

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☒	DRY ☐	Other <u>Commingle</u>		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR <u>Getty Oil Company</u>							
3. ADDRESS OF OPERATOR <u>P.O. Box 3360, Casper, Wyoming 82602</u>							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) <u>At surface 1830' FSL & 790' FWL (NW SW)</u> <u>At top prod. interval reported below</u> <u>At total depth</u>							
14. PERMIT NO.				DATE RECEIVED RECEIVED FEB 25 1981 U.S. GEOLOGICAL SURVEY FARMINGTON, N.M.			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to produce)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	
10-21-80		11-9-80		2-3-81			
20. TOTAL DEPTH, MD & TVD		21. PLUG BACK T.D., MD & TVD		22. IF MULTIPLE COMPLETIONS, HOW MANY?		ROTARY TOOLS	
7150'		7115'		2		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) <u>Dakota 7029'-7096'</u> <u>Gallup 5994'-6310'</u>						25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN <u>Dual Induction-SFL</u> <u>Compensated Neutron-Formation Density</u>						27. WAS WELL CORED <u>Yes</u>	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8 5/8"		24#		326'		12 1/4"	
5 1/2"		14 & 15.5#		7153'		7 7/8"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2 3/8"		7029'		6450'			
(Sliding Sleeve @ 6107')							
31. PERFORATION RECORD (Interval, size and number)							
<u>Shot 89 - 0.420" holes from 7029'-7096'</u> <u>Shot 98 - 0.250" holes from 5994'-6310'</u>							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
7029'-7096'				2715 gal 15% HCL Frac w/ 68,000 gal 7% KCL & 68,000# 20-40 sd. 5994'-6310'			
4000 gal 15% HCL Frac w/ 120,000 gal Nitrified X-linked Gel 144,000# 20-40 sd. 80,000# 10-20 sd.							
33.* PRODUCTION 1,248,000 SCF of N ₂							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-23-81		Flowing - Gallup				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
2-10-81		3		3/4"		→	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
48		48		→		10	
						GAS—MCF.	
						11	
						WATER—BBL.	
						0	
						GAS-OIL RATIO	
						5500 to 1	
						OIL GRAVITY-API (CORR.)	
						41	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
<u>Vented</u>						<u>Paul Berhost</u>	
35. LIST OF ATTACHMENTS							
<u>See attached for Dakota Test & Core Analysis</u>							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
<u>Charles E. Mooney</u>		<u>Area Engineer</u>				<u>2-19-81 1981</u>	

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

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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 USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Pictured Cliffs	2699	2699	See Core Analysis Attached			
Lewis	4219	4219				
Mesaverde	5020	5020				
Mancos	5866	5866				
Gallup	6310	6310				
Greenhorn	7029	7029				
Dakota	7096	7096	No DST run			
Ojo Alamo	1933'	2065'				
Fruitland	2496'	2632'				

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1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☒ DRY ☐ Other <u>Commingle</u>				5. LEASE DESIGNATION AND SERIAL NO. 68	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache	
2. NAME OF OPERATOR Getty Oil Company				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3360, Casper, Wyoming 82602				8. FARM OR LEASE NAME Jicarilla "B"	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1830' FSL & 790' FWL (NW SW)				9. WELL NO. 20-E	
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Oroco Gallup & Basin Dakota	
At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 31 - T25N-R5W	
14. PERMIT NO. U. S. GEOLOGICAL SURVEY FARMINGTON, N. M. ISSUED				12. COUNTY OR PARISH Rio Arriba	
15. DATE SPUDDED 10-21-80				13. STATE N.M.	
16. DATE T.D. REACHED 11-9-80				18. ELEVATIONS (DF, RKB, RT, GR, ETC)* 6762' GR	
17. DATE COMPL. (Ready to prod.) 2-3-81				19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 7150'		21. PLUG BACK T.D., MD & TVD 7115'		22. IF MULTIPLE COMPL., HOW MANY? 2	
23. INTERVALS DRILLED BY ROTARY TOOLS 10'-7150'				25. WAS DIRECTIONAL SURVEY MADE	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) Dakota 7029'-7096' Gallup 5994'-6310'				27. WAS WELL CORED	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Induction-SFL Compensated Neutron-Formation Density				28. CASING RECORD (Report all strings set in hole)	
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8 5/8"		24#		326	
5 1/2"		14 & 15.5#		7153	
HOLE SIZE		CEMENTING RECORD		MATERIAL PULLED	
12 1/4"		225 Sks			
7 7/8"		2483 Sks			
29. LINER RECORD				30. TUBING RECORD	
SIZE		TOP (MD)		DEPTH SET (MD)	
				7029'	
BOTTOM (MD)		SACKS CEMENT*		PACKED SET (MD)	
				6450'	
SCREEN (MD)				(Sliding Sleeve @ 6107')	
31. PERFORATION RECORD (Interval, size and number) Shot 89 - 0.420" holes from 7029'-7096' Shot 98 - 0.250" holes from 5994'-6310'				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7029'-7096'		2715 gal 15% HCL. Frac w/ 68,000 gal 7% KCL & 68,000# 20-40 Sd. 5994'-6310' 4,000 gal 15% HCL. Frac w/ 120,000 gal Nitrified X-linked Gel 144,000# 20-40 sd. 80,000# 10-20 sd 1,248,000			
33.* PRODUCTION SCF of N ₂					
DATE FIRST PRODUCTION 2-2-81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing Dakota			WELL STATUS (Producing or shut-in) Shut in
DATE OF TEST 2-3-81		HOURS TESTED 3		CHOKE SIZE 3/4"	
FLOW. TUBING PRESS. 128		CASING PRESSURE 994		CALCULATED 24-HOUR RATE 6	
DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented		OIL—BBL. 1		GAS—MCF. 230	
LIST OF ATTACHMENTS		WATER—BBL. 0		GAS-OIL RATIO 230M to 1	
		OIL GRAVITY-API (CORR.) 48		TEST WITNESSED BY Paul Berhost	

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

SIGNED Charles E. Mowry TITLE Area Engineer MAR 26 1981 DATE 2-19-81

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

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
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Greenhorn	6310	7029				
Dakota	7029	7096				
Ojo Alamo	1933'	2065'	No DST run			
Fruitland	2496'	2632'				