

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 5-30-80	
Company Getty Oil Company		Connection Not connected	
Pool Blanco		Formation Mesa Verde	
Completion Date 5-22-80		Total Depth 7015	Plug Back TD 4882
Elevation 5856		Farm or Lease Name Mexico Fed. M	
Csq. Size 5.500	Wt. 15.5	d 5.012	Set At 7015
Perforations: From 4536 To 4748		Well No. 1-A	
Tbg. Size 2.375	Wt. 4.70	d 1.995	Set At 4728
Perforations: From open To ended		Unit Sec. Twp. Rge. P 12 31N 13W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At	County San Juan
Producing Thru Tubing	Reservoir Temp. °F 12.0	Mean Annual Temp. °F	State New Mexico
L 4728	H 4728	Gg .675	Baro. Press. - P _a 12.0
% 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	2.000	X	.750				909		909		189 Hr SI
1.	2.000	X	.750				358	60	766		1st Hr
2.	2.000	X	.750				333	60	718		2nd Hr
3.	2.000	X	.750				314	60	686		3rd Hr
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, Fpv	Rate of Flow Q, Mcfd
1	11.00		370		1.217	1.041	5156
2	11.00		345		1.217	1.037	4789
3	11.00		326		1.217	1.035	4517
4.							
5.							

NO.	P _t	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 _____ XXXXXXXXX
3.					Specific Gravity Flowing Fluid _____ XXXXX
4.					Critical Pressure _____ P.S.I.A.
5.					Critical Temperature _____ °R

NO.	P _t	P _w	P _w ²	P _c ² - P _w ²	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 2.3495$	(2) $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.8977$
1						
2						
3	106276	698	487204	361037	AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 8,572$	
4						
5						

Absolute Open Flow	8,572	Mcfd @ 15.025	Angle of Slope °	Slope, n .75
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Remarks:			
Approved By Commission:	Conducted By: Wendell Durrett	Calculated By: Paul D. Berhost	Checked By:



LTR



Job separation sheet

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)Form approved,
Budget Bureau No. 42-R355.5.

5. LEASE DESIGNATION AND SERIAL NO.

~~NM-080-280~~ **N.M. 080280**

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. FARM OR LEASE NAME

Mexico Federal M

9. WELL NO.

1-A

10. FIELD AND POOL, OR WILDCAT

Blanco-Mesa Verde

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec. 12 - T31N-R13W

12. COUNTY OR
PARISH

San Juan

13. STATE

NM

19. ELEV. CASINGHEAD

5866' KB

23. INTERVALS
DRIILLED BY

0-7015'

CABLE TOOLS

0

25. WAS DIRECTIONAL
SURVEY MADE

no

27. WAS WELL CURED

no

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Getty Oil Company

3. ADDRESS OF OPERATOR

Box 3360, Casper, Wyoming 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1025' FSL - 1120' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

12-30-79

16. DATE T.D. REACHED

2-3-80

17. DATE COMPL. (Ready to prod.)

5-30-80

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

20. TOTAL DEPTH, MD & TVD

7015'

21. PLUG, BACK T.D., MD & TVD

4882'

22. IF MULTIPLE COMPL.,
HOW MANY*

1

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

4536'-4748' Mesaverde

26. TYPE ELECTRIC AND OTHER LOGS RUN

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	32.75#	270'	14 3/4"	250 sks	-
7 5/8"	26.40#	4175'	9 3/4"	528 sks	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
5 1/2"	4002'	7015'	400 sks		2 3/8"	4728'	

31. PERFORATION RECORD (Interval, size and number)

4536'-4748', 20 holes - .320" dia.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4536'-4748'	104,000 lbs 20-40 sand in
	64,000 gal fluid (75% foam -
	25% water)
	1000 gal 15% Mod HCL acid

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
5-30-80		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
5-30-80	3 hrs.	3/4"	→	-	4517	-	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
314 psig	686 psig	→	-	8572	-	-		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Shut in waiting on P.L. connection

TEST WITNESSED BY

Paul Berhost

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE

Area Superintendent

DATE 7-17-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

NMOCG

CY...

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency or both, pursuant to applicable Federal and/or State laws 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. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

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 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION (S), TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES			38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2171'	2258'			
Lewis	2258'	3735'			
Cliff House					
(Mesaverde)	3735'	4528'			
Point Lookout	4528'	4805'			
Mancos	4805'	6707'			
Dakota	6707'	6940'			