

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

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1780' FSL and 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 7/16/70 16. DATE T.D. REACHED 8/15/70 17. DATE COMPL. (Ready to prod.) 8/11/70

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4168.4 GR

20. TOTAL DEPTH, MD & TVD 9960' 21. PLUG, BACK T.D., MD & TVD 9928' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 5-9960'

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

9825'-9851' Bough "C"

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dresser Atlas SNP-Caliper, GR collar Log

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
12 3/8"	48	778'	17 1/2"	375 SKs. + 22 gal. chl.	None
8 3/8"	24# V 32#	4090'	11"	950 SKs. 62 gal. 22 CC.	None
5 1/2"	17#	9960'	7 7/8"	300 SKs. 42 gal.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
None				

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8"	9789	9717

31. PERFORATION RECORD (Interval, size and number)

9825, 27, 34, 39, 43, 49 & 9851' (9 holes). 4 3/8" dia. Golden Jet shots.

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9825'-9851'	1500 Gal. 15% HCl in 2 stages

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
8/11/70		Flowing					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
8/11/70	24	1/2"	5 →	360	450	600	1258	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
350#	PKr.	→	360	450	600	44.2		
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)								

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Vented

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Dresser Atlas Gamma Ray-Neutron Log (2 copies)

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

SIGNED Carly Hattis TITLE Sr. Prod. Clerk DATE 8/12/70

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

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. (drillers, geologists, sample and core analysis, all types electric, etc.), formations and/or State office. 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.), formations 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) and bottom(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: "Seal-off 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
Cretaceous	Surface	20	Surface Sand and Caliche	Chinle	20	20
Chinle	30	1385	Red Sand and Shale	Santa Rosa	1385	1385
Santa Rosa	1385	2235	Red Sand and Shale (Water)	Rustler	2235	2235
Rustler	2235	2283	Anhydrite	Salado	2283	2283
Salado	2283	2700	Salt and Anhydrite	Tansill	2700	2700
Tansill	2700	2783	Anhydrite & Dolomite	Yates	2783	2783
Yates	2783	2890	Sand and Anhydrite	Seven Rivers	2890	2890
Seven Rivers	2890	3325	Dolomite and Anhydrite	Queen	3325	3325
Queen	3325	3614	Sand and Anhydrite	Penrose	3614	3619
Penrose	3614	3808	Sand and Anhydrite	Grayburg	3808	3808
Grayburg	3808	3997	Dolomite, Anhydrite and Sand	San Andres	3997	3997
San Andres	3997	5500	Dolomite and Sand and Anhydrite Stringer	Pi Sand Marker	4637	4637
Glorieta	5500	5595	Sand with Dolomite and Anhydrite Stringer	Glorieta	5500	5500
Paddock	5595	6953	Dolomite, Shale and Anhydrite	Paddock	5595	5595
Tubb-Drinkard Sd	6953	7089	Sand, Dolomite and Anhydrite	Tubb-Drinkard Sd	6953	6953
Drinkard-Dolomite	7089	7795	Dolomite with Shale & Anhydrite	Drinkard Dolo.	7089	7089
Abo	7795	9010	Shale, green & red, with dolomite	Abo	7795	7795
Hueco	9010	9393	Limestone with grey shale	Hueco	9010	9010
Bursom	9393	9820	Limestone, Chert and red and grey Shale	Bursom	9393	9393
Bough "C"	9820	9854	Limestone (Oil Zone)	Three Brother	9484	9484
Bursom	9854	9960	Limestone, Chert, Red & Green Shale	Bough "C"	9820	9820