

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR						BILLY J. KNOTT	
3. ADDRESS OF OPERATOR						#850 One Energy Square 4925 Greenville Ave. Dallas, Texas 75206	
4. LOCATION OF WELL (Report location clearly and in accordance with any special requirements)*						At surface 1850' FNL - 1520' FWL At top prod. interval reported below Same At total depth Same	
14. PERMIT NO.						U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.	
5. LEASE DESIGNATION AND SERIAL NO.		NM 33023					
6. IF INDIAN, ALLOTTEE OR TRIBE NAME		-----					
7. UNIT AGREEMENT NAME		-----					
8. FARM OR LEASE NAME		JK					
9. WELL NO.		1					
10. FIELD AND POOL, OR WILDCAT		WAW Fruitland - PC					
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA		Sec. 30-T27N-R12W N.M.P.M.					
12. COUNTY OR PARISH		San Juan		13. STATE		N.M.	
15. DATE SPUDDED		11-30-79		16. DATE T.D. REACHED		12-10-79	
17. DATE COMPL. (Ready to prod.)		5-27-80		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*		5889 KB 5885 GL	
19. ELEV. CASINGHEAD		5885		20. TOTAL DEPTH, MD & TVD		1350'	
21. PLUG, BACK T.D., MD & TVD		1302		22. IF MULTIPLE COMPL. HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		922' to 940' Fruitland sand.		25. WAS DIRECTIONAL SURVEY MADE		Dev. surveys	
26. TYPE ELECTRIC AND OTHER LOGS RUN		Ind. Elec. - Gamma, Density & Neutron		27. WAS WELL CORED		No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
7"		20#		95' KB		9 7/8"	
2 7/8"		6.5#		1332'		5"	
CEMENTING RECORD		AMOUNT PULLED		50 sx. circulated.		None	
170 sx. RFC circulated		None		30. TUBING RECORD		SIZE	
1 1/2"		930'		PACKER SET (MD)		31. PERFORATION RECORD (Interval, size and number)	
Jet perforated from 922' to 940' with 2 shots/ft. (36 shots).		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
922-940		250 gal. 15% HCl		922-940		500 gal. 15% HCl	
20,000# 20/40		sd Frac. 922-40' N ₂ & Foam		10,000# 10/20		sd Frac. 922-40' N ₂ & Foam	
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
5-27-80		3 hr. flow				Shut-in	
CHOKE SIZE		PROD'N. FOR TEST PERIOD		OIL—BBL.		GAS—MCF.	
1/4"		→		WATER—BBL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL GRAVITY-API (CORR.)	
54 psig.		213 SI		→		96 MCF/D AOF None	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY	
To be connected to El Paso Nat. Gas line.						A.B. Geren, Jr.	
35. LIST OF ATTACHMENTS							
(2) Sets each: Induction, Gamma-Den. & Neutron logs.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available data.							
SIGNED		Ashton B. Geren, Jr.				DATE	
Ashton B. Geren, Jr.		Agent-Consultant				7-3-80	

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

NMOCC

FARMINGTON DISTRICT

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 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.)

"See complete Well History" reported on separate 9-331 Forms here included.

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
Ojo Alamo	Surf	150	Fine to Med. Grain sd.			
	150	470	Sandy shale			
Farmington Sand	470	650	Fine to Med. Grain silty sd. appears to be water wet.			
Kirtland Shale	650	920	Light gray shale with siltstn stringers.			
Fruitland Sd	920	940	Fine to Med. wt. sand, partly clay fill. ? Gas.			
Fruitland Sd Section	940	1228	Lt. gray sh, Fine to Med. grain sd stringers, and occ. coal stringer.			
Pictured Cliffs Sd	1228	1350 T.D.	Pred. white fine-med. grain sand, no shows indicated (log indicates wet).			