

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

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.)

1. OIL WELL ☐ GAS WELL ☐ OTHER ☐	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
2. NAME OF OPERATOR	7. UNIT AGREEMENT NAME
3. ADDRESS OF OPERATOR	8. FARM OR LEASE NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface	9. WELL NO.
	10. FIELD AND POOL, OR WILDCAT
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
14. PERMIT NO.	12. COUNTY OR PARISH
15. ELEVATIONS (Show whether DF, RT, GR, etc.)	13. STATE

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) ☐

REPAIRING WELL ☐
ALTERING CASING ☐
ABANDONMENT* ☐

(NOTE: Report results of multiple completion on 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.)*

RECEIVED
JUN 13 1963

U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

JUN 16 1963
OIL CON. COM.
DIST. 3

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

SIGNED

TITLE

DATE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Instructions

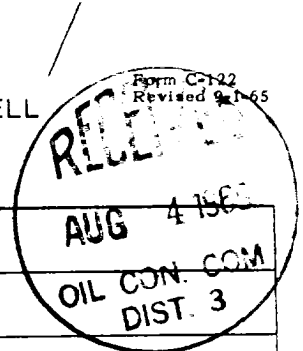
General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and procedures, are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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

Form C-122
Revised 9-1-65



Type Test ☒ Initial ☐ Annual ☐ Special						Test Date 7-27-69					
Company Caulkins Oil Company						Connection					
Pool Basin Dakota						Formation Dakota				Unit Basin	
Completion Date 7-10-69			Total Depth 7330		Plug Back TD 7300		Elevation 6388 DF		Farm or Lease Name Breach "A"		
Csg. Size 4.500	Wt. 10.5	d 11.6	d 4.000	Set At 7330	Perforations: From 6990 To 7278			Well No. 175			
Tbg. Size 2.375	Wt. 4.7	d 1.995	Set At 7088	Perforations: From 7088 To			Unit Sec. Twp. Rge. J 8 26N 6W				
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single Gas						Packer Set At None		County Rio Arriba			
Producing Thru Tubing		Reservoir Temp. °F 185 @		Mean Annual Temp. °F		Baro. Press. - P _a		State New Mexico			
L	H	G _g	% CO ₂	% N ₂	% H ₂ S	Prover		Meter Run		Taps Pipe	

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.	
SI	14 days						2466		2409	
1.	3/4"						405	60	1090	60
2.										
3.										
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P _m	Flow Temp. Factor F _t	Gravity Factor F _g	Super Compress. Factor, F _{pv}	Rate of Flow Q, Mcfd
1	14.1605		XXX 417	1.000	1.000	1.030	6382
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 _____ X X X X X X X X	
3.					Specific Gravity Flowing Fluid _____ X X X X X	
4.					Critical Pressure _____ P.S.I.A. _____ P.S.I.A.	
5.					Critical Temperature _____ R _____ R	

NO.	P _c	P _c ²	P _w	P _w ²	P _c ² - P _w ²	$(1) \frac{P_c^2}{P_c^2 - P_w^2} = 1.25$ $(2) \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1821$ $AOF = Q \left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 7189$
1			1102	1,214	4,926	
2.						
3.						
4.						
5.						

Absolute Open Flow _____ 7189 _____ Mcfd @ 15.025			Angle of Slope θ _____		Slope, n _____ 75 _____
Remarks: _____					
Approved By Commission: _____ Conducted By: _____ Calculated By: _____ Checked By: _____					