

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		38. GEOLOGIC MARKERS	
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
No core			
No drill stem test			
Well History - Gallegos Canyon Unit 237			Well was spudded 4-15-66 and drilled to a depth of 369' where 8-5/8" casing was set with 225 sacks Class "A" cement containing 3% QACL. Well has drilled to a depth of 6202 where 4-1/2" casing was set with stage tools set at 4263 and 1567. Cemented first stage with 400 sacks Type "C" cement containing 6% gel and 2 lbs. medium tuf plug per sack followed by 100 sacks Type "C" neat cement. Cemented second stage with 500 sacks "C" neat cement containing 6% gel and 2 lbs. medium tuf plug per sack followed by 50 sacks "C" neat cement. Cemented third stage with 325 sacks Type "C" cement containing 6% gel and 2 lbs. medium tuf plug per sack followed by 50 sacks Type "C" neat cement. Ran tubing and bit and drilled stage tools and cleaned out to 6166. Displaced casing with water containing .8% potassium chloride and 2-1/2 lbs. FR-8 per 1000 gallons water. Perforated 6048-6064 and 6080-6090 with 3 shots per foot. Fraced with 33,960 gallons water treated as above and 30,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 2100, average treating pressure 3400, average injection rate 56 BPM. Dropped 40 balls with 20,000 lbs. sand in formation and treating went from 56 BPM at 3400 to 42 BPM at 2800. Completed frac at 53 BPM at 2500. Perforated 6000-6015 with 4 shots per foot. Fraced with 29,240 gallons water treated as above and 20,000 lbs. 20-40 sand and 10,000 lbs. 10-20 sand. Breakdown pressure 3100, average treating pressure 3500, average injection rate 51 BPM. 2-3/8" tubing was landed at 6016 and on 6-1-66 well was completed as shut-in gas well, Basin-Dakota Field. On

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Log tops		
Pictured Cliffs	1415	
Lewis Shale	1640	
Mesaverde	2998	
Mancos	4170	
Gallup	5073	
Base Gallup	5650	
Greenhorn	5875	
Greneros Shale	5936	
Greneros Dakota	5997	
Main Dakota	6042	

6-8-66, well flowed 3057 MCFD with tubing pressure flowing 247, and casing pressure flowing 794. Top pay Dakota 5936.