

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 _____

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
P.O. Box 3360, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements)
At surface 1510' FNL & 1730' FEL of Sec. 5
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO.
5-24-82

RECEIVED
JAN 25 1983
U. S. GEOLOGICAL SURVEY
FARMINGTON DISTRICT N. M.

5. LEASE DESIGNATION AND SERIAL NO.

Contract #44- Tract #91

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Jicarilla Apache

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Jicarilla "D"

9. WELL NO.

3

10. FIELD AND POOL, OR WILDCAT

Lindrith Gallup/Dakota So.

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

G Section 5-T23N-R4W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUNDED 5-31-82 16. DATE T.D. REACHED 6-11-82 17. DATE COMPL. (Ready to prod.) 11-18-82 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7052' KB 19. ELEV. CASINGHEAD 7040' Graded GR

20. TOTAL DEPTH, MD & TVD 7230' 21. PLUG, BACK T.D., MD & TVD 7167' 22. IF MULTIPLE COMPL., HOW MANY* - 23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) 5903' - 6098' Gallup 7107' - 7150' Dakota 6907' - 6946' Greenhorn (Comingled downhole) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN DIL/SFL; CNL/FDC; CBL; PDC-GR 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENT RECORD	AMOUNT PULLED
8 5/8"	24#	310'	12 1/4"	(See Attached)	-
5 1/2"	15.5# & 14#	7190'	7 7/8"	(See Attached)	-

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 3/8" DEPTH SET (MD) 7039' PACKER SET (MD) -

31. PERFORATION RECORD (Interval, size and number)

Dakota - 28, 0.40" holes, 1 Spf
7107'-12', 7118'-21' & 7130'-7150'
Greenhorn - 21, 0.50" holes, 1 Spf
6907'-13', 6920'-30' & 6841'-46'
Gallup - 77, 0.40" holes, 1 Spf: 5903'-20', 5934'-38', 5944'-64', 5990'-6007', 6018'-22'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7107'-7150' Dakota	Acid with 1400 gal. 15% HCL and fraced w/94,500 gal. 20# gel, 80,000# 20-40 sd and 1,092, 123 Scf of N ₂ .

33. PRODUCTION

DATE FIRST PRODUCTION 12-21-82 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping 2" x 1 1/4" Pump 13SPM & 64" SL WELL STATUS (Producing or Shut-in) Shut-In 1-20-83 to WOPLC

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1-19-83	24	-	→	24	50	38	2083 Cu.Ft/bbl.
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
190	70	→	24	50	38	43.2	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold TEST WITNESSED BY Mark Kramer

35. LIST OF ATTACHMENTS
Cementing record, Acid and Frac Record

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

SIGNED W. B. [Signature] TITLE Area Superintendent DATE 1-20-83 FEB 10 1983

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

FARMINGTON DISTRICT

9.1A

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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
		TOP	
		NAME	MEAS. DEPTH
		TRUE VERT. DEPTH	
Gallup Greenhorn Dakota	5903' 6907' 7107'	6098' 6946' 7150'	Ojo Alamo Kirtland Fruitland Pictured Cliffs Chacra Mesa Verde Gallup Greenhorn Graneros Dakota
			2241' 2370' 2613' 2710' 3563' 4243' 5902' 6890' 6955' 6994'

Attachment
Jicarilla "D" #3
Getty Oil Company

Item #28 Cementing Record:

- 8 5/8" Casing - Cemented with 325 cu. ft. of class "B" cement with 2% CaCl₂ and 69# of cellophane flakes.
- 5 1/2" Casing - Cemented 1st stage w/980 cu. ft. of 50-50 Poz cement with 4% gel, 3920# perlite and 123# cellophane. Tailed with 116 cu. ft. of class "H" self-stress cement. Opened DV tool @ 5024', circ. out 50 cu. ft. cement. Cemented 2nd stage w/270 cu. ft. 50-50 Poz cement w/4% gel, 1080# perlite and 34# of cellophane. Tailed with 425 cu. ft. of class "B" w/2% CaCl₂ and 90# cellophane. Opened DV @ 3697'. Circ. out 60 cu. ft. of cement. Cemented 3rd stage w/990 cu. ft. 50-50 Poz cement w/4% gel, 3960# perlite and 124# of cellophane. Tailed with 531 cu. ft. of class "B" cement w/2% CaCl₂ and 113# cellophane. Circ. cement to surface

Item #32 Acid, Shot, Frac and Cement Squeeze Record(Continued):

- 6907' - 6946' - Greenhorn: Broke down w/2500 gal. diesel. Fraced w/4788 gal. of 70% Quality foamed diesel, 7000# of 20-40 sand and 300,000 Scf of N₂.
- 5903' - 6098' - Gallup: Broke down w/2436 gal. 2% KCL water. Fraced with 101,540 gal. 40# x-linked gel, 184,620# 20-40 sand and 1,479,142 Scf of CO₂.