

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.

5. LEASE DESIGNATION AND SERIAL NO.
SF-079319

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Schwerdtfeger A

9. WELL NO.
4E

10. FIELD AND POOL, OR WILDCAT
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 31, T28N, R8W

12. COUNTY OR PARISH
San Juan

13. STATE
NM

15. DATE SPUNDED
9/7/82

16. DATE T.D. REACHED
9/15/82

17. DATE COMPL. (Ready to prod.)
10/12/82

18. ELEVATIONS (DF, REE, HY, GR, ETC.)*
6732' KB

19. ELEV. CASINGHEAD
6720' GR

20. TOTAL DEPTH, MD & TVD
7570' KB

21. PLUG, BACK T.D., MD & TVD
7540' KB

22. IF MULTIPLE COMPL., HOW MANY*

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
7356-7500' KB Dakota

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
DCL, DIL, CDL

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
9-5/8"	35#	311' KB	12-1/4"	295 CF C1-B + 1/4#/sx flocele + 2% CaCl ₂	
7"	23#	3498' KB	8-3/4"	1st: 103CF C1-B + 2% econolite + 2% *	
				2nd: 309 CF C1-B + 2% econolite + 2% CaC	
DV @ 2294' KB				+1/4#/sx flocele, 118 CF C1-B + 2% CaCl ₂	

29. LINER RECORD				30. TUBING RECORD + 1/4#/sx flocele			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3313' KB	7562' KB	**		2-3/8"	7420' KB	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
INTERVAL	HOLES	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7356-76' KB	2 JSPF	7356-7500' KB	1400 gal 16% wtd HCL, 102 1.1 SG ball slrs, 73,000 gal 40# X-L ge w/5% diesel, 153,000# 20/40 SD
7454-60' KB	(26', 52 holes)		
7480-89' KB	1 JSPF		
7493-7500' KB	(16', 16 holes)		

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
9/25/82		Flowing				Shut-In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
10/12/82	3	3/4"	→	-	204	-	-
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
108 psi	520 psi	→	-	1635	-	-	

34. DISPOSITION OF GAS (Solid, used for fuel, vented, etc.)
TO BE SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS
Electric logs forwarded by Bluejet & Gearhart

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

SIGNED Denise Wilson TITLE Production Analyst DATE October 15, 1982

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

* CaCl₂ + 1/4#/sx flocele, 177 CF C1-B + 2% CaCl₂ + 1/4#/sx flocele

U. S. GEOLOGICAL SURVEY FARMINGTON, N.M.

RECEIVED
OCT 18 1982

OCT 18 1982

ACCEPTED FOR RECORD

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		
	2006'	2138'			NAME	MEAS. DEPTH	TOP
Ojo Alamo	2006'	2138'	2138'	Sand, shale, fresh water			
Kirtland	2138'	2623'	2623'	Shale			
Fruitland	2623'	2993'	2993'	Sand, shale, coal, gas, water			
Pictured Cliffs	2993'	3053'	3053'	Sand, shale, gas			
Lewis	3053'	3928'	3928'	Shale			
Chacra	3928'	4621'	4621'	Sand, shale, gas			
Cliffhouse	4621'	4650'	4650'	Sand, shale, gas, water			
Menefee	4650'	5227'	5227'	Sand, shale, coal, gas, water			
Point Lookout	5227'	5580'	5580'	Sand, shale, gas			
Mancos	5580'	6404'	6404'	Shale			
Gallup	6404'	7234'	7170'	Silt, shale, sand	Greenhorn	7170'	
Graneros	7234'	7280'	7280'	Shale			
Dakota	7280'	TD	TD	Sand, shale, gas			

NOTE: All depths are expressed in terms of KB.