

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPPLICATE*
(Other instructions on reverse 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 ☐	5. LEASE DESIGNATION AND SERIAL NO. C-1, 1-180 Ind.-2466
2. NAME OF OPERATOR Getty Oil Company	6. INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR Box 3262, Casper, WY 82402	7. NET AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 893' ECL 1110' ECL	8. FIRM OR LEASE NAME John Charles
14. PERMIT NO.	9. WELL NO. 74
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 893' CL 1110' ECL	10. FIELD AND POOL, OR WILDCAT Mango Navajo
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13-T274-00
	12. COUNTY OR PARISH 13. STATE

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF ☐	PULL OR ALTER CASING ☐	WATER SHUT-OFF ☐	REPAIRING WELL ☐
FRACTURE TREAT ☐	MULTIPLE COMPLETE ☐	FRACTURE TREATMENT ☐	ALTERING CASING ☐
SHOOT OR ACIDIZE ☐	ABANDON* ☐	SHOOTING OR ACIDIZING ☐	ABANDONMENT* ☐
REPAIR WELL ☐	CHANGE PLANS ☐	(Other) <u>Operations</u> ☒	
(Other) ☐		(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.)*

10/4/77 - to 4460' - Waiting on completion rig. Spudded 12-1/4" hole, drilled to 315'. Ran 6-1/2" OD casing to 315' and cemented with 300 sacks cement. Drilled 8-1/2" hole to 2350'. Ran 7' OD casing to 2350' and cemented w/ 177 sacks cement. Drilled 6-1/2" hole to 4460', ran electric logs 3400-4460'. Ran 4-1/2" OD liner to 4460' cemented w/ 225 sacks. Top of liner at 2240'.

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

SIGNED

TITLE Area Superintendant

DATE October 4, 1977

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

001 7 1977

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 practices, either 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.



LTR



Job separation sheet

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

Revised 9-1-65

6 copies

Type Test ☒ Initial ☐ Annual ☐ Special				Test Date 11-18-77	
Company Getty Oil Company			Connection Not Connected		
Pool Blanco			Formation Mesa Verde		Unit
Completion Date 11-11-77		Total Depth 4460'	Plug Back TD 4409'	Elevation 5963'	Farm or Lease Name John Charles
Csg. Size 7.00-9 1/2	Wt. 20.0	d 6.456	Set At 2348	Perforations: From 4257 To 4367	Well No. 7A
Thq. Size 2.375	Wt. 4.70	d 1.995	Set At 4381'	Perforations: From OPEN To ENDED	Unit Sec. Twp. Rge. C-13 27N 9W
Type Well - Single - Bordenhead - G.C. or G.O. Multiple Single Gas				Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. - P _a 12.0	State New Mexico
L 4381'	H 4381'	G _g .720	% CO ₂	% N ₂	% H ₂ S
Prover 2.000			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. h _w	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.		Temp. °F
SI							560		680		168 hr
1.	2.000 X .750						193	60	453		
2.	2.000 X .750						155	60	407		
3.	2.000 X .750						115	60	415		
4.											
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. Factor, F _{sp}	Rate of Flow Q, Mcfd
1	11.000		205	1.000	1.179	1.027	2730
2	11.000		167	1.000	1.179	1.021	2211
3	11.000		127	1.000	1.179	1.017	1675
4.							
5.							

NO.	P _t	Temp. °R	T _r	Z	Gas Liquid Hydrocarbon Ratio 5 bbl Per MMCF	Mcf/bbl.
1.					A.P.G. Gravity of Liquid Hydrocarbons 61°	Deq.
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.
5.					Critical Temperature	R

P _c 692	P _c ² 478864	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.6149$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.4325$
NO.	P _t ²	P _w	P _w ²
1			
2			
3	116129	427	182329
4			
5			

Absolute Open Flow 2399 Mcfd @ 15.02'		Angle of Slope .75
Remarks: Top of liner hanger - 2249		
Approved By Commission:	Conducted By: Paul Berhost	Calculated By: Paul Berhost
		Checked By: R.P. Hergenreter

DEC 12 1977