

Form approved.
Budget Bureau No. 42-R355.5.

RV

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.)

TD 7489 Ran 5 1/2" 17&15.5# ST&C and LT&C Casing at 7489 and cemented as follows. First stage thru shoe at 7489' with 250 sacks 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks Neat. Second stage thru stage tool at 5363' with 250 sacks 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks Neat. Plug down 1:35 PM. Third stage cemented 2951 to surface with 500 sacks 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks Neat. Plug down 12:20 PM 7-2-82

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.		38. GEOLOGIC MARKERS	
Alamo	2274	2482	Water	Sand	NAME	MEAS. DEPTH
Pictured Cliffs	2901	2980	Gas	Sand	Alamo	2274
Chacra	3702	3840	Gas	Sand	Pictured Cliffs	2901
Mesa Verde	4576	5334	Gas	Sand	Chacra	3702
Gallup	6300	6850	Gas	Sand	Mesa Verde	4576
Greenhorn	7060	7120	Gas	Sand	Gallup	6300
Dakota	7150	7460	Gas	Sand	Greenhorn	7060
					Dakota	7150
Hole Deviation Test				Degrees	Depth	TRUE VERT. DEPTH
				Degrees	Depth	
				1	6186	2274
				1	6695	2901
				1	7195	3702
				1	7489	4576
				1 1/4		6300
				1 1/4		7060
				1 1/4		7150
				1 1/2		
				1 1/2		
				1		
				1		

Ran 5 1/2" Production Casing as follows:

7429 to 6479 (1010)	5 1/2"	17#	ST&C	K-55
6479 to 901 (5578)	5 1/2"	15.5#	ST&C	K-55
901 to 0 (901)	5 1/2"	17#	LT&C	K-55

Stage Collars set at 5363' and 3263'.

Cemented first stage thru shoe at 7489' with 250 sacks (412.50 Cu ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 Cu ft.) Neat. Plug down 12:06 PM 5-19-82. (Cement Circulated above tool at 5363').

Cemented second stage thru tool at 5363' with 250 sacks (412.50 Cu ft.) 50-50 Poz, 6% Gel, 12 1/4# Gilsonite per sack followed by 100 sacks (118 Cu ft.) Neat. Plug down 1:35 PM 5-19-82.

Cemented third stage as follows:
Perforated 1 hole each at 3090 and 3091.
Attempted to circulate from perforations to surface with no success. Squeezed perforations with 100 sacks (118 Cu ft.) Neat Cement.
Plug down 3:52 PM 7-1-82.

Temperature survey run 8:00 AM 7-2-82, showed top of cement at 2960'. Perforated 1 hole at 2950 and 1 hole at 2951'. Established Circulation 2950 to surface thru Braden Head Valve, then cemented with 500 sacks (825 Cu ft.) 50-50 Poz, 6% Gel, 12 1/2# Gilsonite per sack followed by 100 sacks (118 Cu ft.) Neat. Good Circulation throughout job.

Cement Circulated to surface.

Cement Baskets set at 5530' and 3426'.

Centralizers set at following: 7446, 7364, 7279, 7195, 7110, 7026, 6942, 6856, 6773, 6688, 6605, 6522, 5405, 5322, 5242, 5200, 5760, 5118, 5076, 5035, 3305, 3223, 3140 and 3055.