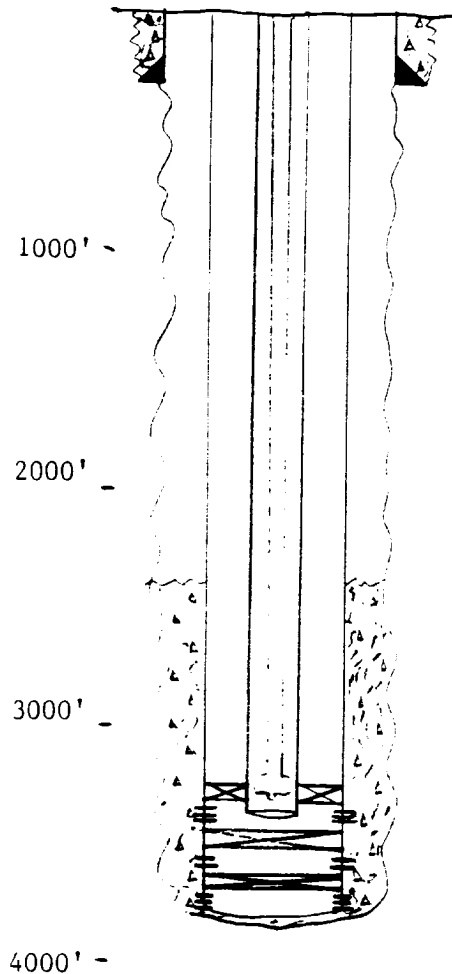


General Purpose Worksheet

Subject	Sinclair A State Well No. 9	Page No	Of
File	Current Wellbore Schematic	By	J.D. Swanson
		Date	4-8-87

Location: 660' FSL & 660' FEL, Section 23-T23S-R36E,
Lea County, New Mexico



8-5/8", 24# Surface casing set at 278'
Cemented to surface with 150 sxs 50/50 poz cmt.

Completion Assembly
107 jts 2-3/8" tubing
Seat Nipple @ 3345'
Baker Model A-2 lok-set packer @ 3348',
set with 11,000# tension
Perforated Sub (4.00')
Mud Anchor (3107')
132-3/4" rods w/2" x 1 1/2" x 12' Pump

Seven Rivers Queen Perforations 3385-3419' (10 shots)
CIBP 3460'
Queen Perforations 3591-3637' (9 shots)
CIBP @ 3642'
Perforations - 3646-3668'
3725' PBTD
4-1/2", 9.5# Production casing set at 3747'
Cemented with 350 sxs cmt, Estimated TOC at 2400'.

4. RU and perforate 4-1/2" production casing from 1200'-1201' at 4 SPF with 3-3/8" casing gun. RD wireline company.
5. PU retrievable packer on 2-3/8" tubing and TIH to $\pm 1100'$. Set packer and pressure test annulus to 500 psi. Establish circulation up 8-5/8" x 4-1/2" annulus. In the event circulation cannot be easily established, record injection rates and pressures and notify state to discuss alternate plan. TOH and LD tubing and packer.
6. RU cementing company. Mix and pump Class "H" cement with 2% CaCl₂ down 4-1/2" casing until cement is circulated to surface up 8-5/8" x 4-1/2" annulus (estimated volume requirement - ± 550 sxs).
7. ND BOPE. Cut-off wellheads and casing $\pm 3'$ below ground-level. Fill 4-1/2" casing with neat cement as required. RD and MO CU.
8. Install Dry Hole marker as per state requirements.

Dry Hole Marker should identify the following:
Name of Operator
Well Name and Number
Legal Location of Well

Clean and dress location.

gdk
4/20/87