

FEDERAL 3-48

5-MH000
1-W.L. Doone-Houston
1-R.L. White-Midland
1-FIELD

RECEIVED

JUN 6 1975

GLTZY OIL COMPANY

P.O. BOX 249, HOBBS, NEW MEXICO 88240

O. C. C.
ARTEBIA, OFFICE

Record No. XX

Record No. XX

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II. DESIGNATION OF FIELD OR AREA

Lease No.	State, Federal or Fed.	Lease No.
STATE "K" 6096 "A"	1	UNDESIGNATED (MORROW)
Unit Center	N 1980	WEST 660
Line of Section	28	Township 19-S
Range	25-E	EDDY

III. DESIGNATION OF TRANSPORTATION

Name of Authorized Transporter or Oil	Name of Authorized Transporter or Oil
UNKNOWN	XX
SOUTHERN UNION GAS CO.	P.O. BOX 1419, CARLSBAD, NEW MEXICO
It well produces oil or liquids,	NO
give location of tanks.	APPROX. 60 DAYS

IV. COMPLETION DATA

Designate Type of Completion - (A)	XX	XX
Date Splogs	2-21-75	4-21-75
Elevations (H.F., RKB, RT, GR, etc.)	3506 RKB	MORROW
Perforations	9257-64; 9310-20; 9324-32'	
HOLE SIZE	17-1/2	13-3/8
Casing Size	12-1/4	9-5/8
Drill Bit	8-2/4	7

V. TEST DATA AND REQUEST FOR ALLOWANCE

Date First New Oil Run To Tanks	Date of Test
Length of Test	Actual Prod. During Test
Actual Prod. During Test	Oil - Bbls.

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Grav. in Oil - lb/cu ft
AOE 4609.5	4 HOURS	53.4
Testing Method (pilot, back pr.)	Testing Pressure (lb/in ²)	Choke Size
4 POINT	3007	11/64 to 25/64

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil and Gas Conservation Commission have been complied with and that the information above is true and complete to the best of my knowledge and belief.

C.L. Wade: *C.L. Wade*
(Signature)

AREA SUPERINTENDENT

MAY 30, 1975

HLG/bh

OIL CONSERVATION COMMISSION

SEP 9 1975

W. A. Gressett

SUPERVISOR, DISTRICT II

This form is to be filed in compliance with RULE 1104.

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Fill in only Sections I, II, III, and VI for changes of owner.

OIL CONSERVATION COMMISSION

P. O. DRAWER DD

ARTESIA, , NEW MEXICO 88210

RECEIVED

SEP 9 1975

O. C. C.
ARTESIA, OFFICE

NOTICE OF GAS CONNECTION

DATE September 8, 1975

This is to notify the Oil Conservation Commission that connection for

the purchase of gas from the GETTY OIL COMPANY, Getty,
Operator Lease
#1-K 6096-A, SES 28-19S-25E, Dagger Draw Morrow, Southern Union Gas Co.,
Well Unit S.T.R. Pool Name of Purchaser
was made on 9/5/75.

SOUTHERN UNION GAS COMPANY

Purchaser

cc: Getty Oil Company
P. O. Box 1040
Houston, Texas 77001

King Resources Company
Box 9698
Denver, Colorado 80200

Mark Production
330 Citizens Bank Building
Tyler, Texas 75701

James P. Leach
Representative

Transmission Manager

Title

cc: To operator:

Oil Conservation Commission - Santa Fe, N.M. 87501
E. R. Corliss - Dallas - Engineering Dept.
W. B. Richardson - Gas Meas. - Dallas
R. J. McCrary - Dallas - Purchase & Prorations
E. H. Redden - Carlsbad - Dispatch Office
~~John B. Carter - Carlsbad - Plants~~

NEW MEXICO OIL CONSERVATION COMMISSION
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122
Revised 9-1-65

RECEIVED

Type Test ☐ Initial ☐ Annual ☐ Special		Test Date April 22, 1975		JUN 6 1975	
Company OIL CITY COMPANY		Connection INJECT		Unit O. G. G. ARTESIA, OFFICE	
Pool WILSONVILLE		Formation GOSCO		Form or Lease Name UNIT X 6036 1.	
Completion Date April 19, 1975		Total Depth 5410		Plug Back TD 9347	
Elevation 3506		Well No. 3		Unit Sec. Twp. Rge. 22 13-N 25-E	
Csg. Size 7"	Wt. 200	d 0.273	Set At 2400	Perforations: From 2257 To 9332	
Tbg. Size 2-3/8	Wt. 4.7	d 1.995	Set At 9112	Perforations: From 9112 To	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple G.O.				Packer Set At 9112	
Producing Thru TUBING		Reservoir Temp. °F 147.0 @ 9400		Mean Annual Temp. °F 60	
Baro. Press. - P _a 13.0		State NEW MEXICO		County SANTA FE	
L 9119	H 9257	G _g 0.1963	% CO ₂ 1.17	% N ₂ 0.922	% H ₂ S 0
Prover		Meter Run 45		Taps BRIDGE	

FLOW DATA							TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	Temp. °F	
SI							2307				47.50
1.	4	X	2.50	93	30	60	2733	65			1.00
2.	4	X	2.50	140	23	65	2256	65			1.00
3.	4	X	2.50	100	30	65	1700	65			1.00
4.	4	X	2.50	220	37	63	1232	63			1.00
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
11	32.64	32.12	133.2	.9915	1.284	1.00	1334.7
15	32.64	59.36	153.2	.9932	1.284	1.00	2475.9
19	32.64	76.43	193.2	.9932	1.284	1.00	3175.3
25	32.64	92.89	233.2	.9971	1.294	1.00	3931.7
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	A.P.I. Gravity of Liquid Hydrocarbons	Specific Gravity Separator Gas	Specific Gravity Flowing Fluid	Critical Pressure	Critical Temperature
1.	4.08	529	1.45	0.754	93,600	53.4 @ 60°F	0.5741	X X X X X X X X	672	346
2.	3.43	525	1.45	0.732				X X X X X		
3.	2.90	525	1.45	0.742						
4.	2.07	523	1.45	0.733						
5.										

NO.	P _r ²	P _w	P _w ²	P _r ² - P _w ²
1	7432.2	3728.7	7445.8	1679.0
2	3142.5	3022.5	3265.2	669.0
3	2924.1	1875.6	2710.3	518.5
4	1000.9	1376.1	1892.4	719.2
5				

(1) $\frac{P_r^2}{P_r^2 - P_w^2} = 1.25879$ (2) $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 1.1875$

AOF = Q $\left[\frac{P_r^2}{P_r^2 - P_w^2} \right]^n = 4609.5$

Absolute Open Flow		4609.5		Mcfd @ 15.025		Angle of Slope θ		34°		Slope, n		2.723	
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Remarks:

Approved By Commission:	Mal A. Owens	Checked By:	Eugene C. Miller
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CHUCKE
SIZE
64THS.
IN.

11
15
19
25

SHUTTY OIL COMPANY
 STATE K-6096A NO. 1
 Proration Unit N, 28-10-S-25-E
 Eddy County, New Mexico
 APRIL 21, 1975

PREMIUM FOOT CONTACT
 321TG22 FULL-LOGARITHMIC 2X2 3-3/4" CYCLES

