1 hr,
FSIP 164#/2 hrs, Perf 6680, 6185', set ret @ 6120', sqzd perfs w/600 sx, DO to 6640',
Perf 6505, 6520, 6524, 6527, 6549, 6558, 6566, 6577, 6592, 6597, 6607, 6611, 6613,
6621, 6625, A/1400 gals, Frac w/20,000 gals & 20,000# sd.
Tops: (EL) Rustler 1360', Yates 2695', Grayb 3765', San And 4094', Glor 5304', Blinab
5885', Tubb 6420', Drink 6790', Abo 7085', Strawn 7950'

Sea Products
OIL REPORTS

Date: 4-27-66

Card No.: 13 NM kh

LEA COUNTY NEW MEXICO MONUMENT FLD
Well: ASHMUN & HILLIARD #1 J. W. Cooper Result: OIL
Loc'n: 2 mi SE/Monument; Sec 3-20S-37E, 1916' FNL 2077' FWL Sec

Spud: 10-17-63, Comp: 12-13-63, Elev: 3565' DF, TD: 7959'
Casing: 13 3/8" 253/300 sx, 9 5/8" 4000/500 sx, 7" 6820/400 sx
Prod Zone: T/Pay 6595, Prod thru perfs 6595-6613 TUBB
IPP: 160 BOPD + 4 1/2 BWPD thru 18/64" ch, Grav 36.8, TP 700#, CP pkr
Comp Info: DST 5218-48, op 1 hr, no rec, FP 14-43#, SIP 1649#/30 mins, DST 5218-
78, op 1 hr, rec 180' mud, FP 40-116#, SIP 1737#/30 mins, DST 5278-5318, op 1
hr, rec 90' gas in DP & 10' oil plus 210' OEGCM, FP 39-119#, SIP 1635#/30 mins, DST
5735-5840, op 1 hr, rec 90' mud, FP 79-93#, SIP 226#/90 mins, DST 6445-6545, op 1
hr, rec 90' mud, FP 79-93#, SIP 226#/90 mins, DST 6445-6545, op 1 hr, GTS 2 mins,
est 30,000 CFGPD, rec 240' GCM, FP 148-156#, SIP 1345#/30 mins, DST 6542-6602,
TUBB || op 1 hr, GTS 3 mins, est 140,000 CFGPD, rec 362' HOEGCM, FP 192-255#, SIP 2664#/30
mins, DST 6650-84, op 1 hr, rec 300' gas in DP & 230' sli OEGCM plus 10' SW, FP
133-148#, SIP 1894#/30 mins, DST 6723-94, op 1 hr, rec 60' sli OEGCM, FP 74#-SIP
147#/30 mins, Perf 6733-86, A/1,000 gals, flwd SW, sqzd, Perf 6595-6613, A/500
gals, re-A/2,000 gals, flwd 109 BO/24 hrs, thru 18/64" ch, Perf 5287-92, A/500 gals
sqzd, Perf 4200-15, swbd wtr, sqzd. C/Forest Blackstock.
Tops: (EL) Yates 2620, Queen 3410, San And. 3905, Glor. 5210, Tubb 6355, Abo 7010,
Penn. 7880'.

Sea Products
OIL REPORTS

Date: 2-5-64

Card No.: 13 NM gr

Sapient Energy Corp.

Monument Field Area

Lea County, NM

TUBB FORMATION DST'S

LEA COUNTY NEW MEXICO MONUMENT (TUBB & BLINEBRY) FLD
Well: SKELLY OIL CO. #12 L. Van Erten DUAL Result: OIL
Loc'n: 810' FSL 2130' FEL of Sec 9-206-37E

Spud: 4-30-66; Comp: 6-7-66; Elev: 3554' DF; TD: 6700'; PB: 6662'
Casing: 8-5/8" 1260'/920 sx; 5 1/2" 6700'/549 sx
Prod Zone: (Blinebry), T/Pay 5612', Prod thru Perfs 5612-5731'
IPP: 61 BOPD & 53 BW, Grav 41
Prod Zone: (Tubb), T/Pay 6371', Prod thru perfs 6371-6555'
IPF: 5 BOPD, 20/64" ch, Grav 30.2, TP 325#, CV 596,000 CFPD. GOR 119,200
Comp Info: DST 5734-5875', op 1 hr & 45 mins, rec 465' mud cut slty sulf wtr, &
2759' slty sulf wtr, NS, FP 447-1478#, ISIP 2061#/30 mins, FSIP 2037#/1 hr, DST
6375-6600', op 2 hrs, GTS 8 mins, rec 370' GCM, FP 165-200#, ISIP 2621#/30
mins; Perf 6371, 6374, 6385, 6389, 6402, 6406, 6423, 6426, 6428, 6438, 6442,
6445, 6452, 6502, 6506, 6512, 6527, 6529, 6537, 6542, 6544', 6555', A/1500
gals, F/32 BLO/24 hrs, CV 790,000 CFPD, Perf (Blineb) 5612, 5615, 5618, 5623,
5626, 5634, 5647, 5650, 5656, 5659, 5664, 5669, 5672, 5676, 5680, 5687,
5693, 5698, 5704, 5722, 5728, 5731', A/1500 gals, S/53 BLO, 30 BNO, 42 BFW/
14 hrs. C/Moran Drilg. & Prod. Co.
Tops: (EL) Anhy 1146', Slt 1266', B/Salt 2380', Yates 2534', 7-Rivers 2797', Queen
3292', Penrose 3391', Grayb 3595', San And 3926', Glor 5137', Paddock 5222',
Blineb 5673', Tubb 6295', Drink 6608', Tubb 6295'

TUBB
DST

TUBB
DST

Lea Rinehart
OIL REPORTS

Date: 8-10-66 Card No.: 11 NM kh

LEA COUNTY NEW MEXICO MONUMENT-TUBB FIELD ✓
Well: CONTINENTAL OIL CO. #24-B Britt Result: OIL
Loc'n: Sec 11-205-37E, 1980' FSL 660' FWL Sec

Spud: 5-10-65; Comp: 6-20-65; Elev: 3595' Grd; TD: 7000'
Casing: 7-5/8" 1344'/380 sx, 4-1/2" 7000'/600 sx
Prod Zone: T/Pay 6494, Prod thru Perfs 6494-6692 GOR 3273
IPF: 139 BO + 20 BW/18-1/2 hrs thru 18/64" ch, Gas vol. 455,000 CFPD
Comp Info: Crd 6483-6520, rec 10' dolo, bldg gas, 8' dolo, fair vuggy poro w/sli show
gas, 1' dolo, bldg O&G, 3' sli vuggy poro dolo, 1' vuggy poro dolo, bldg O&G, 14'
sd, sli bldg O&G; DST 6488-6520, op 3-1/2 hrs, rec 7 BO, ISIP 2483#/30 mins, FP
337-1840#, FSIP 2421#/30 mins; Crd 6520-72, rec 52', no description; Crd 6624-75'
rec 51', no description; Perf 5494, 6496, 6498, 6506, 6570, 6584, 6592, 6596,
6601, 6613, 6686, 6692, A/5000 gals.
Tops: (EL) Rustler 1369, Yates 2704, Seven Rivers 2965, Queen 3513, Glor 5263, Tubb
6379, Drinkard 6711'.

TUBB

TUBB CORE / DST

Lea Rinehart
OIL REPORTS

RH-184

Date: 7-20-65 Card No.: 9 NM mko

Sapient Energy Corp.

Monument Field Area

Lea County, NM

TUBB FORMATION DST'S

LEA COUNTY	NEW MEXICO	WILDCAT
Well: CONTINENTAL OIL CO. #9 Britt B-15		Result: NEW
Loc'n: 15-20S-37E; 1980' FS&ELs of Sec; E/central part of county in shallow Eumont Fld Area.		OIL DISC

Soud: 12-4-56; Comp: 3-11-57; Elev: 3563' DF; TD: 8536'; PB: 7752'

Casing: 13" 319', 9 5/8" 3999', 7" 7768'

Prod Zone: T/Pay 7700'; Prod thru perms 7700-7724'

IPF: 56 BOPD, Grav 39

Comp Info: DST 5175-97' (Glor) op 1 1/2 hrs, rec 180' mud, FP 0%,

SIP 1105%; DST 5600-5700' (Bliebry) op 1 hr, rec 270'

O&GCM, FP 135%, SIF 195%; DST 6447-6544' (Tubb) op 105 min,

gas 2 1/2 min, oil 15 min, flwd 13 BO/1 hr, no wtr, gas vol

2,158,000 CFGPD, GOR 6917-1, FP 1325-1365%, SIP 2695%/15 min;

DST 6600-34' (Tubb) op 1 hr, gas 45 min, steady blow, rec

93' GCM, FP 0%, SIP 0%/15 min; DST 6640-6716', (Drinkard)

op 3 hrs, gas 115 min, rec 60' GCM, NS, FP 0%. SIP 1445%;

DST 6400-47' (Tubb) op 1 1/2 hrs, gas 3 min, rate 517,000

CFGPD, rec 540' HG&DCM w/some free dist on btm, FP 370-

190%, SIP 2390%; DST 6447-6544' (Tubb) op 1-3/4 hrs, gas

(Cont'd on card 13-A)

See Remarks
Oil Reports

Date: 3-27-57

Card No.: 13 NM pf

TUBB
DST

LEA COUNTY	NEW MEXICO	WILDCAT
Well: CONTINENTAL OIL CO. #9 Britt B-15		Result: NEW
Loc'n: REMARKS CONTINUED:		OIL DISC

vol 2,158,000 CFGPD, GOR 6917-1, FP 1325-1365%, SIP 2695%/

15 min; DST 6790-6907' (Drinkard) op 2 hrs, gas 19

min a rate 30,000 CFGPD, rec 1085' free oil & 50' GCM,

FP 150-470%, SIP 2650%; DST 7700-34' (Penn) op 3 hrs, rec

2491' oil, no wtr, FP 430-980%, SIP 1365%/30 min; DST

7734-64' (Penn) op 2 hrs, rec 4180' salty sul wtr w/SO,

FP 601-1890%, SIP 3960%/20 min; Perf 7712-24', swbd 22 BNO/4

hrs, no wtr; A/500 gals; swbd 1/2 BNO/2 hrs sqd w/100 sx;

rec load then swbd, 1/2 BOPH A/1000 gals; rec load then

swbd 1/2 BNO/3 hrs; swbd dry.

Tops: B/Salt 2485', Yates 2633', Seven River 2888', Queen 3405',

Penrose 3515', Grayb 3698', Glor 5163', Bliebry 5765',

Tubb 6300', Drinkard 6618', Abo 6928', Penn 7694'

See Remarks
Oil Reports

Date: 3-27-57

Card No.: 13-A NM pf