

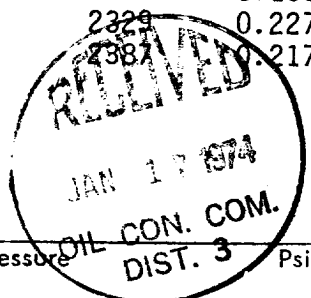


Company TENNECO OIL COMPANY Lease GALLEGOS Well No. 7
 Field BASIN DAKOTA County SAN JUAN State NEW MEXICO
 Formation DOKOTA Test Date DECEMBER 15, 1973

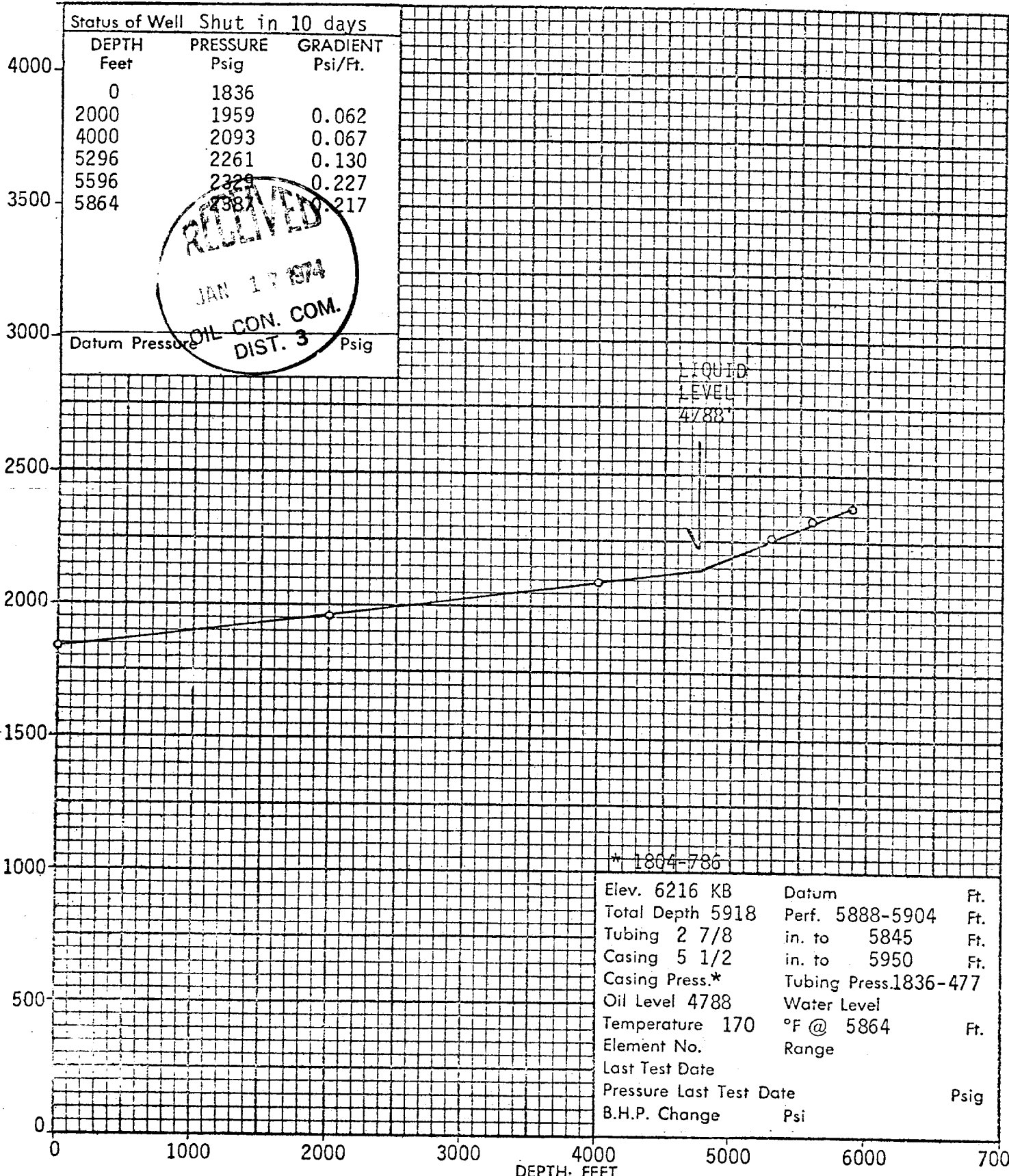
Status of Well Shut in 10 days

DEPTH Feet	PRESSURE Psig	GRADIENT Psi/Ft.
0	1836	
2000	1959	0.062
4000	2093	0.067
5296	2261	0.130
5596	2329	0.227
5864	2387	0.217

Datum Pressure _____ Psig



PRESSURE POUNDS PER SQUARE INCH GAUGE



* 1804-786

Elev. 6216 KB	Datum	Ft.
Total Depth 5918	Perf. 5888-5904	Ft.
Tubing 2 7/8	in. to 5845	Ft.
Casing 5 1/2	in. to 5950	Ft.
Casing Press.*	Tubing Press. 1836-477	
Oil Level 4788	Water Level	
Temperature 170	°F @ 5864	Ft.
Element No.	Range	
Last Test Date		
Pressure Last Test Date		Psig
B.H.P. Change	Psi	

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

Form C-122
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date 12-15-73				
Company Tenneco Oil Company					Connection				
Pool Basin Dakota					Formation Dakota				
Completion Date			Total Depth		Plug Back TD 5918		Elevation 6216 KB		Farm or Lease Name Gallegos
Csg. Size 5 1/2	Wt. d	Set At 5950	Perforations: From 5888 To 5904		Well No. 7				
Tbg. Size 2 7/8	Wt. d	Set At 5845	Perforations: From To		Unit NW	Sec. 34	Twp. 26	Rge. 11	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas					Packer Set At				
Producing Thru Tbg		Reservoir Temp. °F 170 @ 5864		Mean Annual Temp. °F		Baro. Press. - P _a 12.00		State New Mexico	
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover X	Meter Run	Taps	

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow	
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. hw	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
1.	2 x 3/4						1836		1804		3 Hrs.
2.							477	60	786		
3.											
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	12.3650		489	1.0000	.9608	1.050	6096
2.							
3.							
4.							
5.							

NO.	P _r	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio	Mcf/bbl.
1					A.P.I. Gravity of Liquid Hydrocarbons	_____ Deg.
2					Specific Gravity Separator Gas	XXXXXXXXXX
3					Specific Gravity Flowing Fluid	XXXXX
4					Critical Pressure	_____ P.S.I.A.
5					Critical Temperature	_____ R

RECEIVED
JAN 17 1974
OIL CON. COM.
DIST. 3

P _c 1848	P _c ² 3415104	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.2292$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1673$
NO 1	P _w 798	P _w ² 636804	P _c ² - P _w ² 2778300
2			
3			
4			
5			

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7493$

Absolute Open Flow	7493	Mcf/d @ 15.025	Angle of Slope θ	Slope, n .75
Remarks:				

Approved By Commission:	Conducted By: Tefteller, Inc.	Calculated By: Neil Tefteller	Checked By:
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UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE (Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE OR ACQUISITION AND SERIAL NO.

I-149-TWO-7271

6. IF INDIAN, INDICATE THE TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

8. NAME OF LEASE HOLDER

Gallegos

9. WELL NO.

7

10. FIELD AND NO. OF WILDCAT

Basin Dakota

11. SEC. T. R. S. OR OIL AND GAS ACT OR AREA

Sec 34. T26N, R11W

12. COUNTY OR PARISH

San Juan

New Mexico

1. OIL WELL [] GAS WELL [X] OTHER []

2. NAME OF OPERATOR: Tenneco Oil Company

3. ADDRESS OF OPERATOR: 1200 Lincoln Tower Bldg., Denver, Colorado 80203

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface

1025 FNL / 1600 FWL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, CR, etc.)

6202 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF []

FRACTURE TREAT []

SHOOT OR ACIDIZE []

REPAIR WELL []

(Other) []

PULL OR ALTER CASING []

MULTIPLE COMPLETE []

ABANDON []

CHANGE PLANS []

SUBSEQUENT REPORT OF:

WATER SHUT-OFF []

FRACTURE TREATMENT []

SHOOTING OR ACIDIZING []

(Other) Shut-In [X]

EXPANDED WELL []

ALTERING CASING []

ABANDONMENT []

(Note: Report results of multiple completion or Well Completion or Recompletion Report and Log Form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

STATUS OF WELL:

SHUT-IN

APPROXIMATE DATE THAT TEMP. ABAND. COMMENCED:

REASON FOR TEMP ABAND: SI pending mkt

FUTURE PLANS FOR WELL: N/A

APPROXIMATE DATE OF FUTURE W.O. OR PLUGGING: 1-1-76

18. I hereby certify that the foregoing is true and correct

SIGNED

[Signature]

TITLE

Division Production Manager

DATE

December 13, 1974

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: