

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		
				NAME	MEAS. DEPTH	TOP TRUB VERT. DEPTH
				Queen	3105	
				Penrose	3213	
				Grayburg	3416	
				San Andres	3675	
				Glorietta	4864	
				Blinberry	5307	
				Clearfork	5458	
				Tubb	5926	
				Drinkard	6116	
				Abo	6311	
				Woodford Shale	7484	
				Devonian	7578	
				Silurian	7713	
				Fusselman	8125	
				Montoya	8645	
				Simpson	9065	
				McKee	9537	
				Joins	9968	
				Ellenberger	10050	

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

Depth Interval (MD)	Amount and Kind of Material Used
6026-5460	400 sxs. "H" cmt. 5/10 of 1% CFR-2 Circ. 50 sxs.
5740-5460	225 sxs. "H" Neat Circ. 35 sxs.
5207-5307	50 sxs. "C" cmt. Neat
4764-4864	60 sxs. "C" cmt. Neat
3500-3675	60 sxs. "C" cmt. Neat Circ. 10 sxs.
3636-3474	50 sxs. "C" cmt. Circ. 15 sxs.
Acid:	1500 gals. 15% NE & 30 balls.
Frac:	10,000 gals. 2% KCl water; 5,000 gals. CO ₂ ;
	21,500# 20-40 sand.

37. SUMMARY OF POROUS ZONES.

Top	Bottom	Description
131	704	Red bed
704	2079	Red bed & anhydrite
2079	2669	Anhydrite & salt
2669	2720	Anhydrite & salt
2720	2843	Anhydrite & salt
2843	3573	Anhydrite & lime
3573	3600	Dolomite
3600	3701	Dolomite, lime, & shale
3701	4341	Dolomite
4341	4525	Dolomite & sand
4525	6727	Dolomite
6727	6893	Dolomite & lime
6893	7913	Dolomite
7913	7949	Lime
7949	8007	Lime, dolomite, & chert
8028	8078	Shale & dolomite
8078	8110	Dolomite & lime
8110	8791	Dolomite
8791	8922	Chert, dolomite, and lime
8922	8965	Chert & lime
8965	9008	100% lime
9008	9125	Lime & chert
9125	9729	Shale & lime
9729	9853	Sandstone & shale
9853	9877	Lime & shale
9877	10017	Shale & sand
10017	10125	Lime & shale
10025	10052	Shale
10052	10063	Shale & dolomite
10063	10135	Dolomite
10135	10203	Dolomite & shale
10203	10321	Dolomite
10321	10449	Shale & dolomite
10449	10484	Dolomite & lime

