

OIL CONSERVATION COMMISSION

BOX 2045

HOBBS, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE September 7, 1977

This is to notify the Oil Conservation Commission that connection for the
purchase of gas from the CLEARY PETROLEUM CORPORATION Federal D,
Operator Lease
South Salt
#1, F, 4-21S-32E, Lake Morrow,
Well # Unit Letter S.T.R. Pool
GAS COMPANY OF NEW MEXICO, was made on 9/7/77.
Name of Purchaser Date

GAS COMPANY OF NEW MEXICO
PURCHASER

James P. Lucas
REPRESENTATIVE

Transmission Manager
TITLE

cc: Oil Conservation Commission - Santa Fe

E. R. Corliss - Dallas

W. B. Richardson - Dallas

R. J. McCrary - Dallas

E. H. Redden - Carlsbad

Operator(s): CLEARY PETROLEUM CORPORATION
300 Prentice Building
North Broadway Plaza
Oklahoma City, Oklahoma 73116

File

Cleary Petroleum Corporation
P.O. Drawer 2358
Midland, Texas 79702

WORK SHEET FOR STEPWISE CALCULATION

(SURFACE)

DATE 10.4

FORM C-122-E

DATE 9.7.77

COMPANY Claremont Petroleum Corporation

LEASE NEW JORDON FEDERAL "D"

WELL NO. 1

DATE 9.7.77

LOCATION: UNIT H

M

SECTION 4

TOWNSHIP 21S

RANGE 3E

1. 1000

H

L/H

1.00

G

0.718

% CO₂

0.99

2N₂

0.99

d

P

Q

M_{cf}d

(L/H) (F_o)²

P_{cr}

668

T_{cr}

280

LINE	ITEM	SOURCE	1	2	3	4	5	6	7	8	9	10
1			19750	6875		0						
2	GH		9823	4935		0						
3	37.8GH		378219	189109		0						
4	P _o or P _r		5823.0	6654.1	6654.4	3227.2	3227.2	3654.1				
5	P _r		5.823	7.09	6.654	1.607	1.607	1.883				
6	P _r		981	600	600	1.00	1.00	1.00				
7	P _r		1.25	1.49	1.49	1.00	1.00	1.00				
8	P _r		1.040	0.045	0.045	0.045	0.045	0.045				
9	P/B P/W		1449.00	4654.40	6073.45	4654.40	1890.71	4386.56				
10	P/B		9 ÷ 6	7.4977	7.7693	0.0074	8.0004	8.0383				
11	172 ² /1000		(10 ² /1000)									
12	L/H (P _r Q _m) ²											
13			11 ÷ 12									
14	P _r		10 ÷ 13	143.066	100.000	100.000	110.777	111.000				
15	P _r - P _{r-1}			0.00	0.00	0.00	0.00	0.00				
16	P _r + P _{r-1}			991.480	999.999	999.999	999.999	999.999				
17	M x N		15 x 16		105987			105118				
18	Σ (M x N)		Σ 17		105987			570508				

$$2800000 \div 1000000 = 2.800000 \quad 1000000 \div 1000000 = 1.000000 \quad 1000000 \div 1000000 = 1.000000$$

RECEIVED

1912

OIL CORPORATION COAL.
HOBBS, N. M.

SOUTHWEST WIRELINE SERVICE

P. O. BOX 5254
MIDLAND, TEXAS 79701

(WHERE GOOD RESERVOIR TESTING BEGINS)

PHONE
915/682-1589

BOTTOM HOLE PRESSURE REPORT

Operator Cleary Petroleum Corporation Lease New Mexico Federal "D" Well No. 1
Field South Salt Lake Reservoir Morrow Datum _____
Test Date September 7, 1977 Well Status Shut In Hours Shut In 72:00
Tubing 2 Depth 13430' End Open Packer 13430' S. N. _____
Casing 5 1/2" Depth 14100' Perf. 13582-13918' Total Depth FB 13985'

	Depth	Press. Lbs/Sq. In.	Press.	Gradient Lbs/Ft.
Tubing Press. <u>4740</u>	Surface	4735		
Casing Press. <u>Packer</u>	2500	5050	315	.126
Top of Fluid <u>None</u>	5000	5378	328	.131
Top of Water <u>None</u>	7500	5713	325	.130
Temp. @ _____ °F	10000	6024	311	.124
Elev. KB. _____ GI	12500	6335	311	.124
Last Test Date <u>Initial</u>	13384	6450	110	.124
Press. Last Test	13704	6499	49	.123
Change _____ Per Day	0	0		
Inst. No. _____ Cal	13784	6499	Ctr. of Perfs.	.123
Tested By <u>Leon Arnett</u>				
Calcu. By <u>L. Arnett</u>				
Prod. Index _____ Bbls/day/ft.				
Drop _____				
Cumulative prod. _____				

Remarks:

SOUTHWEST WIRELINE SERVICE

P. O. BOX 6254
MIDLAND, TEXAS 79701

(WHERE GOOD RESERVOIR TESTING BEGINS)

PHONE
915/692-7580

STATIC-FLOWING-D. H. PRESSURES

COMPANY Cleary Petroleum Corporation Well & No. New Mexico Federal "D" No. 1

FIELD South Salt Lake (Morrow) Date 9-7-77 Instrument No. 7445

DATE	STATUS	SEEV TIME	ELAPSED TIME		D. W. T. TP	BHP PSIG @ 13784'
			HRS.	MIN.		
9-7-77	Instrument in Lubricator	09:15				
	Instrument on Bottom	09:40			4739	6499
	Opened to Separator	10:05			4739	6499
	Opened on 1st Rate	11:15	0	00	4728	6492
	1st Flow Rate	11:30	0	15	3420	5336
	1st Flow Rate	11:45	0	30	3250	5276
	1st Flow Rate	12:00	0	45	3120	5063
	1st Flow Rate	12:15	1	00	3095	4951
	Opened on 2nd Flow Rate	12:15	0	00	3095	4951
	2nd Flow Rate	12:30	0	15	3220	5122
	2nd Flow Rate	12:45	0	30	3200	5224
	2nd Flow Rate	13:00	0	45	3321	5255
	2nd Flow Rate	13:15	1	00	3322	5262
	Opened on 3rd Rate	13:15	0	00	3322	5262
	3rd Flow Rate	13:30	0	15	3541	5507
	3rd Flow Rate	13:45	0	30	3608	5598
	3rd Flow Rate	14:00	0	45	3642	5633
	3rd Flow Rate	14:15	1	00	3670	5654
	Opened on 4th Rate	14:15	0	00	3670	5654
	4th Flow Rate	14:30	0	15	3825	5846
	4th Flow Rate	14:45	0	30	3973	5888
	4th Flow Rate	15:00	0	45	3879	5905
	4th Flow Rate	15:15	1	00	3878	5919