

LEIBROCK, LANDRETH & CAMPBELL
CONSULTING PETROLEUM ENGINEERS
SUITE 207, MIDLAND NATIONAL BANK BUILDING
P. O. BOX 91 TELEPHONE MU 2-7500
MIDLAND, TEXAS

ROBERT M. LEIBROCK
GEORGE H. LANDRETH
ROY E. CAMPBELL

March 31, 1958

Mr. Elvis A. Utz, Gas Engineer
New Mexico Oil Conservation Commission
Box 871
Santa Fe, New Mexico

Dear Mr. Utz:

In accordance with your request of last week, we are transmitting herewith a copy of the basic reservoir data used in calculating recoverable gas in place for the 58 tracts studied in the Jalmat Gas Pool, Lea County, New Mexico.

Should you have any question concerning the source of the basic data or the procedure followed in calculating gas in place, we would be pleased to discuss them with you at your convenience.

Yours very truly,

LEIBROCK, LANDRETH & CAMPBELL



Robert M. Leibrock

RML:wr

Enclosures

Copy to:

Mr. Ross Malone
Atwood & Malone
Roswell Petroleum Building
Roswell, New Mexico

SUMMARY OF CORE ANALYSIS DATA

JALMAT GAS POOL

LEA COUNTY, NEW MEXICO

<u>WELL</u>	<u>NET PAY CORED*</u>	<u>POROSITY- FEET</u>	<u>AVERAGE POROSITY</u>
1) PAN-AMERICAN MYERS B-11	140'	2290.0	16.35%
2) CITIES SERVICE CLOSSON B-13	44'	736.5	17.90%
3) GULF OIL CORP. JANDA J-1	53'	916.9	17.30%
4) GULF OIL CORP. JANDA I-1	14'	236.7	16.90%
5) CONTINENTAL FARNEY A-17 No. 1	42'	728.1	17.40%
Total	293'	4,908.2	Ave. 16.75%

* EXCLUDING CORED INTERVALS HAVING LESS
than 10% POROSITY.

INTERSTITIAL WATER SATURATION ESTIMATED
AT 47% FOR AVERAGE POROSITY OF 16.75%.
BASED ON DATA AVAILABLE ON DIRTY SANDS.

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SUMMARY OF CALCULATIONS OF RECOVERABLE GAS IN PLACE
PORTION OF JALMAT GAS POOL, LEA COUNTY, N.M.

LEASE & WELL NO.	ACRES	NET PAY, ft.	BOTTOM HOLE PRESSURE psi g	RECOVERABLE GAS IN PLACE MMMCF
1) GACKLE - KING No. 1	160	115	945	5.281
2) CONT. - STEVENS B-18 No. 1	160	81	945	3.720
3) CONT. - STEVENS B-18 No. 2	160	74	960	3.469
4) T-P - STATE A-1 No. 20	160	125	990	6.080
5) T-P - STATE A-1 No. 22	160	125	1010	6.240
6) EL PASO - SHELLE - STATE No. 2	160	115	1000	5.667
7) T-P - STATE A-1 No. 21	160	120	970	5.702
8) T-P - STATE A-1 No. 13	160	125	1015	6.250
9) T-P - STATE A-1 No. 28	160	120	990	5.837
10) CONT. STEVENS B-14 No. 1	160	125	1000	6.160
11) T-P - STATE A-1 No. 31	160	100	975	4.784
12) T-P STATE A-1 No. 33	160	70	800	2.598
13) CONT. STEVENS B-15 No. 2	160	95	800	3.526
14) WESTERN NAT. - MATKINS No. 1	160	105	860	4.284
15) GACKLE - SINCLAIR - STATE No. 1	160	100	1030	5.104
16) GACKLE - SINCLAIR - STATE No. 2	160	115	800	4.269
17) T-P STATE A-1 No. 26	160	125	990	6.080
18) T-P STATE A-1 No. 24	160	125	1015	6.280
19) T-P STATE A-1 No. 25	160	125	1000	6.160
20) T-P STATE A-1 No. 22	160	125	1010	4.189
21) GULF, JANDA G No. 1	160	90	1000	4.435
22) GULF HOLT B No. 2	80	171	950	2.974
23) GACKLE COWDEN C No. 4	316	119	910	10.862
24) SAMEDAN HUGHES B No. 1	160	81	1005	4.018
25) WESTERN NAT. BLINERBY A No. 2	160	109	1005	5.406
26) GACKLE, COWDEN B No. 1	120	81	1007	2.348
27) CONT. LYNN B-25 No. 2	160	160	920	7.717
28) CONT. LYNN B-26 No. 1	160	141	975	6.945
29) CONT. LYNN B-26 No. 2	160	105	900	4.836
30) CONT. LYNN B-26 No. 3	160	81	900	3.899
31) CONT. LYNN B-26 No. 4	160	139	970	6.983
32) GULF MANDA C No. 1	40	145	983	1.252
33) WESTERN NAT. COMBEST C No. 1	320	122	919	10.836
34) CONT. STEVENS A-35 No. 1	120	109	921	3.536
35) AMERADA STATE LMT No. 2	160	170	900	7.344
36) AMERADA STATE LMT No. 5	160	175	1000	8.624
37) CITIES SERVICE STATE Q No. 1	80	134	880	2.819
38) R. LOWE - SHELLE STATE No. 2	80	156	905	3.286
39) SKELLY - MEXICO D No. 1	80	168	945	3.871
40) SKELLY - KING C No. 1	160	68	960	3.188
41) OLSEN OIL Co. - KING No. 1 NW	160	105	925	5.023
42) TIDEWATER KING No. 1	160	118	960	5.532
43) OLSEN OIL Co. - KING No. 1 SE	160	75	950	3.468
44) GULF JANDA I No. 1	160	102	925	4.860
45) GULF JANDA I No. 2	160	90	925	4.306

LEASE & WELL NO.	ACRES	NET PAY, ft.	BOTTOM HOLE RECOVERABLE PRESSURE psig	GAS IN PLACE MMCF
46) EL PASO SHELL STATE No. 4	160	117	1009	5.803
47) SKELLY MEXICO E No. 1	160	121	1020	6.068
48) T-P STATE A-1 No. 30	160	90	1080	4.867
49) T-P STATE A-1 No. 35	160	85	975	4.053
50) T-P STATE A-3 No. 2	160	50	1010	2.496
51) T-P STATE A-3 No. 1	160	80	990	3.891
52) T-P STATE A-1 No. 37	160	78	950	3.607
53) T-P STATE A-1 No. 38	160	60	930	2.698
54) T-P STATE A-1 No. 16	160	145	990	7.053
55) T-P STATE A-1 No. 34	160	90	1035	4.622
56) GULF JANDA H No. 1	160	105	990	5.107
57) CONT. STEVENI B-12 No. 1	160	125	970	5.940
58) CONT. STEVENI B-12 No. 2	160	85	920	3.781