

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

SUBMIT IN DUPLICATE*

(See other instructions 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 _____				5. LEASE DESIGNATION AND SERIAL NO. SP-079602	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLOG BACK ☐ DIFF. CESVR. ☐ Other _____				6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Getty Oil Company				7. UNIT AGREEMENT NAME _____	
3. ADDRESS OF OPERATOR P.O. Box 3360, Casper, WY 82602-3360				8. FARM OR LEASE NAME L.L. McConnell	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 970' FSL & 1800' FWL (SE/SW)				9. WELL NO. 13	
At top prod. interval reported below same				10. FIELD AND POOL, OR WILDCAT West Lindrith Gallup, Dakota	
At total depth same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA N, Section 31-T25N-R3W	
14. PERMIT NO. _____ DATE OF SURVEY _____ NOV 01 1982				12. COUNTY OR PARISH Rio Arriba	
15. DATE SPUDDED 6-14-82				13. STATE New Mexico	
16. DATE T.D. REACHED 6-25-82		17. DATE COMPL. (Ready to prod.) 10-12-82		18. ELEVATIONS (DF, RSB, RT, GR, ETC.)* 7266' KB	
20. TOTAL DEPTH, MD & TVD 8091'		21. PLUG, BACK T.D., MD & TVD 7930' Cmt. Ret.		19. ELEV. CASINGHEAD 7254' GR	
22. IF MULTIPLE COMPL., HOW MANY* _____				23. INTERVALS DRILLED BY 0'-8091'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6882'-7841' Gallup/Dakota (Commingled Downhole)				25. WAS DIRECTIONAL SURVEY MADE no	
26. TYPE ELECTRIC AND OTHER LOGS RUN CNL-FDC, DIL-SFL, Cyberlook, CBL				27. WAS WELL CORED no	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	317'	12 1/4"	(See Attached)	-
5 1/2"	14, 15.5, & 17#	8091'	7 7/8"	(See Attached)	-
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
2 3/8"	736'	-			
31. PERFORATION RECORD (Interval, size and number) (See Attached)					
32. ACID, SHOT, FRACTURE, CEMENT, ETC. DEPTH INTERVAL (MD) AMOUNT KIND OR MATERIAL USED (See Attached)					
33.* PRODUCTION					
DATE FIRST PRODUCTION 10-8-82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping on 1 1/4" insert pump			WELL STATUS (Producing or shut-in) Shut-in
DATE OF TEST 10-22-82	HOURS TESTED 15 hrs	CHOKE SIZE -	PROD'N. FOR TEST PERIOD →	OIL—BBL. 68	GAS—MCF. 246 MCFD
				WATER—BBL. 10	GAS-OIL RATIO 2257 cu ft/bbl
FLOW. TUBING PRESS. 150#	CASING PRESSURE 700#	CALCULATED 24-HOUR RATE →	OIL—BBL. 109	GAS—MCF. 246	WATER—BBL. 16
					OIL GRAVITY-API (CORR.) 45.2
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To Be Sold					TEST WITNESSED BY Paul D. Berhost
35. LIST OF ATTACHMENTS Cementing Record; Perf Record; Acid, Shot, Frac & Cmt Squeeze Record					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.					
SIGNED J. A. Sinton		TITLE Acting Area Superintendent		DATE 10-27-82	

*(See Instructions and Spaces for Additional Data on Reverse Side) **NOV 5 1982**

FARMING

BY

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 33.

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				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Gallup	6882'	7147'		Ojo Alamo	3092'	
Dakota	7790'	7841'		Kirtland	3278'	
				Fruitland	3440'	
				Pictured Cliffs	3541'	
				Chacra	4438'	
				MesaVerde	5214'	
				Gallup	6868'	
				Greenhorn	7703'	
				Graneros	7766'	
				Dakota	7789'	

Attachment

Item #28 - Cementing Record

8 5/8" Casing - Cemented w/ 325 cu ft of Class "B" cmt w/ 2% & 69# of Flocele. Circ out 35 cu ft of good cmt.

5 1/2" Casing - Cemented 1st Stage w/ 320 cu ft of 65/35 Poz cmt w/ 6% gel, 12 1/2# gilsonite, & 40# Flocele. Tailed w/ 389 cu ft of Class "H" Self-Stress cmt w/ .0.6% fluid loss additive. Circ out 10 cu ft of cmt.

Cemented 2nd Stage w/ 2800 cu ft of 65-35 Poz cmt w/ 6% gel, 12 1/2# gilsonite & 350# of Flocele. Tailed w/ 419 cu ft of 50-50 Poz cmt w/ 2% gel & 81# of Flocele

Item #31 - Perforation Record

7790'-7841' Dakota Perfs: Perfed w/ 34, 0.42" holes, 1 spf, 22 gram charge
7790'-7812', 7824'-7830', & 7835'-7841'.

6884'-7146' Gallup Perfs: Perfed w/ 39, 0.30" holes, 13 gram charge @ 6884',
86', 88', 90', 93', 96, 6900', 16', 18', 22', 33',
36', 38', 40', 42', 46', 55', 57', 67', 69', 80',
82', 85', 7040', 42', 45', 57', 64', 67', 72', 74',
83', 85', 87', 91', 7102', 04', 44', 46'.

Re-perfed Gallup w/ exactly the same holes as
above, only 0.40" holes & 22 gram charge.

6882'-7147' Gallup Perfs: Perfed w/ 115, 0.40" holes, 22 gram charge, 1 spf
6882'-6902'; 6915'-6925'; 6933'-6949; 6954'-6960';
6966'-6971'; 6979'-6987'; 7038'-7047'; 7056'-7059';
7064'-7076'; 7080'-7093'; 7100'-7106'; & 7140'-7147'.

Item #32- Record of Acid, Shot, Fracture, & Cement squeeze, etc.

7996': Shot 2, 0.40" squeeze perfs. Cmt squeezed w/ 59
cu ft of Class "B" cmt w/ 16# of D65 friction
reducer.

7940'-7990': Perfed Dakota w/ 15, 0.42" holes, 1 spf, 22.5 gram
charge 7940'-45', & 7980'-90'. Acid w/ 750 gal 15%
HCl & 500 scf/bbl of N₂. Set cmt retainer @ 7930' & cmt
squeezed w/ 70 cu ft of Class "B" cmt.

7790'-7841': Acidized Dakota perfs w/ 2000 gal of 15% HCl & 500
scf/bbl of N₂. Fraced w/ 71,500 gal of 20# gel,
115,000# of 20-40 sd & 810,000 scf of N₂.

6884'-7146': Broke down Gallup perfs 7144'-7146' w/ 100 gal
2% KCl water. Broke down Gallup perfs 7040'-7104'
w/700 gal 2% KCl water. Broke down Gallup perfs
6884'-6985' w/ 1150 gal of 2% KCl water. Could
not frac - plugged off. Re-perfed same holes as
above 6884'-7146' & broke down all perfs w/ 500
gal of 10% Acetic Acid. Fraced all perfs w/ 81,700
gal of 40# x-linked gel, 144,000# of 20-40 sand,
and 1,267,200 scf of CO₂.