

1 LOCATION FOR MULTIPLE COMPLETION

Operator Cities Service Company		County Eddy	Date July 12, 1978
Address P.O. Box 1919 Midland, TX 79702		Lease Polk "A" Com	Well No. 1
Location of Well	Unit B	Section 17	Township 23S
			Range 28E

1. Has the New Mexico Oil Conservation Commission heretofore authorized the multiple completion of a well in these same pools or in the same zones within one mile of the subject well? YES NO NO
2. If answer is yes, identify one such instance: Order No. ; Operator Lease, and Well No.:

3. The following facts are submitted:	Upper Zone	Intermediate Zone	Lower Zone
a. Name of Pool and Formation	Undes. - Strawn		Undes. - Morrow
b. Top and Bottom of Pay Section (Perforations)	11152-11158		12076-12150
c. Type of production (Oil or Gas)	Gas		Gas
d. Method of Production (Flowing or Artificial Lift)	Flowing		Flowing

4. The following are attached. (Please check YES or NO)

Yes	No	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	a. Diagrammatic Sketch of the Multiple Completion, showing all casing strings, including diameters and setting depths, centralizers and/or turbolizers and location thereof, quantities used and top of cement, perforated intervals, tubing strings, including diameters and setting depth, location and type of packers and side door chokes, and such other information as may be pertinent.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	b. Plat showing the location of all wells on applicant's lease, all offset wells on offset leases, and the names and addresses of operators of all leases offsetting applicant's lease.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	c. Waivers consenting to such multiple completion from each offset operator, or in lieu thereof, evidence that said offset operators have been furnished copies of the application.*
<input type="checkbox"/>	<input checked="" type="checkbox"/>	d. Electrical log of the well or other acceptable log with tops and bottoms of producing zones and intervals of perforation indicated thereon. (If such log is not available at the time application is filed it shall be submitted as provided by Rule 112-A.)

5. List all offset operators to the lease on which this well is located together with their correct mailing address.

Gulf Oil Company, P.O. Box 1150, Midland, TX 79702

RECEIVED

JUL 14 1978

O. C. C.
ARTESIA, OFFICE

6. Were all operators listed in Item 5 above notified and furnished a copy of this application? YES ☒ NO . If answer is yes, give date of such notification 7-12-78

CERTIFICATE: I, the undersigned, state that I am the Region Opr. Manager of the Cities Service Company (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

E. J. Smith
Signature

*Should waivers from all offset operators not accompany an application for administrative approval, the New Mexico Oil Conservation Commission will hold the application for a period of twenty (20) days from date of receipt by the Commission's Santa Fe office. If, after said twenty-day period, no protest nor request for hearing is received by the Santa Fe office, the application will then be processed.

NOTE: If the proposed multiple completion will result in an unorthodox well location and/or a non-standard proration unit in one or more of the producing zones, then separate application for approval of the same should be filed simultaneously with this application.

* Copies of the logs were mailed to the Commission when they were run.

CITIES SERVICE COMPANY
POLK "A" No. 1 (STRAWN)

CON'T FROM PAGE 1

<u>DATE</u>	<u>TIME</u>	<u>CUM. HRS./MIN.</u>		<u>PSIG @ 10,585 FEET</u>
8-18-78	5:40 PM	00 Hrs.	00 MIN.	1712 BEGIN BUILD-UP
		00	15	3170
		00	30	4448
		00	45	5222
		01	00	5901
		01	15	6308
		01	30	6551
		01	45	6648
		02	00	6688
		02	30	6715
		03	00	6735
		03	30	6747
		04	00	6751
		05	00	6763
8-18-78	11:40 PM	06	00	6771
8-19-78	12:40 AM	07	00	6779
		08	00	6783
		10	00	6791
		12	00	6798
		14	00	6802
8-19-78	10:15 AM	16 HRS.	35 MIN.	6806 GAUGE OUT, END OF TEST

NOTE: FLOWING D.W. @ 1:30 P.M., AUGUST 15, 1978 WAS 5603 PSIG. SHUT-IN D.W. AT END OF 72 HOUR BUILD-UP @ 11:00 A.M., AUGUST 18, 1978 WAS 5630 PSIG. SHUT-IN D.W. AT END OF 16½ HR BUILD-UP @ 10:00 A.M., AUGUST 19, 1978 WAS 5546 PSIG.

CITIES SERVICE COMPANY

POLK "A" No. 1

BOTTOM HOLE PRESSURE BUILD-UP TEST, PRESSURES TO
USE FOR CALCULATING 4-POINT AND PRESSURE BUILD-UP
TABULATION OF PRESSURE AND TIME

TEST CONDUCTED BY:

JOHN WEST ENGINEERING CO.

TEST DATE: AUGUST 15 TO 19, 1978

TEST DEPTH: 10,585 FEET

ELEMENT NO.: 34912 (0-8000 PSI)

OPER.: B.R.D.

DATE	TIME	CUM. HRS./MIN.		PSIG @ 10,585 FEET
8-15-78	1:30 PM	00 HRS.	00 MIN.	6897 GAUGE REACHED 10,585 FEET
		01	00	6901
		02	00	6905
		03	00	6909
		04	00	6913
		06	00	6913
		08	00	6917
8-15-78	11:30 PM	10	00	6917
8-16-78	4:30 AM	15	00	6921
8-16-78	9:30 AM	20	00	6921
8-18-78	9:00 AM	67	30	6921 GAUGE OUT TO CHANGE CHART
8-18-78	10:45 AM	69	15	6921 GAUGE BACK TO 10,585 FEET
	11:00 AM	69	30	6921 START TEST
		69	45	6249
		70	00	5694
		70	15	5349
	11:45 AM	70	15	5349
	12:00 NOON	70	30	5175
	12:15 PM	70	45	5131 END OF RATE I
		71	00	4916
		71	15	4700
		71	30	4532
	1:15 PM	71	45	4376 END OF RATE II
		72	00	4032
		72	15	3668
		72	30	3320
	2:15 PM	72	45	3186 END OF RATE III
		73	00	2675
		73	15	2215
		73	30	1753
	3:15 PM	73	45	1391 END OF RATE IV
		74	00	1243
		74	15	1132
		74	30	1078 SHUT-IN
		74	45	1720
		75	00	1951
		75	10	2053 OPEN CHOKE
		75	15	2016
		75	30	1889
		75	45	1778
		76	00	1720
		76	10	1712 SHUT-IN FOR BUILD-UP
8-18-78	5:40 PM	76	10	

TEST DATE: AUGUST 15 TO 19, 1978
TEST DEPTH: 10,585 FEET

ELEMENT No.: 34912
RANGE: 0-8000 PSI
CLOCK No.: E-2145
RANGE: 0-72 HOUR
CLOCK No.: C-4028
RANGE: 0-24 HOUR

NOTE: SEE TABULATION OF PRESSURE AND TIME ON ATTACHED SHEET.

